

	INFORME TÉCNICO DE LA PRUEBA: “POTENCIA MÁXIMA” DE LA CENTRAL ALFALFAL UNIDAD 1 y 2 Código: PPM064-2023-CC-DCO-0	
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Código: PPM064-2023-CC-DCO-0
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1. RESUMEN EJECUTIVO

La empresa IMEE es invitada a participar al Proceso de Contratación para las Pruebas de Potencia Máxima de la Unidad 1 y Unidad 2 de Central Alfalfal Código: PPM064-2023-CC-DCO-0 (propiedad de AES), adjudicando el 25 de septiembre 2023 el presente servicio, liderado por el experto técnico Patricio Javier Febre Cisternas.

El presente informe describe los resultados de la Prueba de Potencia Máxima en la Unidad 1 y 2, de manera simultánea, de la Central Alfalfal en la comuna de San José de Maipo, Región Metropolitana de Santiago, Chile. Por lo tanto, la empresa IMEE dispone de un Experto Técnico, el cuál supervisa la prueba en base a lo establecido en el protocolo de pruebas, y siguiendo además las indicaciones del Anexo Técnico: Pruebas de Potencia Máxima en Unidades Generadoras, emitido por el Coordinador Eléctrico Nacional.

La unidad 1 y 2 de la Central Alfalfal tiene una potencia bruta máxima de 184.300 kW (184,3 MW), según la información técnica enviada por el coordinado, la cual cuenta con una turbina hidráulica tipo Pelton cada una. La prueba de potencia máxima se realiza el día 16 de enero 2024.

A las 21:00 hrs comienza la reunión de coordinación, para dar inicio a la etapa de estabilización y coordinaciones previas a la prueba. Una vez transcurrido 60 minutos (22:00 hrs) se da inicio a la prueba para comenzar con la toma de datos y seguimiento de la prueba por parte del Experto Técnico.

Durante las cinco horas de duración de la prueba se mantuvo una potencia activa bruta estable alrededor de 67.000 [kW] (67 MW) para la unidad 1 y de 88.000 [kW] (88 MW) para la unidad 2 (valores obtenidos de los medidores de energía conectado a los bornes del generador).

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Se obtiene de la prueba los siguientes resultados (ver tabla 1) de potencia máxima bruta y neta para la unidad 1 y 2 de la Central Alfalfal (en la sección 7 del presente informe se desglosa el resumen de cálculos):

Símbolo de Variable	Descripción Variable	Valor [kW]
$P_{\max \text{ Unidad } 1}$	Potencia máxima bruta medida unidad 1	67.044
$P_{\max \text{ corregida Unidad } 1}$	Potencia máxima bruta corregida unidad 1	67.044
$P_{\max \text{ neta Unidad } 1}$	Potencia máxima neta medida unidad 1	66.320
$P_{\max \text{ neta corregida Unidad } 1}$	Potencia máxima neta corregida unidad 1	66.320
$P_{\max \text{ Unidad } 2}$	Potencia máxima bruta medida unidad 1	87.421
$P_{\max \text{ corregida Unidad } 2}$	Potencia máxima bruta corregida unidad 1	87.421
$P_{\max \text{ neta Unidad } 2}$	Potencia máxima neta medida unidad 1	86.274
$P_{\max \text{ neta corregida Unidad } 2}$	Potencia máxima neta corregida unidad 1	86.274

Tabla 1: Resultados obtenidos de la prueba de potencia máxima de la unidad 1 y 2 de Central Alfalfal operando de manera simultánea.

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A continuación, se presenta el resumen de los valores de la potencia máxima de la central.

Símbolo de Variable	Descripción Variable	Valor [kW]
$P_{\max \text{ Central}}$	Potencia máxima bruta medida de la central	154.465
$P_{\max \text{ corregida Central}}$	Potencia máxima bruta corregida de la central	154.465
$P_{\max \text{ neta Central}}$	Potencia máxima neta medida de la central	152.594
$P_{\max \text{ neta corregida Central}}$	Potencia máxima neta corregida de la central	152.594

Tabla 1.1: Resumen de valores de potencia máxima de la central.

Nota: No aplica corrección de caudal ya que el caudal ensayado es el máximo con el que puede generar la central con ambas unidades en servicio, debido a restricciones en el sistema de túneles, informado vía correo electrónico por el coordinador eléctrico nacional con fecha de 7 de enero del 2025.

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2. OBJETO DE LA PRUEBA

La prueba a realizar en Central Alfalfal ubicada en la comuna de San José de Maipo, Región Metropolitana de Santiago, Chile, tiene como objetivo determinar el valor de la máxima potencia activa bruta, solicitada por el Coordinador Eléctrico Nacional, que sea sostenible durante al menos 5 horas, bajo las exigencias medioambientales vigentes al momento de la verificación. (*definido en el artículo 35, anexo técnico Pruebas de Potencia Máxima en Unidades Generadoras*), y en conformidad a lo estipulado en el protocolo de prueba y el anexo técnico (“Pruebas de Potencia Máxima en Unidades Generadoras”), de la Norma Técnica de Seguridad y Calidad de Servicio.

En relación a lo anterior, el valor obtenido durante la prueba debe ser informado mediante el presente informe técnico al Coordinador Eléctrico Nacional, y conforme a lo establecido en el artículo 22 del anexo técnico, además, el experto técnico adjunta al presente informe el acta de la prueba.

Una vez aprobado el presente informe, este será publicado en el sitio web del Coordinador. Conforme resolución de la CNE, las empresas generadoras deberán validar el valor de potencia máxima de sus unidades en conformidad a las disposiciones del anexo técnico.

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3. DESCRIPCION GENERAL DE CENTRAL ALFALFAL

La Central ALFALFAL se emplaza en el curso superior del río Colorado, afluente del río Maipo, a 50 km. al sur oriente de la ciudad de Santiago de Chile inmediatamente aguas arriba de la bocatoma de la Central Maitenes también propiedad de AES ANDES (Ver figura N°1).

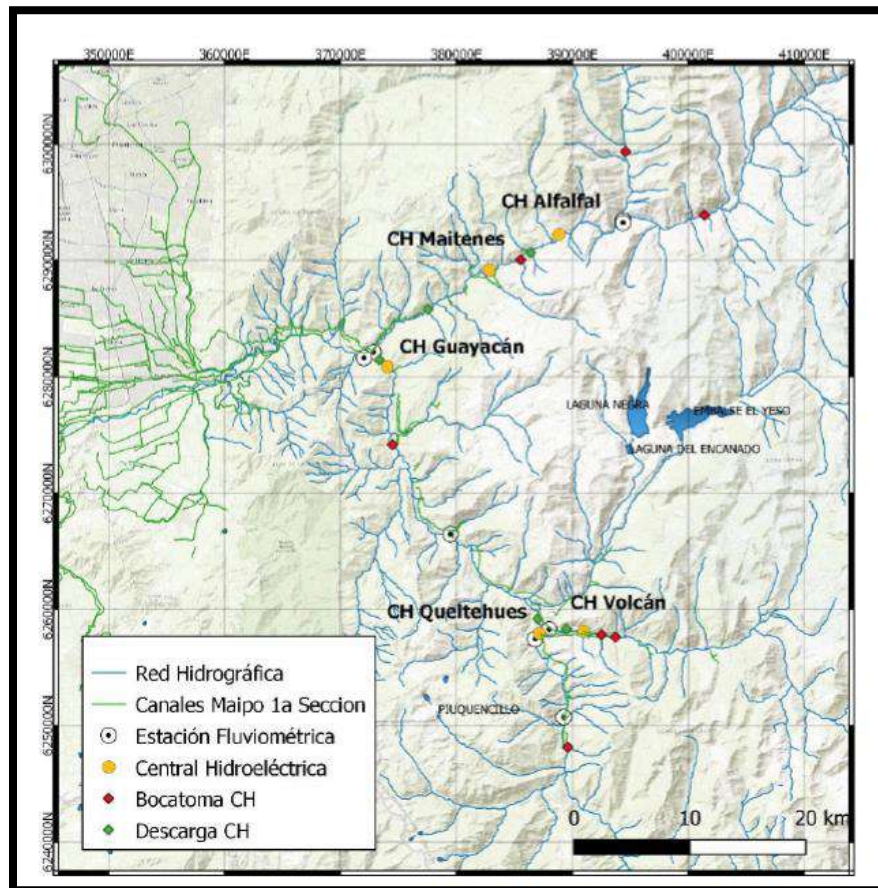


Fig. 1: Ubicación geográfica de Central Alfalfal con respecto a otras centrales hidráulicas en la misma zona.

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INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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La cuenca hidrográfica correspondiente recibe las aguas provenientes principalmente del derretimiento de las nieves, en un área cercana a los 1.100 km² de superficie, siendo sus principales cursos de aguas los ríos Colorado y Olivares.

La Central se ubican en una zona de alta cordillera, cuyo relieve se caracteriza por valles profundos y encajonados limitados por cumbres de gran altura (hasta 6.000 m.s.n.m), que se ha modelado principalmente por la acción erosiva de los hielos.

La geología del área corresponde principalmente a rocas sedimentarias, volcánicas e intrusivas que han sido asignadas por las formaciones Colimapu y Abanico.

La Central ALFALFAL ha sido concebida como una central de pasada, que aprovecha las aguas provenientes de los Ríos Colorado y Olivares mediante aducciones en espuela que se unen en una aducción común para acceder a la zona caída (Ver Figura 2).

La captación en el río Colorado es de 18 [m³/seg] (derechos de agua), ubicada aguas arriba de la confluencia con el estero Parraguirre, y una segunda captación en el Río Olivares, principal tributario del Río Colorado, con una capacidad de 12[m³/seg] (derechos de agua), situada a unos 12 km aguas arriba de la confluencia de ambos ríos.

Estás captaciones, que incluyen obras de toma, desarenadoras y cámara de carga, entregan los recursos hídricos a la central, diseñada para un caudal de 30 [m³/seg] mediante un sistema de túneles a presión de aproximadamente 22.5 km de longitud, que se inicia en las cámaras de carga de las bocatomas y termina en la zona de caída de la central.

La zona de caída está situada en la ribera derecha del río Colorado e incluye la chimenea de equilibrio, un pique blindado con una inclinación de 45°, caverna de máquinas, obras de descarga, restitución de las aguas al río Colorado.

Al interior de las cavernas de máquinas se ubican dos grupos generadores de 90 MW de potencia cada uno. En el exterior se emplaza el edificio de control, en el cual existe un sistema para la operación y comando centralizado de todas las instalaciones de la central, con ayuda de un sistema DCS.

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La entrega de la energía de la Central ALFALFAL al sistema interconectado se hace mediante una línea de transmisión de 220 KV con doble circuito, con un trazado de 45 Km de longitud que se desarrolla en la precordillera, desde el patio de alta tensión de la central hasta la subestación Los Almendros, ubicada en el sector oriente de la ciudad de Santiago. También, tiene la opción de entregar energía con la línea ALFALFAL a la Subestación Alto Maipo a través de un autotransformador de 220/110 kv con una capacidad de 200 MVA.

Las características generales de la central y sus principales datos técnicos son los siguientes (*Ver Tabla N°2*):

Cuenca	1.092 km ²
Caudal de diseño	30 m ³ /seg.
Cota cap. Colorado	2.061,5 m.s.n.m.
Cota cap. Olivares	2.041.0 m.s.n.m.
Cota eje inyectoros	1.333.0 m.s.n.m.
Altura bruta caída	715m.
Altura neta caída	690m.
Tipo de turbina	Pelton
Número turbinas	2
Disposición del eje	Vertical
Número de inyectoros	6
Potencia instalada	2 x 90MW
Generación media anual	860 GWH
Tensión de transmisión	220 kv.

Tabla 2: Características generales de la central.

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La central contempla tres túneles principales, cuyas características básicas son las siguientes (Ver figura N°2):

- Tunel Colorado: Longitud 10.6 Km de 12 m2 de sección.
- Túnel Olivares: Longitud 5.4 Km de 10 m2 sección.
- Túnel común: Longitud 6.5 Km de 18 m2 sección.

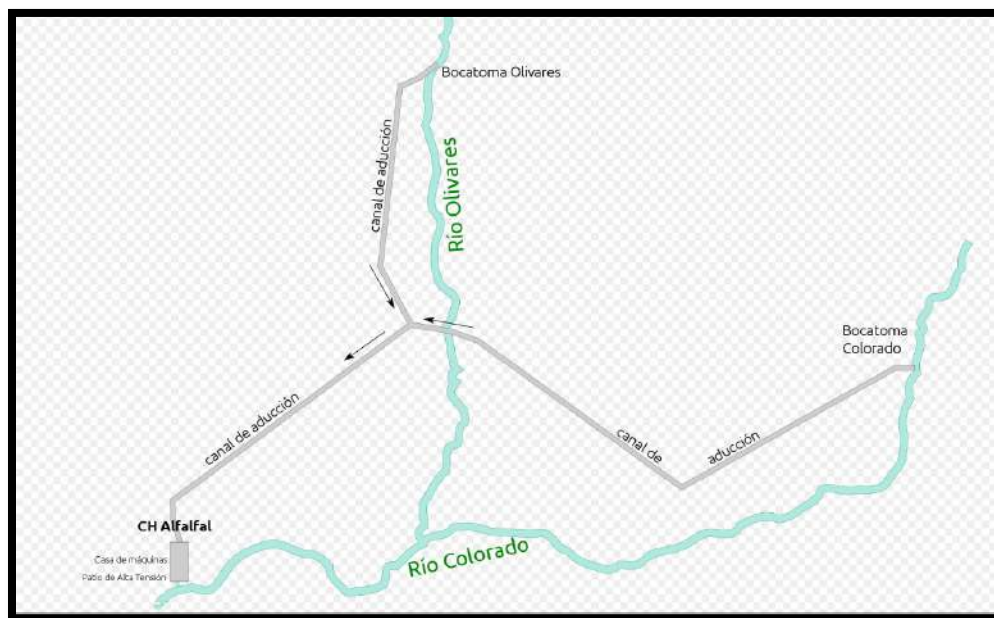


Fig. 2: Esquema de túneles que suministran el caudal de agua provenientes de los ríos Olivares y Colorado a la central Alfalfal.

La caverna de máquinas excavada en roca, a la cota de 1.326 m.s.n.m, tiene las siguientes dimensiones principales:

- Largo: 70 metros.
- Largo: 15 metros.
- Largo: 30 metros.

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En esta caverna se ubican dos turbinas Pelton de eje vertical y generadores sincrónicos directamente acoplado.

4. ESPECIFICACIONES TÉCNICAS DE LA CENTRAL Y EQUIPOS MÁS INFLUYENTES EN LA PRUEBA

La presente sección indica las especificaciones técnicas principales de la central.

4.1 CAUDALES DE AGUA DISPONIBLE:

Los valores de los caudales son en base a los derechos de agua que dispone el coordinado para la captación del agua de los ríos Colorado y Olivares (**En el anexo C, sección C.1 se adjunta la documentación relacionada a los derechos de agua).**

- Bocatoma Colorado	: 18.00m ³ /s
- Obras de conducción de la rama Colorado (Túnel Chacayes, tubería de cruce del río Colorado, túnel Colorado y tubería de cruce del río Olivares	: 18.00m ³ /s
- Desarenador Colorado	: 18.00m ³ /s
- Bocatoma Olivares	: 12.00m ³ /s
- Obras de conducción de la rama Olivares	: 12.00m ³ /s
- Túnel Común y tubería de presión	: 30.00m ³ /s
- Canal de descarga de las turbinas	: 30.00 m ³ /s

Tabla 3: Resumen de caudales de agua desde los ríos Colorado y

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4.2 ALTURAS DE CAÍDA:

<u>Alturas de caída</u>	
- Bruta máxima	: 715 m
- Neta máxima	: 706 m
- Neta media de verano	: 682 m
- Neta media de invierno	: 682 m
- Neta mínima	: 676 m

Tabla 4: Resumen de alturas de

4.3 PRODUCCIÓN DE ENERGÍA:

<u>Producción de energía</u>	
- Potencia instalada	: 180 MW
- Generación media Anual	: 860 Gwh
Invierno (abril-septiembre)	: 290 Gwh
Verano (octubre-marzo)	: 570 Gwh
- Factor de planta medio anual	: 0.59

Tabla 5: Resumen de producción de energía.

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Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

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4.4 DATOS DE TÚNEL COLORADO (EN PRESIÓN):

<u><i>Túnel Colorado (en presión)</i></u>	
- Túnel de 11.7 m2	: 9515 m
- Pique de 9.6 m2 (P13-P12)	: 344 m
- Pique de 9.1 m2 (P11P10)	: 348 m
- Conducto d 2.6 m (incluye cruce Olivares)	: 2.420 m

Tabla 6: Resumen de datos túnel Colorado.

4.5 DATOS DE TÚNEL OLIVARES (EN PRESIÓN):

<u><i>Túnel Olivares (en presión)</i></u>	
- Túnel de 16.7 m2	: 805 m
- Túnel de 15,9 m2	: 1380 m
- Túnel de 10.1 m2	: 315 m
- Ducto de 2,5 m x 2,5 m	: 530 m

Tabla 7: Resumen de datos túnel Olivares.

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Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
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4.6 DATOS DE TURBINAS:

Central Alfalfal esta compuestas por dos unidades con turbinas gemelas de igual marca y diseño.

Los datos generales de la turbina se visualizan en la tabla N°8.

<u>Casa de máquinas</u>	
- Turbinas (2)	: Pelton
disposición	: vertical
número chorros	: 6
caudal nominal	: 13,5 m ³ /s
potencia nominal	: 90MW
Velocidad nominal	: 500 r.p.m.

Tabla 8: Resumen de datos túnel Olivares.

Cabe señalar, que el Coordinado nos informa que durante el año 2013 se adquieren y prueban cuatro rodets (2 rodets quedan en operación y los otros dos para reemplazo), con un nuevo diseño para aumentar la eficiencia termodinámica de la turbina hidráulica, obteniéndose los siguientes resultados en la tabla N°9 **(El reporte con la prueba realizada se adjunta en la sección anexos):**

Unit 1	v1R6NA	n = 500 rpm	H_{rated} = 690.0 m	D₁ = 2105 mm	P = 92150 kW

Tabla 9: Resumen de los principales parámetros de la

Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
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Firma		Firma		Firma	
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4.7 DATOS DE PLACA DE LOS GENERADORES ELÉCTRICOS

Potencia aparente	95,0 MVA
Factor de potencia	0,85
Tensión del generador	12,0 kV
Frecuencia	50 Hz
Corriente del generador	4571 A
Corriente de campo (excitatriz)	1397 A
Tensión de campo (excitatriz)	149,5 V
Rotación	500 rpm

Tabla 10: Resumen de datos del generador eléctrico.

4.8 DATOS DE VÁLVULAS DE PROTECCIÓN, GENERADORES ELÉCTRICOS Y TRANSFORMADORES:

- Válvulas de protección (2)		
tipo	:	esféricas
diámetro	:	1200 mm

Tabla 11: Resumen de datos de las válvulas de

Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
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Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

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- Transformadores : número	: 2
capacidad nominal	: 95MVA
voltaje nominal	: 230/12 KV

Tabla 12: Resumen de datos de los transformadores.

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Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

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5. DESCRIPCIÓN DE LA PRUEBA.

La prueba se ejecuta el día 16 de enero 2024 desde las 22:15 hasta 03:15 hrs, en modalidad presencial, la cual se cumple el periodo de 5 horas continuas conforme a lo requerido en el Anexo técnico de Pruebas de Potencia Máxima. A continuación, se describen las diferentes etapas durante la prueba:

- 5.1 Se inicia reunión de coordinación desde las 21:00 hrs, junto a los participantes de la prueba Experto Técnico y Coordinado, finalizando a las 22:00 hrs.
- 5.2 Durante las 21:00 a 22:00 hrs se realizan las siguientes observaciones:
 - 5.2.1 Se mantiene la experiencia aprendida por parte del equipo del experto técnico y se procede a realizar registro fotográfico cada 15 minutos de los medidores de energía de facturación (U1 y U2) y el conectado en los bornes del generador de la unidad 1 y 2. Las fotografías se realizan por medio de la aplicación timestamp para registrar la fecha y la hora de la foto. (ver figura N°3, 4, 5 y 6).



Fig. 3: Medidor de energía facturación U1.

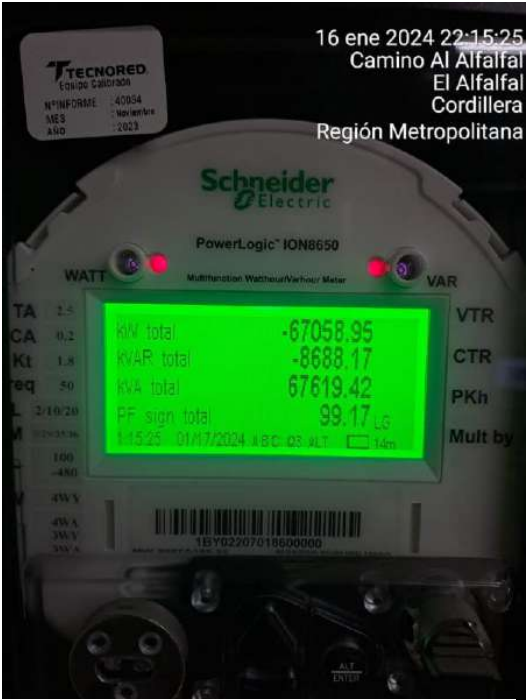


Fig. 4: Medidor de energía conectado a los bornes del generador unidad 1.

Realiza	Francisco Gorigoitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
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Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

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Fig. 5: Medidor de energía facturación U2.



Fig. 6: Medidor de energía conectado a los bornes del generador unidad 2.

- 5.2.2 Comienzan los preparativos para iniciar la prueba de potencia máxima.
- 5.2.3 Se utiliza grupo de whatsapp para dejar el registro fotográfico e información relevante, a todos los involucrados en la prueba (Coordinado – Experto técnico – Coordinador).
- 5.2.4 Se revisan los check list del protocolo de prueba antes de comenzar la prueba.
- 5.2.5 Se acuerda realizar la prueba con factor de potencia entre 0,98 a 0.99 y se realizará corrección para los cálculos en el informe final.
- 5.2.6 Las mediciones ambientales se obtendrán de estación meteorológica cercana a la central Alfalfal.
- 5.2.7 Se generan tendencias en DCS de las variables de generación bruta, caudal y presión de pique medidos en metros de columna de agua.
- 5.2.8 Se deja registro fotográfico al inicio de la prueba comprobando la desconexión del virtual reservoir en terreno.

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Realiza	Francisco Gorigoitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

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5.2.9 Conforme a protocolo de prueba la data recopilada del medidor conectado a los bornes del generador se registra cada 5 minutos.

5.3 A las 22:15 hrs se da inicio a la prueba de Potencia Máxima de Central Alfalfal Unidad 1 y 2 (**ambas unidades en simultaneo**).

5.4 Durante la prueba se establecen las siguientes consideraciones:

5.4.1 Duración de 5 horas, donde se visualiza a Central Alfalfal unidad 1 generando de manera estable alrededor de 67.000 [kW] y la unidad 2 alrededor de 88.000 [kW].

5.5 A las 03:15 hrs finaliza la prueba de Potencia Máxima de Central Alfalfal Unidad 1 y 2 (**ambas unidades en simultaneo**).

5.6 Consideraciones de la prueba:

6.1 El periodo de la prueba es de 5 horas y se estableció desde las 22:15 hrs a 03:15 hrs, se tomaron datos de respaldo durante 30 minutos después de finalizar la prueba.

6. INFORMACIÓN GENERAL ANTES Y DURANTE EL PROCESO DE LA PRUEBA

6.1 El Coordinado envía los certificados de calibración de los siguientes medidores de energía:

Medidor	Marca	Modelo	N° Serie	Fecha de Calibración
Medidor de Facturación Unidad 1	Schneider Electric	M8650A4C0H5E1B0A	MW-2103A385-02	07/12/2023
Medidor conectado a los bornes del generador de la Unidad 1	Schneider Electric	M8650A4CH5E1B0A	MW-2207A186-02	13/11/2023
Medidor de Facturación Unidad 2	Schneider Electric	M8650A4C0H5E1B0A	MW-2102A425-02	07/12/2023
Medidor conectado a los bornes del generador de la Unidad 2	Schneider Electric	M8650A4C0H5E1B0A	MW-2207A187-02	13/11/2023

Tabla 13: Identificación de los medidores de energía.

En el Anexo B se adjuntan los certificados de calibración de los medidores de energía.

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Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
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6.2 A continuación, se muestra el resumen de los valores medidos y sus variaciones:

Ítem	Parámetro	Valores obtenidos del Coordinado	Unidad	Desviación Permitida del Promedio de los datos registrados durante la prueba
1	Altura Bruta	715	[m]	(+/-) 1,5 [%]
2	Caudal para Unidad N°1	15	[m3/s]	(+/-) 1,5 [%]
3	Caudal para Unidad N°2	15	[m3/s]	(+/-) 1,5 [%]
4	Potencia Bruta Unidad N°1	92.150	[kW]	(+/-) 1,5 [%]
5	Potencia Bruta Unidad N°2	92.150	[kW]	(+/-) 1,5 [%]
6	Potencia Bruta Unidad N°1 y N°2 (simultáneamente)	184.300	[kW]	(+/-) 1,5 [%]
7	Factor de potencia	0,95 (para la prueba)	[-]	(+/-) 2 [%]
8	Velocidad de rotación	500	[rpm]	(+/-) 0.5 [%]

Tabla 14: Variación de valores durante la

7. HOJAS DE CÁLCULO COMPLETAS DEL ENSAYO.

En el presente informe se realiza el cálculo de las correcciones a la potencia máxima bruta y potencia máxima neta medida en base a lo establecido en el anexo técnico para Pruebas de Potencia Máxima.

7.1. CÁLCULO DE POTENCIA MÁXIMA BRUTA CORREGIDA

En esta sección se presenta el cálculo de la potencia máxima bruta corregida de la unidad 1 y 2 de la Central Alfalfal.

Se realizan dos correcciones, la primera es la corrección del factor de potencia y la segunda es por el ajuste de caudal, ya que no se logró que los deshielos aportarán los caudales máximos necesarios a la fecha en que se realizó la prueba.

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Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

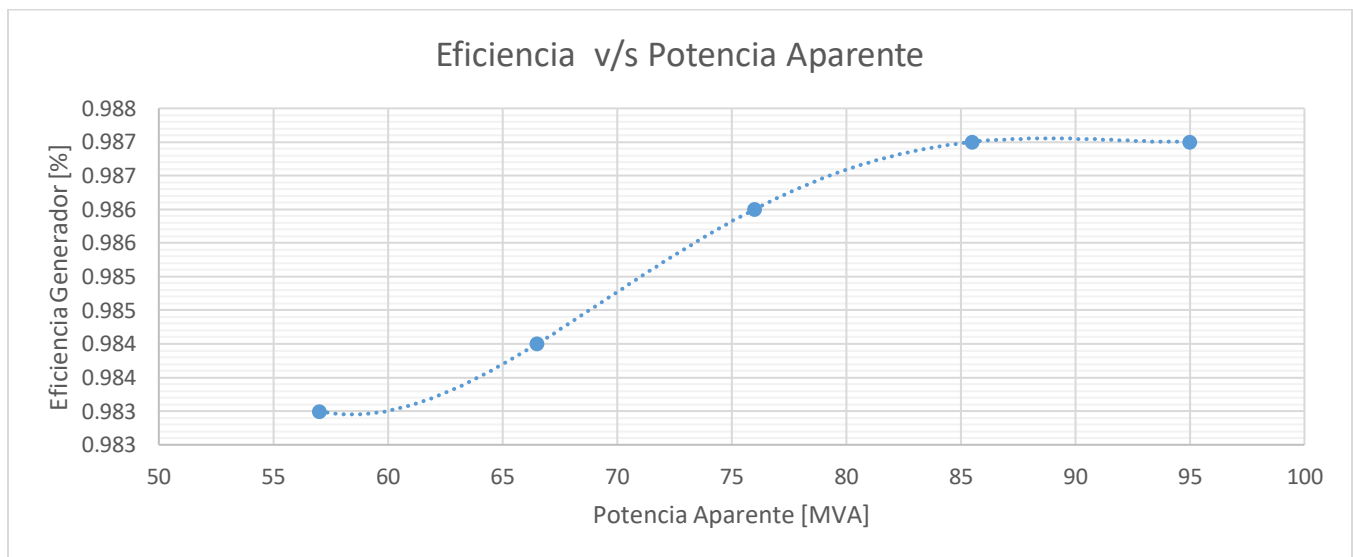
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7.1.1. CORRECCIÓN POR FACTOR DE POTENCIA UNIDAD 1

Para realizar la corrección del factor de potencia no se logró obtener por parte del coordinado una curva que entregue factores de corrección de manera directa, por lo tanto, se realizan ajustes en base a la información entregada por el fabricante del generador y consideraciones técnicas para lograr los valores de corrección.

Se obtiene resumen de los valores de rendimiento del generador en diferentes condiciones de potencia aparente para un factor de potencia de 0,85 y se elabora la siguiente curva:

- At 95,0 MVA (100% load)				98,7
- At 85,5 MVA (90% load)				98,7
- At 76,0 MVA (80% load)				98,6
- At 66,5 MVA (70% load)				98,4
- At 57,0 MVA (60% load)				98,3



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Realiza	Francisco Gorioitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
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Se obtiene realizando una interpolación lineal entre los siguientes puntos de la curva, para obtener el valor de la eficiencia al valor promedio de la potencia aparente obtenida durante la prueba de la unidad 1, resultando un valor de 67,774 [MVA]:

EJE ABSCISA	EJE ORDENADA
X	Y
Potencia Aparente [MVA]	Eficiencia [%]
95	0.987
85.5	0.987
76	0.986
66.5	0.984
57	0.983

$$Eficiencia_{0.85 U1} = \left[\frac{(0,986 - 0,984)}{(76 - 66,5)} \right] \times (67,774 - 66,5) + 0,984$$

$$Eficiencia_{0.85 U1} = 98,426 [\%]$$

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Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
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Firma		Firma		Firma	
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Para obtener el rendimiento del generador eléctrico de la unidad, durante la prueba, se considera lo siguiente:

$$P_{G\ U1} = \eta_{h1} \times \eta_{G1} \times P_{hidráulica\ U1}$$

Donde:

$P_{G\ U1}$: Potencia del generador eléctrico de la unidad 1.

η_{h1} : Rendimiento hidráulico = 90.01% (obtenido del test report N° **HSZ/2013 – 0420**).

η_{G1} : Rendimiento del generador de la unidad 1 a un factor de potencia de 0,9892,

$P_{hidráulica\ U1}$: Potencia hidráulica de la unidad 1.

Además, se sabe que:

$$P_{hidráulica\ U1} = g \times \rho \times Q_{U1} \times H$$

Donde:

g : gravedad $[m/s^2]$.

ρ : densidad $[Kg/m^3]$.

Q_{U1} : Caudal de la unidad 1 $[m^3/s]$.

H : Altura [m. c. a].

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Por lo tanto, de la igualdad resulta:

$$\eta_{G1} = \frac{P_{G U1}}{g \times \rho \times Q_{U1} \times H \times \eta_{h1}}$$

Por lo tanto, el rendimiento del generador eléctrico de la unidad 1 se deja en función del caudal, realizando una iteración para obtener los siguientes valores:

Q [m3/s]	Rendimiento generador eléctrico de la unidad 1
1	10.9858
5	2.1972
10	1.0986
11	0.9987
11.05	0.9942
11.1	0.9897
11.12	0.9879
11.13	0.9870
11.14	0.9862
11.15	0.9853
11.16	0.9844
11.17	0.9835
11.18	0.9826
11.19	0.9817
11.2	0.9809
11.25	0.9765
11.3	0.9722

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Por lo tanto, se obtienen los siguientes valores promedios consistentes:

VALORES PROMEDIO		
	Q [m3/s]	Rendimiento generador eléctrico de la unidad 1
	11.13	0.9870
	11.14	0.9862
	11.15	0.9853
	11.16	0.9844
	11.17	0.9835
PROMEDIO	11.15	0.9853

$$Q_{U1}: 11,15 \left[m^3/s \right].$$

$$\eta_{G1} = 98,53 \text{ [\%]} \text{ a factor de potencia de } 0,9892$$

Finalmente, al calcular la diferencia entre los rendimientos con factor de potencia 0,85 y factor de potencia medido durante la prueba a 0,9853, resulta una variación del 0,11%, considerando despreciable la variación y resultando lo siguiente:

$$P_{G U1} = P_{U1 \text{ corregida FC}} = 67.044,34 \text{ [KW]} \approx 67.044 \text{ [KW]}$$

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Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

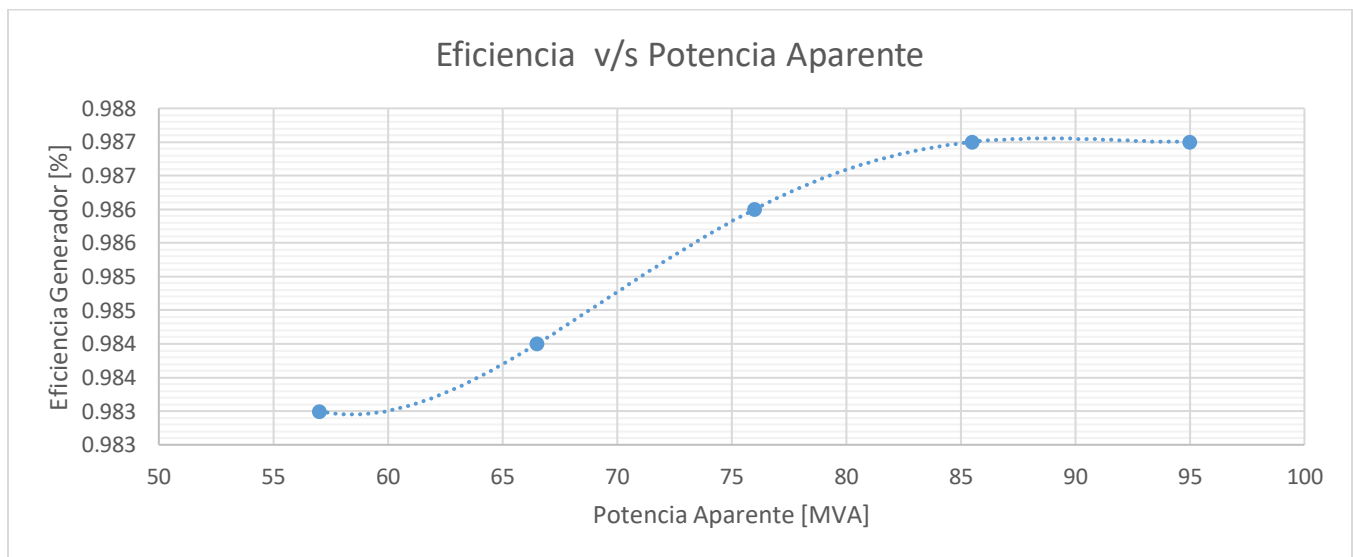
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7.1.2. CORRECCIÓN POR FACTOR DE POTENCIA UNIDAD 2

Para realizar la corrección del factor de potencia no se logró obtener por parte del coordinado una curva que entregue factores de corrección de manera directa, por lo tanto, se realizan ajustes en base a la información entregada por el fabricante del generador y consideraciones técnicas para lograr los valores de corrección.

Se obtiene resumen de los valores de rendimiento del generador en diferentes condiciones de potencia aparente para un factor de potencia de 0,85 y se elabora la siguiente curva:

- At 95,0 MVA (100% load)				98,7
- At 85,5 MVA (90% load)				98,7
- At 76,0 MVA (80% load)				98,6
- At 66,5 MVA (70% load)				98,4
- At 57,0 MVA (60% load)				98,3



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Realiza	Francisco Gorioitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
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Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

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Se obtiene realizando una interpolación lineal entre los siguientes puntos de la curva, para obtener el valor de la eficiencia al valor promedio de la potencia aparente obtenida durante la prueba de la unidad 2, resultando un valor de 87,999 [MVA]:

EJE ABSCISA	EJE ORDENADA
X	Y
Potencia Aparente [MVA]	Eficiencia [%]
95	0.987
85.5	0.987
76	0.986
66.5	0.984
57	0.983

$$Eficiencia_{0.85 \text{ } U_2} = \left[\frac{(0.987 - 0.987)}{(95 - 85.5)} \right] \times (87.999 - 85.5) + 0.987$$

$$Eficiencia_{0.85 \text{ } U_2} = 98,7 \text{ [%]}$$

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Para obtener el rendimiento del generador eléctrico de la unidad, durante la prueba, se considera lo siguiente:

$$P_{G\ U2} = \eta_{h2} \times \eta_{G2} \times P_{hidráulica\ U2}$$

Donde:

$P_{G\ U2}$: Potencia del generador eléctrico de la unidad 2.

η_{h2} : Rendimiento hidráulico = 90.01% (obtenido del test report N° **HSZ/2013 – 0420**).

η_{G2} : Rendimiento del generador de la unidad 2 a un factor de potencia de 0,9934,

$P_{hidráulica\ U2}$: Potencia hidráulica de la unidad 2.

Además, se sabe que:

$$P_{hidráulica\ U2} = g \times \rho \times Q_{U2} \times H$$

Donde:

g : gravedad $[m/s^2]$.

ρ : densidad $[Kg/m^3]$.

Q_{U2} : Caudal de la unidad 2 $[m^3/s]$.

H : Altura [m. c. a].

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Por lo tanto, de la igualdad resulta:

$$\eta_{G2} = \frac{P_{G\ U2}}{g \times \rho \times Q_{U2} \times H \times \eta_{h2}}$$

Por lo tanto, el rendimiento del generador eléctrico de la unidad 2 se deja en función del caudal, realizando una iteración para obtener los siguientes valores:

Q [m3/s]	Rendimiento generador eléctrico de la unidad 1
1	14.3247
5	2.8649
10	1.4325
11	1.3022
12	1.1937
13	1.1019
14	1.0232
14.1	1.0159
14.2	1.0088
14.3	1.0017
14.4	0.9948
14.5	0.9879
14.51	0.9872
14.52	0.9865
14.6	0.9811
14.7	0.9745
14.8	0.9679

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Realiza	Francisco Gorioitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
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Por lo tanto, se obtienen los siguientes valores consistentes:

$$Q_{U2}: 14,51 \left[m^3/s \right].$$

$$\eta_{G1} = 98,72 [\%] \text{ a factor de potencia de } 0,9934$$

Finalmente, al calcular la diferencia entre los rendimientos con factor de potencia 0,85 y factor de potencia medido durante la prueba a 0,9934, resulta una variación del 0,02%, considerando despreciable la variación y resultando lo siguiente:

$$P_{G U2} = P_{U2 \text{ corregida FC}} = 87.421,27 [KW] \approx 87.421 [KW]$$

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7.2. CÁLCULO DE POTENCIA NETA CORREGIDA DE LA UNIDAD

Para la prueba se realiza la medición de la potencia neta por medio del medidor de facturación, ya que no hay posibilidad de medir los consumos propios de manera directa.

En base a las consideraciones realizadas en la sección 7.1 del presente informe, la variación del factor de potencia no genera una variación significativa en el valor final de la potencia máxima obtenida, por lo tanto, no se realiza corrección por factor de potencia.

Para calcular la potencia neta al valor proyectado de potencia máxima se obtiene a partir de las pruebas realizadas de manera independiente en cada unidad y para poder sustentar los valores se realiza la comparativa porcentual con las pruebas en simultaneo de las dos unidades en la siguiente tabla:

Tipo de Prueba	Unidad en Prueba	Potencia Bruta medida en los bornes del generador [KW]	Potencia Neta medida en el medidor de facturación [KW]	Diferencia en [KW]	Diferencia porcentual con respecto a la potencia bruta [%]
Solo operando una unidad	U1	93367	92076	1291	1.383%
Solo operando una unidad	U2	93757	92477	1280	1.365%
Las dos unidades operando en simultáneo	U1	67044	66320	724	1.080%
Las dos unidades operando en simultáneo	U2	87421	86274	1147	1.312%

Por lo tanto, operando a máxima carga se obtiene una diferencia porcentual promedio de consumos de 1,374%, resultando un valor de 1285 [KW] con respecto al valor proyectado de potencia máxima definido anteriormente de 93.501 (KW).

Realiza	Francisco Gorigoitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
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A consecuencia, de lo calculado anteriormente, resulta lo siguiente:

$$P_{max\ neta\ corregida} = P_{max\ neta\ Unidad\ 1} = 93.501\ [kW] - 1.285\ [kW] = 92.216\ [kW]$$

En la sección F.1 y F.3 del anexo F del presente informe, se adjuntan las tablas con los valores promedio de la potencia máxima neta medida en el medidor de facturación para cada unidad obtenido durante la prueba en simultaneo.

Realiza	Francisco Gorigoitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
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7.3. RESUMEN DE CÁLCULOS DE POTENCIA OBTENIDOS

A continuación, se muestra el resumen de los de datos medidos y calculados como objetivo de la prueba de potencia máxima para la unidad 1 y 2 de Central Alfalfal propiedad de AES CHILE, operando de manera simultánea.

Símbolo de Variable	Descripción Variable	Valor [kW]
$P_{\max \text{ Unidad } 1}$	Potencia máxima bruta medida unidad 1	67.044
$P_{\max \text{ corregida Unidad } 1}$	Potencia máxima bruta corregida unidad 1	67.044
$P_{\max \text{ neta Unidad } 1}$	Potencia máxima neta medida unidad 1	66.320
$P_{\max \text{ neta corregida Unidad } 1}$	Potencia máxima neta corregida unidad 1	66.320
$P_{\max \text{ Unidad } 2}$	Potencia máxima bruta medida unidad 2	87.421
$P_{\max \text{ corregida Unidad } 2}$	Potencia máxima bruta corregida unidad 2	87.421
$P_{\max \text{ neta Unidad } 2}$	Potencia máxima neta medida unidad 2	86.274
$P_{\max \text{ neta corregida Unidad } 2}$	Potencia máxima neta corregida unidad 2	86.274

Tabla 15: Resumen de valores medidos y calculados de la prueba.

Realiza	Francisco Gorioitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
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Símbolo de Variable	Descripción Variable	Valor [kW]
$P_{\max \text{ Central}}$	Potencia máxima bruta medida de la central	154.465
$P_{\max \text{ corregida Central}}$	Potencia máxima bruta corregida de la central	154.465
$P_{\max \text{ neta Central}}$	Potencia máxima neta medida de la central	152.594
$P_{\max \text{ neta corregida Central}}$	Potencia máxima neta corregida de la central	152.594

Tabla 16: Resumen de valores de potencia máxima de la central.

Nota: No aplica corrección de caudal ya que el caudal ensayado es el máximo con el que puede generar la central con ambas unidades en servicio, debido a restricciones en el sistema de túneles, informado vía correo electrónico por el coordinador eléctrico nacional con fecha de 7 de enero del 2025.

Realiza	Francisco Gorioitía Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
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ANEXOS A

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Realiza	Francisco Gorigoitia Acuña	Revisa	Patricio Febre Cisternas	Aprueba	Coordinador Eléctrico Nacional
Cargo	Ingeniero de Proyectos	Cargo	Experto Técnico	Cargo	
Firma		Firma		Firma	
Fecha	17/02/2025	Fecha	17/02/2025	Fecha	17/02/2025

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

A.1 ESPECIFICACIONES TÉCNICAS DEL GENERADOR ELÉCTRICO

DATOS TÉCNICOS	
Potencia nominal	95000 kVA
Tension nominal	12,0 kV
Cos phi	0,85
Frecuencia	50 Hz
Velocidad nominal	500 min ⁻¹
Velocidad de embalamiento max.	860 min ⁻¹
Par motor nominal	1814 kNm
Par max. de cortocircuito	18860 kNm
Momento de inercia de la masa del rotor	175 tm ²
Consumo de aire refrigerante	27 m ³ /s
Sentido de giro	isquierdas visto del lado BS
Peso del rotor	153 t
Peso del estator	120 t
Peso max. de transporte (Laminado del rotor+Eje)	90 t
Peso max. de montaje (rotor)	150 t

Siemens S. A.	4L1.0111-008023	DATA 01.10.87	ASS. 	CONF.

300 P. 104 - S. 10 - C. 70

SIEMENS

4. Datos conforme Especificación Técnica
* Características Garantizadas

CHILGENER S A	
PROYECTO ALFALFA	
CIN	
CB30HV - JONES	
C H	
CB30VA 25 G	
HALL R B JONES	
Y NEER L H	
F I M A	
F E C H A	DEL-1474 Nº CONTROL

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14.3 TECHNICAL SCHEDULES

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Valores Definitivos p/ ejecución

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Variante D

ITEM	DESCRIPTION	UNIT	Guaranteed Figure
1.	MAIN DATA		
	- Rated load	MVA	95/104
	- Rated voltage	kV	12
	- Rated power factor	p.f	0.85
	- Rated current	A	4571
	- Rated frequency	Hz	50
	- Synchronous rotation speed	r/min	500
	- Maximum overspeed	r/min	860
	- Flywheel effect, GD2	tm2	> 700
	- Direction of rotation		counterclockwise
	- 1st. critical speed of turbine generator		min from top > 1075
2.	LOSSES		
	(Bearing losses caused by turbine hydraulic load shall not be included)		
	- No-load losses	kW	635
	- Load losses	kW	400.
3.	EFFICIENCIES		
	(Bearing losses caused by turbine hydraulic load shall not be considered)		
	- At 95,0 MVA (100% load)	%	98,7
	- At 85,5 MVA (90% load)	%	98,7
	- At 76,0 MVA (80% load)	%	98,6
	- At 66,5 MVA (70% load)	%	98,4
	- At 57,0 MVA (60% load)	%	98,3
	- Weighted average η	%	98,6
	$\eta = (9 \times \eta_{100} + 2 \times \eta_{80} + 2 \times \eta_{60}) / 13$		

INFORMATIVE DATA

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ITEM	DESCRIPTION	UNIT	DATA
1.	LOSSES		
	- Iron losses	kW	186
	- Ventilation losses	kW	215
	- Bearing losses	kW	174
	- Excitation no-load losses	kW	60
	- Stator R12-losses	kW	179
	- Additional load losses	kW	94
	- Excitation and field circuit losses	kW	127
	FLUX DENSITIES		
	At rated voltage:		
	- In the stator teeth	T	1.67
	- In the stator yoke	T	1.03
	- In the pole core (incl. stray field)	T	1.40
3.	EXCITATION		
	- Excitation at generator rated load and the field winding at steady operating temperature:		
	- excitation current	A	$I_{FN} = 1397 \text{ A}$
	- excitation voltage	V	$I_{FO} = 756 \text{ A}$
	- Initial excitation system response	V/s	
	- Excitation transformer		
	- rated output	kVA	
	- rated secondary voltage	V	
	- vector group		
	- Impedance voltage	%	
	- Thyristor bridge		
	- nos. of parallel paths		
	- nos. of thyristors in series per circuit		
	- thyristor peak reverse voltage	V	
	- thyristor rated average forward current	A	
	- thyristor Joule Integral	A2s	
	- thyristor fuse rated average current	A	
	- thyristor fuse Joule Integral	A2s	
	- Current transformers for protection of excitation		

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ITEM	DESCRIPTION	UNIT	Guaranteed Figure
4.	TEMPERATURE RISE		
	Maximum temperature rise above the cooling air (max 25°C) at rated load and voltage:		
	- Stator winding, average value measured with ETD	°C	≤ 86
	- Rotor winding, the entire winding measured by the resistance method	°C	≤ 86
	- Stator core, average value measured with ETD	°C	≤ 75
	Maximum temperature rise above ambient air		
	- Slip rings, measured with bulb thermometer after machine run-out	°C	≤ 60
	- Excitation transformer windings, average measured with ETD	°C	
	- Excitation thyristors, measured with contact thermometer at the thyristor base	°C	
	Absolute temperatures		
	- Bearing temperatures, measured with resistance thermometers embedded in the babbit metal	°C	70
	- Outlet cooling water, the inlet temperature not exceeding 15 °C	°C	20
	- Generator cooling air	°C	
	<i>Bearing temperatures after 5 minutes maximum runaway speed</i>	°C	75
	INHERENT VOLTAGE REGULATION		
	- Voltage rise above nominal voltage at the generator terminals by throw-off of rated load and constant excitation	%	15
	REACTANCES		
	- Unsaturated direct axis synchronous reactances, x'	p.u.	1.1
	- Saturated direct axis transient reactances, x''	p.u.	0.27
	- Saturated direct axis subtransient reactances, x_d''	p.u.	0.18
	IRREGULARITIES OF WAVE FORM		
	- Telephone harmonic factor, THF	%	≤ 4.5

INFORMATIVE DATA

CHAPTER F3 - 1 GENERATORS

ITEM	DESCRIPTION	UNIT	DATA
	transformer		
	- Type	A	
	- Core I: rated secondary current burden/accuracy class	VA/	
	- Rated short-time thermal current (Is)	kA rms	
	- Rated dynamic current	kA peak	
	- Type of ventilation (nat.conv. or forced)		
	- Cooling air flow	m ³ /s	
	Voltage regulator (AVR)		
	- frequency influence unit, setting range	Hz	
	- active current compensation, setting range	%	
	- react. current limiter, free running adj. range	%	
	- the minimum generator terminal voltage (in percent of rated value) for which continuous operation is possible	%	
	- Field suppression system		
	- excitation circuit breaker, rated recovery voltage	V DC	
	- breaking capacity at rated recovery voltage	A DC	
	- estimated peak value of field current at fault conditions	A	
	- maximum design voltage across the field discharge resistor (peak)	V	
	- Overvoltage protection trigger voltage	V	
	- Field flashing:		
	- field flashing current (from battery)	A	
	- estimated time for voltage build-up	s	
	- required cooling time before repeated starting	s	
I.	REACTANCES		
	x _d (unsaturated)	p.u.	1.1
	x _q	p.u.	0.80
	x' _d (saturated)	p.u.	0.27
	x'' _d	p.u.	0.18
	x'' _q	p.u.	0.22
	x _p	p.u.	0.20
	x ₂	p.u.	0.20
	x ₀	p.u.	0.08

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CHAPTER F3 - 1 GENERATORS

ITEM	DESCRIPTION	UNIT	DATA
10.	OVERLOAD CAPACITY		
	Generator current in excess of rated current at rated voltage, for 15 s	%	150
11.	STATOR		
	- Stator bore	mm	3300
	- Stator laminations, outer diameter	mm	4250
	- Stator gross length	mm	2052
	- Stator net iron length	mm	1764
	- Loss figure of laminations at 10T	W/kg	1,10
	- Lamination thickness	mm	0,50
	- Nos. of slots	~~mm x mm~~	180
	- Slot dimensions (width x depth)	mm x mm	23,5 x 14,3/510
	- Net weight of laminations	tonne	65
12.	STATOR WINDING		
	- Nos. of parallel current paths		2
	- Nos. of conductors/slot		2
	- Nos. of strands/conductor		56
	- Coil span		0,87
	- Conductor cross section	mm ²	855
	- Conductor strand dimensions	mm x mm	8,2 x 1,9
	- Current density	A/mm ²	2,67
	- Thickness of ground insulation	mm	2,8
	- Weight of copper	kg	10300
	- Resistance per phase at 20 °C	- -	2,35 x 10 ⁻³
13.	ROTOR		
	- Nos. of poles		12
	- Air gap (min/max)	mm/mm	30,5 / 33,5
	- Dimensions of pole shoe (W x L x H)		610 x 82 x 219
	- Dimensions of pole core (W x L x H)		460 x 255 x 219

INFORMATIVE DATA

CUMULATIVE F3 - 1 GENERATORS

ITEM	DESCRIPTION	UNIT	DATA
14.	ROTOR WINDING		
	- Nos. of windings per pole		37
	- Conductor cross section	mm x mm	85/97 x 5.7
	- Current density	A/mm ²	2.60
	- Weight of copper	kg	11350
	- Rotor resistance at 20 °C	ohms	0.087
	- Thickness of insulation laminate	mm	0.36
	DAMPER WINDING		
	- Nos. of bars per pole		6
	- Bar cross section	mm ²	314
	- Short circuit ring cross section	mm ²	942
	- Current density at 20% negative sequence rotating field	A/mm ²	7.2
	- Weight of copper	kg	610
16.	SLIP RINGS AND BRUSHES		
	- Slip ring surface velocity	m/s	29.3
	- Brush manufacture and type designation		EM-SCHUNK-EBE
	- Nos. of brushes of each ring		16
	- Current density in brushes at rated load	A/mm ²	11.5
	BEARINGS		
	- Maximum temperatures in bearing segments under continuous operation at rated load and at cooling water temperature not exceeding 15 °C		
	- thrust bearing	°C	70
	- upper guide bearing	°C	58
	- lower guide bearing	°C	60
	- Type of oil/water heat exchanger (internal/external)		
	- Nos. of heat exchangers/cooling coils:		
	- upper bearing		
	- lower bearing		
	- Heat exchangers rated cooling capacity:		
	- upper bearing	W	
	Same after 5min at runaway speed	°C	75
	- Thrust bearing	°C	65
	- Upper guide bearing		

CHAPTER F3 - I GENERATORS

Warm (water) air temperature minus cold (water) air temperature
* 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837.

| | | |
|---|--|---|
|  | INFORME TÉCNICO DE LA PRUEBA: “POTENCIA MÁXIMA” DE LA CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO B (CERTIFICADOS DE CALIBRACIÓN DE MEDIDORES DE ENERGÍA)

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| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

B.1 CERTIFICADO DE CALIBRACIÓN DEL MEDIDOR DE FACTURACIÓN U1

FT-LAB-7.8c



CERTIFICADO DE EXACTITUD
LABORATORIO DE TECNORED S.A.
MEDIDORES DE ENERGÍA ELÉCTRICA

FECHA DE EMISIÓN DE INFORME :

07-12-2023

FOLIO: 40078

ANTECEDENTES DEL CLIENTE

Nº / Fecha de Solicitud : OC 4501038001 / 08.11.2023

Fecha Calibración : 07.12.2023

Medidor : ION 8650

Cliente : AES Andes S.A.

Instalación : JT1

Subestación : Central Alfalfal

RESULTADOS DE LA COMPONENTE ACTIVA

| N | Fase | Cte % | Factor | Componente Activa Directa | | Componente Activa Reversa | |
|----|------|-------|--------|---------------------------|------------------|---------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0,031 | ± 0,2 | 0,028 | ± 0,2 |
| 2 | 123 | 100 | 0,5 | 0,033 | ± 0,3 | 0,036 | ± 0,3 |
| 3 | 123 | 10 | 1 | 0,030 | ± 0,2 | 0,033 | ± 0,2 |
| 4 | 123 | 10 | 0,5 | 0,019 | ± 0,3 | 0,039 | ± 0,3 |
| 5 | 1 | 100 | 1 | 0,011 | ± 0,3 | 0,025 | ± 0,3 |
| 6 | 2 | 100 | 1 | 0,058 | ± 0,3 | 0,047 | ± 0,3 |
| 7 | 3 | 100 | 1 | 0,041 | ± 0,3 | 0,057 | ± 0,3 |
| 8 | 1 | 100 | 0,5 | 0,032 | ± 0,4 | 0,070 | ± 0,4 |
| 9 | 2 | 100 | 0,5 | 0,048 | ± 0,4 | 0,061 | ± 0,4 |
| 10 | 3 | 100 | 0,5 | 0,061 | ± 0,4 | 0,054 | ± 0,4 |

ANTECEDENTES DEL MEDIDOR

Marca : Schneider Electric

Modelo : M8650A4COH5E1B0A

Nº de Serie : MW-2103A385-02

Estado : En Servicio

Año Fabricación : 2021

Clase Exactitud (%) : 0,2

Constante Med. : 1

RESULTADOS DE LA COMPONENTE REACTIVA

| N | Fase | Cte % | Factor | Componente Reactiva Directa | | Componente Reactiva Reversa | |
|----|------|-------|--------|-----------------------------|------------------|-----------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0,032 | ± 2,0 | 0,029 | ± 2,0 |
| 2 | 123 | 100 | 0,5 | 0,037 | ± 2,0 | 0,037 | ± 2,0 |
| 3 | 123 | 10 | 1 | 0,033 | ± 2,0 | 0,033 | ± 2,0 |
| 4 | 123 | 10 | 0,5 | 0,034 | ± 2,0 | 0,017 | ± 2,0 |
| 5 | 1 | 100 | 1 | 0,044 | ± 3,0 | 0,012 | ± 3,0 |
| 6 | 2 | 100 | 1 | 0,039 | ± 3,0 | 0,044 | ± 3,0 |
| 7 | 3 | 100 | 1 | 0,054 | ± 3,0 | 0,061 | ± 3,0 |
| 8 | 1 | 100 | 0,5 | 0,070 | ± 3,0 | 0,064 | ± 3,0 |
| 9 | 2 | 100 | 0,5 | 0,051 | ± 3,0 | 0,054 | ± 3,0 |
| 10 | 3 | 100 | 0,5 | -0,054 | ± 3,0 | 0,061 | ± 3,0 |

CONDICIONES DE CALIBRACIÓN

Marca : MTE

Modelo : PTS 3.3 genX

Nº Serie : 95502

Clase de Exactitud : 0,05

Trazabilidad : Laboratorio Tecnored

CONDICIONES DE MEDIDA

Lugar de Calibración : Central Alfalfal

Tipo de Medida : W. ESTRELLA/ACTIVO

Tensión Aplicada : 03,5 (V)

Corriente Nominal : 1 (A)

Nº de Elementos : 3

Método Calibración : Comparación Directa

Frecuencia (Hz) : 50 (HZ)

Temperatura (C°) : 22,1

Humedad (%) : 34,4%

Calibrador : A. Nuñez - A. Gonzalez

OBSERVACIONES Y CONCLUSIONES

Los errores encontrados cumplen con la Normativa Vigente IEC 62053-22 (ITEM 8.1). Tecnored S.A., declina toda responsabilidad por el uso indebido que se hicieran de este certificado. Este documento no puede ser reproducido en forma parcial.



Jaime Eduardo García Collao
Jefe Área Laboratorio y Medidas

TECNORED S.A.
 Cerro El Plomo 3819 Barrio Industrial Curauena, Valparaíso
 Fono: 56-32-2452580 fax: 56-32-2452571
 www.tecnored.cl ventas@tecnored.cl

B.2 CERTIFICADO DE CALIBRACIÓN DEL MEDIDOR DE FACTURACIÓN U2

FT-LAB-7.8c



CERTIFICADO DE EXACTITUD
LABORATORIO DE TECNORED S.A.
MEDIDORES DE ENERGÍA ELÉCTRICA

FECHA DE EMISIÓN DE INFORME :

07-12-2023

FOLIO: 40077

ANTECEDENTES DEL CLIENTE

Nº / Fecha de Solicitud : OC 4501038001 / 08.11.2023

Fecha Calibración : 07.12.2023

Medidor : ION 8650

Cliente : AES Andes S.A.

Instalación : JT2

Subestación : Central Alfalfal

ANTECEDENTES DEL MEDIDOR

Marca : Schneider Electric

Modelo : M8650A4C0HSE1B0A

Nº de Serie : MW-2102A425-02

Estado : En Servicio

Año Fabricación : 2021

Clase Exactitud (%) : 0,2

Constante Med. : 1

PATRÓN DE CALIBRACIÓN

Marca : MTE

Modelo : PTS 3.3 genX

Nº Serie : 95502

Clase de Exactitud : 0,05

Trazabilidad : Laboratorio Tecnored

CONDICIONES DE MEDIDA

Lugar de Calibración : Central Alfalfal

Tipo de Medida : WESTRELLA/ACTIVO

Tensión Aplicada : 63,5 (V)

Corriente Nominal : 1 (A)

Nº de Elementos : 3

Método Calibración : Comparación Directa

Frecuencia (Hz) : 50 (HZ)

Temperatura (°C) : 22,1

Humedad (%) : 33,4

Calibrador : A. Nuñez - A. Gonzalez

RESULTADOS DE LA COMPONENTE ACTIVA

| N | Fase | Cte. % | Factor | Componente Activa Directa | | Componente Activa Reversa | |
|----|------|--------|--------|---------------------------|------------------|---------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0,014 | ± 0,2 | 0,014 | ± 0,2 |
| 2 | 123 | 100 | 0,5 | 0,026 | ± 0,3 | 0,030 | ± 0,3 |
| 3 | 123 | 10 | 1 | 0,017 | ± 0,2 | 0,018 | ± 0,2 |
| 4 | 123 | 10 | 0,5 | 0,010 | ± 0,3 | 0,026 | ± 0,3 |
| 5 | 1 | 100 | 1 | 0,005 | ± 0,3 | 0,017 | ± 0,3 |
| 6 | 2 | 100 | 1 | 0,019 | ± 0,3 | 0,029 | ± 0,3 |
| 7 | 3 | 100 | 1 | 0,005 | ± 0,3 | 0,022 | ± 0,3 |
| 8 | 1 | 100 | 0,5 | 0,038 | ± 0,4 | 0,074 | ± 0,4 |
| 9 | 2 | 100 | 0,5 | 0,038 | ± 0,4 | 0,042 | ± 0,4 |
| 10 | 3 | 100 | 0,5 | 0,048 | ± 0,4 | 0,038 | ± 0,4 |

RESULTADOS DE LA COMPONENTE REACTIVA

| N | Fase | Cte. % | Factor | Componente Reactiva Directa | | Componente Reactiva Reversa | |
|----|------|--------|--------|-----------------------------|------------------|-----------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0,014 | ± 2,0 | 0,011 | ± 2,0 |
| 2 | 123 | 100 | 0,5 | 0,030 | ± 2,0 | 0,027 | ± 2,0 |
| 3 | 123 | 10 | 1 | 0,019 | ± 2,0 | 0,019 | ± 2,0 |
| 4 | 123 | 10 | 0,5 | 0,026 | ± 2,0 | 0,011 | ± 2,0 |
| 5 | 1 | 100 | 1 | 0,027 | ± 3,0 | 0,012 | ± 3,0 |
| 6 | 2 | 100 | 1 | 0,027 | ± 3,0 | 0,032 | ± 3,0 |
| 7 | 3 | 100 | 1 | 0,015 | ± 3,0 | 0,025 | ± 3,0 |
| 8 | 1 | 100 | 0,5 | 0,080 | ± 3,0 | 0,074 | ± 3,0 |
| 9 | 2 | 100 | 0,5 | 0,032 | ± 3,0 | 0,035 | ± 3,0 |
| 10 | 3 | 100 | 0,5 | -0,054 | ± 3,0 | 0,042 | ± 3,0 |

OBSERVACIONES Y CONCLUSIONES

Los errores encontrados cumplen con la Normativa Vigente IEC 62053-22 (ITEM 8.1). Tecnored S.A., declina toda responsabilidad por el uso indebido que se hicieran de este certificado. Este documento no puede ser reproducido en forma parcial.



Jaime Eduardo Corbin Collao
Jefe Área Laboratorio y Medidas

TECNORED S.A.
 Cerro El Plomo 3819 Barrio Industrial Curauena, Valparaíso
 Fono: 56-32-2452580 fax: 56-32-2452571
www.tecnored.cl ventas@tecnored.cl

B.3 CERTIFICADO DE CALIBRACIÓN DEL MEDIDOR DE ENERGÍA CONECTADO A LOS BORNES DEL GENERADOR U1

FT-LAB-7.8c


CERTIFICADO DE EXACTITUD
LABORATORIO DE TECNORED S.A.
MEDIDORES DE ENERGÍA ELÉCTRICA

FECHA DE EMISIÓN DE INFORME : 14-11-2023

FOLIO: 40034

ANTECEDENTES DEL CLIENTE

Nº / Fecha de Solicitud : OC 4501038001 / 08.11.2023
Fecha Calibración : 13.11.2023
Medidor : ION 8650
Cliente : AES Andes S.A.
Instalación : Unidad 1
Subestación : Central Alfafal

ANTECEDENTES DEL MEDIDOR

Marca : Schneider Electric
Modelo : M8650A4CHSE1B0A
Nº de Serie : MW-2207A186-02
Estado : En Servicio
Año Fabricación : 2022
Clase Exactitud (%) : 0.2
Constante Med. : 1

PATRÓN DE CALIBRACIÓN

Marca : MTE
Modelo : PTS 3.3 genX
Nº Serie : 95502
Clase de Exactitud : 0.05
Trazabilidad : Laboratorio Tecnored

CONDICIONES DE MEDIDA

Lugar de Calibración : Central Alfafal
Tipo de Medida : WESTRELLA/ACTIVO
Tensión Aplicada : 63.5 (V)
Corriente Nominal : 1 (A)
Nº de Elementos : 3
Método Calibración : Comparación Directa
Frecuencia (Hz) : 50 (HZ)
Temperatura (C°) : 22.1
Humedad (%) : 33.4
Calibrador : A. Nuñez - M. Montecino

RESULTADOS DE LA COMPONENTE ACTIVA

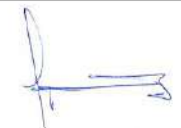
| N | Fase | Cte. % | Factor | Componente Activa Directa | | Componente Activa Reversa | |
|----|------|--------|--------|---------------------------|------------------|---------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0.039 | ± 0.2 | 0.039 | ± 0.2 |
| 2 | 123 | 100 | 0.5 | 0.045 | ± 0.3 | 0.049 | ± 0.3 |
| 3 | 123 | 10 | 1 | 0.040 | ± 0.2 | 0.042 | ± 0.2 |
| 4 | 123 | 10 | 0.5 | 0.035 | ± 0.3 | 0.036 | ± 0.3 |
| 5 | 1 | 100 | 1 | 0.035 | ± 0.3 | 0.036 | ± 0.3 |
| 6 | 2 | 100 | 1 | 0.052 | ± 0.3 | 0.051 | ± 0.3 |
| 7 | 3 | 100 | 1 | 0.049 | ± 0.3 | 0.051 | ± 0.3 |
| 8 | 1 | 100 | 0.5 | 0.089 | ± 0.4 | 0.087 | ± 0.4 |
| 9 | 2 | 100 | 0.5 | 0.061 | ± 0.4 | 0.063 | ± 0.4 |
| 10 | 3 | 100 | 0.5 | 0.062 | ± 0.4 | 0.070 | ± 0.4 |

RESULTADOS DE LA COMPONENTE REACTIVA

| N | Fase | Cte. % | Factor | Componente Reactiva Directa | | Componente Reactiva Reversa | |
|----|------|--------|--------|-----------------------------|------------------|-----------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0.043 | ± 2.0 | 0.042 | ± 2.0 |
| 2 | 123 | 100 | 0.5 | 0.051 | ± 2.0 | 0.049 | ± 2.0 |
| 3 | 123 | 10 | 1 | 0.045 | ± 2.0 | 0.045 | ± 2.0 |
| 4 | 123 | 10 | 0.5 | 0.045 | ± 2.0 | 0.045 | ± 2.0 |
| 5 | 1 | 100 | 1 | 0.046 | ± 3.0 | 0.042 | ± 3.0 |
| 6 | 2 | 100 | 1 | 0.046 | ± 3.0 | 0.046 | ± 3.0 |
| 7 | 3 | 100 | 1 | 0.042 | ± 3.0 | 0.050 | ± 3.0 |
| 8 | 1 | 100 | 0.5 | 0.075 | ± 3.0 | 0.054 | ± 3.0 |
| 9 | 2 | 100 | 0.5 | 0.045 | ± 3.0 | 0.054 | ± 3.0 |
| 10 | 3 | 100 | 0.5 | 0.054 | ± 3.0 | 0.034 | ± 3.0 |

OBSERVACIONES Y CONCLUSIONES

Los errores encontrados cumplen con la Normativa Vigente IEC 62053-22 (ITEM 8.1). Tecnored S.A., declina toda responsabilidad por el uso indebido que se hicieran de este certificado. Este documento no puede ser reproducido en forma parcial.


Jaime Eduardo García Collao
Jefe Área Laboratorio y Medidas

TECNORED S.A.
Cerro El Plomo 3819 Barrio Industrial Curauma, Valparaíso
Fono: 56-32-2452580 fax: 56-32-2452571
www.tecnored.cl ventas@tecnored.cl

Página 1 de 1

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B.4 CERTIFICADO DE CALIBRACIÓN DEL MEDIDOR DE ENERGÍA CONECTADO A LOS BORNES DEL GENERADOR U2

FT-LAB-7.8c


CERTIFICADO DE EXACTITUD
LABORATORIO DE TECNORED S.A.
MEDIDORES DE ENERGÍA ELÉCTRICA

FECHA DE EMISIÓN DE INFORME : 14-11-2023

FOLIO: 40035

ANTECEDENTES DEL CLIENTE

N° / Fecha de Solicitud : OC 4501038001 / 08.11.2023
Fecha Calibración : 13.11.2023
Medidor : ION 8650
Cliente : AES Andes S.A.
Instalación : Unidad 2
Subestación : Central Alfalfal

ANTECEDENTES DEL MEDIDOR

Marca : Schneider Electric
Modelo : M8650A4COHSEIB0A
N° de Serie : MW-207A187-02
Estado : En Servicio
Año Fabricación : 2022
Clase Exactitud (%) : 0,2
Constante Med. : 1

PATRON DE CALIBRACIÓN

Marca : MTE
Modelo : PTS 3.3 genX
N° Serie : 95502
Clase de Exactitud : 0,05
Trazabilidad : Laboratorio Tecnored

CONDICIONES DE MEDIDA

Lugar de Calibración : Central Alfalfal
Tipo de Medida : WESTRELLA/ACTIVO
Tensión Aplicada : 63,5 (V)
Corriente Nominal : 1 (A)
N° de Elementos : 3
Método Calibración : Comparación Directa
Frecuencia (Hz) : 50 (HZ)
Temperatura (C°) : 22,1
Humedad (%) : 44,3
Calibrador : A. Nuñez - M. Montecino

RESULTADOS DE LA COMPONENTE ACTIVA

| N | Fase | Cte. % | Factor | Componente Activa Directa | | Componente Activa Reversa | |
|----|------|--------|--------|---------------------------|------------------|---------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0,022 | ± 0,2 | 0,022 | ± 0,2 |
| 2 | 123 | 100 | 0,5 | 0,028 | ± 0,3 | 0,028 | ± 0,3 |
| 3 | 123 | 10 | 1 | 0,018 | ± 0,2 | 0,020 | ± 0,2 |
| 4 | 123 | 10 | 0,5 | 0,018 | ± 0,3 | 0,018 | ± 0,3 |
| 5 | 1 | 100 | 1 | 0,019 | ± 0,3 | 0,017 | ± 0,3 |
| 6 | 2 | 100 | 1 | 0,022 | ± 0,3 | 0,034 | ± 0,3 |
| 7 | 3 | 100 | 1 | 0,017 | ± 0,3 | 0,014 | ± 0,3 |
| 8 | 1 | 100 | 0,5 | 0,013 | ± 0,4 | 0,034 | ± 0,4 |
| 9 | 2 | 100 | 0,5 | 0,042 | ± 0,4 | 0,042 | ± 0,4 |
| 10 | 3 | 100 | 0,5 | 0,026 | ± 0,4 | 0,019 | ± 0,4 |

RESULTADOS DE LA COMPONENTE REACTIVA

| N | Fase | Cte. % | Factor | Componente Reactiva Directa | | Componente Reactiva Reversa | |
|----|------|--------|--------|-----------------------------|------------------|-----------------------------|------------------|
| | | | | Error (%) | Límite Norma (%) | Error (%) | Límite Norma (%) |
| 1 | 123 | 100 | 1 | 0,025 | ± 2,0 | 0,026 | ± 2,0 |
| 2 | 123 | 100 | 0,5 | 0,031 | ± 2,0 | 0,031 | ± 2,0 |
| 3 | 123 | 10 | 1 | 0,020 | ± 2,0 | 0,020 | ± 2,0 |
| 4 | 123 | 10 | 0,5 | 0,020 | ± 2,0 | 0,020 | ± 2,0 |
| 5 | 1 | 100 | 1 | 0,039 | ± 3,0 | 0,017 | ± 3,0 |
| 6 | 2 | 100 | 1 | 0,038 | ± 3,0 | 0,041 | ± 3,0 |
| 7 | 3 | 100 | 1 | 0,014 | ± 3,0 | 0,018 | ± 3,0 |
| 8 | 1 | 100 | 0,5 | 0,038 | ± 3,0 | 0,022 | ± 3,0 |
| 9 | 2 | 100 | 0,5 | 0,045 | ± 3,0 | 0,038 | ± 3,0 |
| 10 | 3 | 100 | 0,5 | 0,016 | ± 3,0 | 0,022 | ± 3,0 |

OBSERVACIONES Y CONCLUSIONES

Los errores encontrados cumplen con la Normativa Vigente IEC 62053-22 (ITEM 8.1). Tecnored S.A., declina toda responsabilidad por el uso indebido que se hicieran de este certificado. Este documento no puede ser reproducido en forma parcial.


Jefes Eduardo García Collan
Jefe Área Laboratorio y Medidas

TECNORED S.A.
Cerro El Plomo 3819 Barrio Industrial Curauena, Valparaíso
Fono: 56-32-2452580 fax: 56-32-2452571
www.tecnored.cl - ventas@tecnored.cl

Página 1 de 1

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INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | |
|---|--|---|
|  | INFORME TÉCNICO DE LA PRUEBA: “POTENCIA MÁXIMA” DE LA CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO C (ESPECIFICACIONES TÉCNICAS DE LA UNIDAD)

49

| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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C.1 ESPECIFICACIONES TECNICAS DE LA TURBINA



| | | | | | |
|---|--|--------------|------------------------------------|------------------------|---------------|
| TECHNICAL REPORT | | | | | |
| No. HSZ/2013-0420 | | | Author(s) Gian-Luca Morandi | | |
| Code Name Alfalfal | | | Date 06.12.2013 | | |
| <p>Title</p> <p style="text-align: center;">ALFALFAL # 1</p> <p style="text-align: center;">Thermodynamic Efficiency Test</p> <p style="text-align: center;">TEST REPORT</p> | | | | | |
| <p>Summary</p> <p>ANDRITZ HYDRO performed thermodynamic efficiency site tests on unit I of the power plant Alfalfal from November 25 to 28, 2013.</p> <p>The tests were performed according to IEC Standard 41, edition 1991, "Field acceptance tests to determine the hydraulic performance of hydraulic turbines, storage pumps and pump-turbines".</p> <p>Unit 1 reached a measured weighted efficiency of 90.35%, guaranteed are 90.92% for coated components. The contractual tolerance of $\pm 1\%$ is respected and the efficiency guarantee is fulfilled. The same is valid for the power output with a maximum measured value of 93633 kW compared to the guarantee of 92150 kW.</p> <p>The operating hours of the runner at the time of test were 378 hours. Nevertheless, the buckets showed small damages such as peeled off coating at the cutting edge, probably due to stone impact, and signs of abrasion. The inside surface of the injectors has not been refurbished and is rough. The described flaws increase losses and are one reason for the lower than guaranteed efficiency.</p> <p>Further, different tests with various nozzle combinations indicate that there is increased loss in nozzle number two.</p> | | | | | |
| <p>Participants AES Gener: Mr. Nelson Vásquez Muñoz, Mr. Gustavo Febre, Mr. Waldo Guerrero, Mr. Rodolfo Martinez</p> <p>ANDRITZ HYDRO: HCL: Mr. Claudio Golo
HSZ: Mr. Hansjörg Schafflützel, Mr. Gian-Luca Morandi</p> | | | | | |
| <p>Unit 1 v1R6NA n = 500 rpm $H_{rated} = 690.0$ m $D_1 = 2105$ mm P = 92150 kW</p> | | | | | |
| Catchword: Pelton turbine, efficiency test | | | | | |
| Copies to | | Whole Report | Page 1 only | Copies to | |
| AES Gener | | 1 | | | |
| HCL | | 1 | | | |
| HIT | | 1 | | | |
| HSZ | | 1 | | | |
| | | | | Whole Report | Page 1 only |
| | | | | Author's signature | |
| | | | | | |
| | | | | Checked | |
| | | | | | |
| | | | | Hansjörg Schafflützel | |
| | | | | OrderNo. K833.13109.01 | |
| Related reports | | | | This report comprises | |
| Calc. File No. | | | | 17 Pages | 66 Enclosures |
| | | | | Page 1 | |

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ANDRITZ HYDRO LTD
Hardstrasse 319
CH-8023 Zurich
t:\rad-ay\site tests\hsz\alfalfal\11\bericht\report_alfalfal.docx

C.2 ESPECIFICACIONES TÉCNICAS DEL GENERADOR ELÉCTRICO

| DATOS TÉCNICOS | |
|--|------------------------------|
| Potencia nominal | 95000 kVA |
| Tension nominal | 12,0 kV |
| Cos phi | 0,85 |
| Frecuencia | 50 Hz |
| Velocidad nominal | 500 min ⁻¹ |
| Velocidad de embalamiento max. | 860 min ⁻¹ |
| Par motor nominal | 1814 kNm |
| Par max. de cortocircuito | 18860 kNm |
| Momento de inercia de la masa del rotor | 175 tm ² |
| Consumo de aire refrigerante | 27 m ³ /s |
| Sentido de giro | isquierdas visto del lado BS |
| Peso del rotor | 153 t |
| Peso del estator | 120 t |
| Peso max. de transporte (laminado del rotor + Eje) | 90 t |
| Peso max. de montaje (rotor) | 150 t |

| | | | | |
|---------------|-----------------|------------------|----------|-------|
| Siemens S. A. | 4L1.0111-008023 | DATA
01.10.87 | ASS.
 | CONF. |
|---------------|-----------------|------------------|----------|-------|

SPF 104 - 300 - 06/83

| | | |
|---|--|---|
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ANEXO D (UNILINEAL ELÉCTRICO)

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| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO E (REGISTRO DE MEDICIONES AMBIENTALES DURANTE LA PRUEBA)

54

| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

E.1 REGISTRO DE MEDICIONES AMBIENTALES

| Nro. | Fecha-Hora de Medicion | Meteorologic | Meteorologic | Meteorologic |
|-----------------|------------------------|--------------------|--------------|--------------------------|
| | | Temp.del Aire (°C) | Humedad (%) | Presión Atmosférica (mb) |
| 1 | 16/01/2024 22:07 | 20.2 | 42 | 845.8 |
| 2 | 16/01/2024 22:37 | 19.5 | 45.2 | 845.8 |
| 3 | 16/01/2024 23:07 | 18.3 | 48.4 | 845.8 |
| 4 | 16/01/2024 23:37 | 18.1 | 43.5 | 845.6 |
| 5 | 17/01/2024 00:07 | 18.3 | 42.4 | 845.5 |
| 6 | 17/01/2024 00:37 | 17.4 | 44.3 | 845.3 |
| 7 | 17/01/2024 01:07 | 17.2 | 44.2 | 845.1 |
| 8 | 17/01/2024 01:37 | 16.8 | 43.2 | 844.8 |
| 9 | 17/01/2024 02:07 | 16.1 | 46.7 | 844.5 |
| 10 | 17/01/2024 02:37 | 16.1 | 45.5 | 844.1 |
| 11 | 17/01/2024 03:07 | 14.8 | 50.6 | 843.9 |
| 12 | 17/01/2024 03:37 | 15 | 46.3 | 843.8 |
| PROMEDIO | | 17.05 | 45.48 | 844.93 |

| | | |
|---|--|---|
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| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO F (REGISTRO DE MEDIDORES DE ENERGÍA)

56

| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

F.1 REGISTRO DE POTENCIA EN MEDIDOR DE FACTURACIÓN U1

| Timestamp | Apparent Power Mean (kVA) | Current Avg Mean (A) | Frequency Mean (Hz) | Power Factor Lagging Mean (%) | Reactive Power Mean (kVAr) | Real Power Mean (kW) | Voltage L-L Avg Mean (V) |
|-----------------------|---------------------------|----------------------|---------------------|-------------------------------|----------------------------|----------------------|--------------------------|
| 1/16/2024 10:15:00 PM | 66,807.67 | 168.46 | 49.96 | 99.26 | 8,067.40 | 66,313.64 | 229,036.28 |
| 1/16/2024 10:30:00 PM | 66,921.55 | 168.90 | 50.01 | 99.10 | 8,868.54 | 66,315.47 | 228,833.94 |
| 1/16/2024 10:45:00 PM | 66,960.05 | 169.07 | 50.02 | 99.03 | 9,271.95 | 66,312.29 | 228,732.34 |
| 1/16/2024 11:00:00 PM | 66,898.36 | 168.83 | 50.01 | 99.12 | 8,811.20 | 66,312.30 | 228,850.38 |
| 1/16/2024 11:15:00 PM | 66,715.02 | 168.04 | 50.06 | 99.42 | 7,133.07 | 66,327.56 | 229,295.02 |
| 1/16/2024 11:30:00 PM | 66,837.13 | 168.52 | 50.00 | 99.23 | 8,112.39 | 66,321.52 | 229,059.02 |
| 1/16/2024 11:45:00 PM | 67,155.30 | 169.81 | 49.93 | 98.73 | 10,643.91 | 66,302.45 | 228,400.42 |
| 1/17/2024 12:00:00 AM | 66,954.13 | 169.03 | 49.94 | 99.04 | 9,221.32 | 66,311.59 | 228,771.53 |
| 1/17/2024 12:15:00 AM | 66,634.04 | 167.66 | 50.08 | 99.55 | 6,226.59 | 66,330.82 | 229,529.31 |
| 1/17/2024 12:30:00 AM | 66,749.35 | 168.19 | 50.00 | 99.36 | 7,463.28 | 66,324.75 | 229,205.30 |
| 1/17/2024 12:45:00 AM | 66,951.97 | 169.02 | 50.04 | 99.05 | 9,156.93 | 66,314.41 | 228,752.91 |
| 1/17/2024 1:00:00 AM | 66,831.00 | 168.54 | 50.04 | 99.23 | 8,211.47 | 66,319.11 | 228,989.56 |
| 1/17/2024 1:15:00 AM | 66,783.40 | 168.33 | 50.09 | 99.30 | 7,761.98 | 66,317.82 | 229,111.06 |
| 1/17/2024 1:30:00 AM | 66,752.82 | 168.22 | 50.12 | 99.35 | 7,548.28 | 66,320.38 | 229,150.02 |
| 1/17/2024 1:45:00 AM | 66,786.60 | 168.36 | 50.01 | 99.30 | 7,847.61 | 66,320.73 | 229,080.64 |
| 1/17/2024 2:00:00 AM | 66,699.99 | 167.99 | 50.03 | 99.44 | 7,037.02 | 66,323.59 | 229,279.97 |
| 1/17/2024 2:15:00 AM | 66,631.88 | 167.68 | 50.07 | 99.54 | 6,357.59 | 66,323.67 | 229,474.89 |
| 1/17/2024 2:30:00 AM | 66,768.84 | 168.27 | 50.05 | 99.33 | 7,656.00 | 66,320.95 | 229,129.81 |
| 1/17/2024 2:45:00 AM | 66,752.70 | 168.21 | 49.99 | 99.36 | 7,515.61 | 66,325.52 | 229,164.44 |
| 1/17/2024 3:00:00 AM | 66,645.95 | 167.74 | 50.05 | 99.52 | 6,468.63 | 66,325.45 | 229,440.64 |
| 1/17/2024 3:15:00 AM | 66,627.79 | 167.64 | 50.03 | 99.56 | 6,240.40 | 66,331.46 | 229,511.63 |
| PROMEDIO | 66,803.12 | 168.40 | 50.03 | 99.28 | 7,886.72 | 66,319.78 | 229,085.67 |

F.2 RESPALDO FOTOGRÁFICO MEDICIONES DE POTENCIA EN MEDIDOR DE FACTURACIÓN U1















F.3 REGISTRO DE POTENCIA EN MEDIDOR DE FACTURACIÓN U2

| Timestamp | Apparent Power Mean (kVA) | Current Avg Mean (A) | Frequency Mean (Hz) | Power Factor Lagging Mean (%) | Reactive Power Mean (kVAr) | Real Power Mean (kW) | Voltage L-L Avg Mean (V) |
|-----------------------|---------------------------|----------------------|---------------------|-------------------------------|----------------------------|----------------------|--------------------------|
| 1/16/2024 10:15:00 PM | 86,472.50 | 218.20 | 49.96 | 99.86 | 4,571.93 | 86,348.19 | 228,853.47 |
| 1/16/2024 10:30:00 PM | 86,499.63 | 218.46 | 50.01 | 99.79 | 5,384.82 | 86,319.38 | 228,650.45 |
| 1/16/2024 10:45:00 PM | 86,466.85 | 218.48 | 50.02 | 99.77 | 5,805.63 | 86,269.50 | 228,547.92 |
| 1/16/2024 11:00:00 PM | 86,443.21 | 218.31 | 50.01 | 99.81 | 5,337.15 | 86,275.93 | 228,661.08 |
| 1/16/2024 11:15:00 PM | 86,321.69 | 217.58 | 50.06 | 99.91 | 3,645.81 | 86,240.88 | 229,102.80 |
| 1/16/2024 11:30:00 PM | 86,423.47 | 218.07 | 50.00 | 99.84 | 4,510.42 | 86,289.08 | 228,863.02 |
| 1/16/2024 11:45:00 PM | 86,560.57 | 219.04 | 49.93 | 99.66 | 7,105.12 | 86,265.52 | 228,206.19 |
| 1/17/2024 12:00:00 AM | 86,462.88 | 218.44 | 49.94 | 99.78 | 5,708.15 | 86,270.81 | 228,573.34 |
| 1/17/2024 12:15:00 AM | 86,282.00 | 217.26 | 50.08 | 99.97 | 2,761.29 | 86,228.98 | 229,331.00 |
| 1/17/2024 12:30:00 AM | 86,381.80 | 217.82 | 50.00 | 99.89 | 4,000.87 | 86,284.54 | 229,013.33 |
| 1/17/2024 12:45:00 AM | 86,489.67 | 218.50 | 50.04 | 99.78 | 5,700.24 | 86,296.07 | 228,579.14 |
| 1/17/2024 1:00:00 AM | 86,412.92 | 218.07 | 50.04 | 99.84 | 4,754.95 | 86,278.05 | 228,823.50 |
| 1/17/2024 1:15:00 AM | 86,376.95 | 217.87 | 50.09 | 99.87 | 4,288.08 | 86,261.15 | 228,945.98 |
| 1/17/2024 1:30:00 AM | 86,371.41 | 217.81 | 50.12 | 99.88 | 4,104.99 | 86,270.69 | 228,990.42 |
| 1/17/2024 1:45:00 AM | 86,409.75 | 217.97 | 50.01 | 99.87 | 4,376.64 | 86,296.38 | 228,922.05 |
| 1/17/2024 2:00:00 AM | 86,369.76 | 217.68 | 50.03 | 99.91 | 3,627.33 | 86,289.87 | 229,120.91 |
| 1/17/2024 2:15:00 AM | 86,323.68 | 217.38 | 50.07 | 99.94 | 2,845.68 | 86,273.70 | 229,316.41 |
| 1/17/2024 2:30:00 AM | 86,357.63 | 217.79 | 50.05 | 99.88 | 4,178.68 | 86,250.92 | 228,972.02 |
| 1/17/2024 2:45:00 AM | 86,363.60 | 217.77 | 49.99 | 99.89 | 4,044.95 | 86,267.30 | 229,006.16 |
| 1/17/2024 3:00:00 AM | 86,292.11 | 217.33 | 50.05 | 99.93 | 3,005.25 | 86,234.91 | 229,281.95 |
| 1/17/2024 3:15:00 AM | 86,296.84 | 217.28 | 50.03 | 99.96 | 2,703.95 | 86,251.84 | 229,352.69 |
| PROMEDIO | 86,399.00 | 217.96 | 50.03 | 99.86 | 4,402.95 | 86,274.46 | 228,910.18 |

F.4 RESPALDO FOTOGRÁFICO MEDICIONES DE POTENCIA EN MEDIDOR DE FACTURACIÓN U2















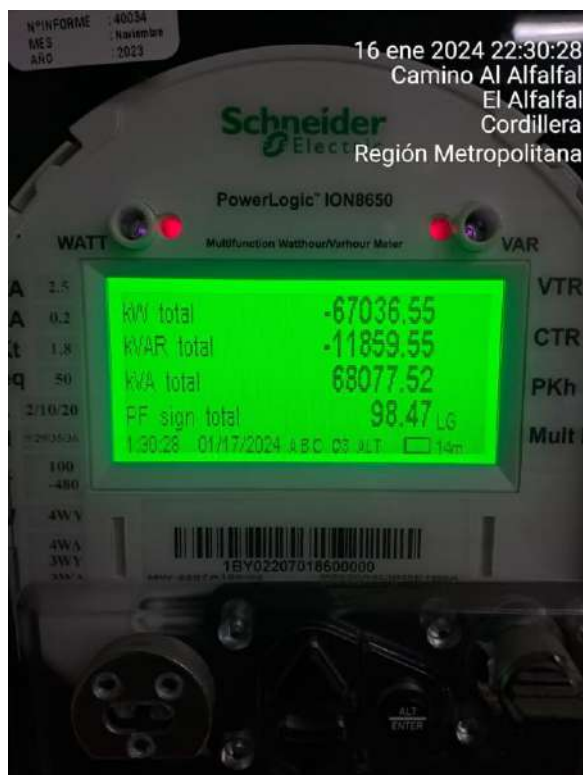
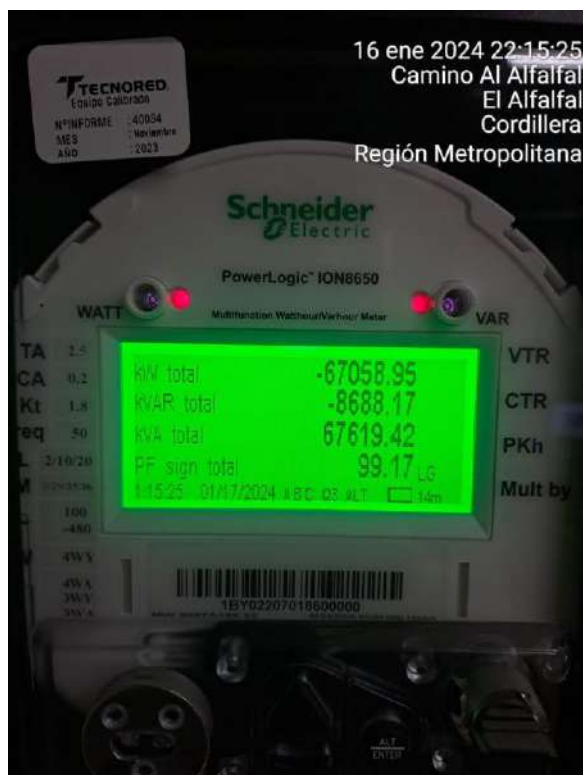
F.5 REGISTRO MEDIDOR CONECTADO A LOS BORNES DEL GENERADOR U1

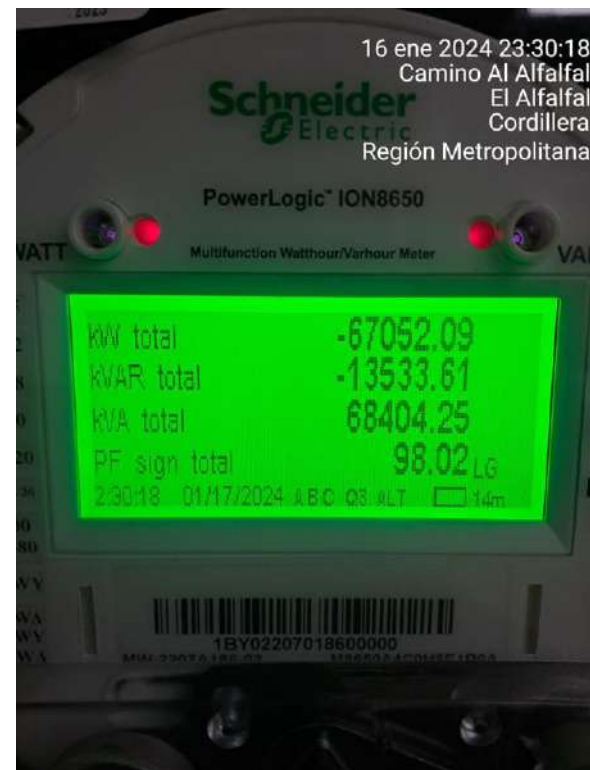
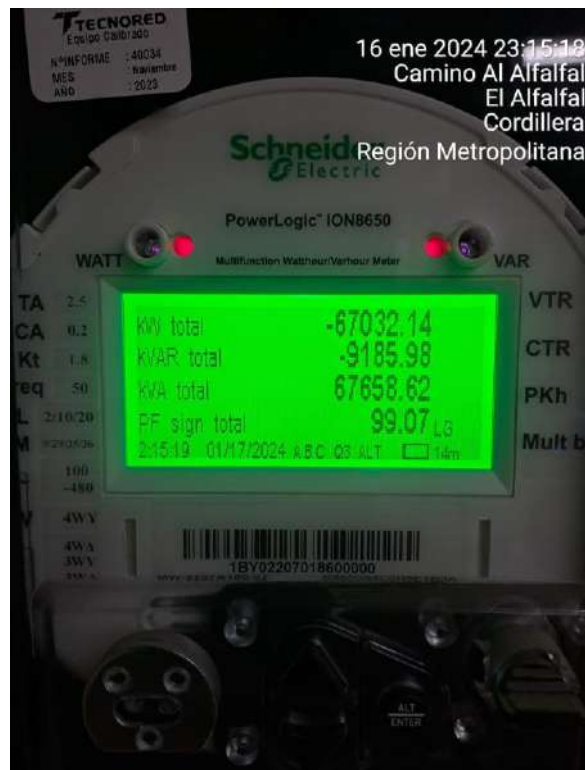
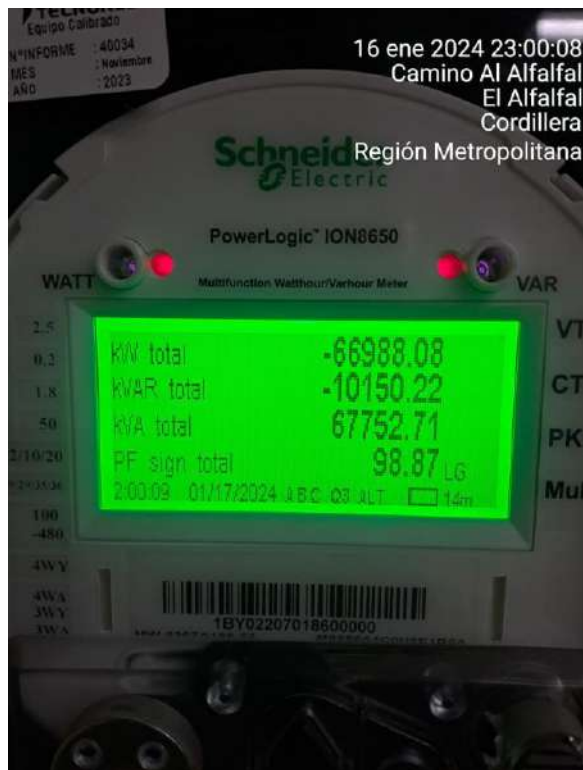
| Date/Time | Vll avg | Vln avg | I avg | kW tot | kVAR tot | Freq | PF sign tot | kVA tot |
|------------------------|---------------|----------|----------|------------|---------------|-------|-------------|---------------|
| 16-01-2024 22:15:00000 | 12,093,191.00 | 6,987.41 | 3,235.02 | -67,054.43 | -9,660,685.00 | 49.98 | -98.98 | 67,746,766.00 |
| 16-01-2024 22:20:00000 | 12,087,075.00 | 6,983.87 | 3,230.26 | -67,059.75 | -8,629,014.00 | 50.05 | -99.18 | 67,612,641.00 |
| 16-01-2024 22:25:00000 | 12,103,253.00 | 6,993.32 | 3,248.16 | -67,004.28 | -12,038.61 | 50.03 | -98.42 | 68,077,180.00 |
| 16-01-2024 22:30:00000 | 12,093,894.00 | 6,987.92 | 3,249.05 | -67,000.54 | -11,863.61 | 50.03 | -98.47 | 68,042,758.00 |
| 16-01-2024 22:35:00000 | 12,104,882.00 | 6,994.25 | 3,243.34 | -66,948.12 | -11,829.40 | 50.04 | -98.47 | 67,985,188.00 |
| 16-01-2024 22:40:00000 | 12,080,930.00 | 6,980.41 | 3,242.24 | -66,918.99 | -11,067.13 | 49.99 | -98.66 | 67,827,961.00 |
| 16-01-2024 22:45:00000 | 12,104,234.00 | 6,993.87 | 3,249.62 | -67,051.09 | -11,981.36 | 49.97 | -98.44 | 68,113,148.00 |
| 16-01-2024 22:50:00000 | 12,088,781.00 | 6,984.91 | 3,244.95 | -67,091.56 | -10,631.93 | 50 | -98.77 | 67,928,758.00 |
| 16-01-2024 22:55:00000 | 12,100,182.00 | 6,991.51 | 3,242.97 | -66,973.68 | -11,486.15 | 49.99 | -98.56 | 67,951,492.00 |
| 16-01-2024 23:00:00000 | 12,070,953.00 | 6,974.59 | 3,236.52 | -67,023.19 | -9,202,284.00 | 50.05 | -99.07 | 67,651,977.00 |
| 16-01-2024 23:05:00000 | 12,058,454.00 | 6,967.34 | 3,238.42 | -67,211.54 | -7,438,464.00 | 50.11 | -99.39 | 67,621,898.00 |
| 16-01-2024 23:10:00000 | 12,118,104.00 | 7,001.79 | 3,223.19 | -66,951.62 | -9,604,071.00 | 50.11 | -98.99 | 67,636,953.00 |
| 16-01-2024 23:15:00000 | 12,096,290.00 | 6,989.18 | 3,227.88 | -67,058.80 | -8,639,965.00 | 50.1 | -99.18 | 67,613,102.00 |
| 16-01-2024 23:20:00000 | 12,070,909.00 | 6,974.54 | 3,237.32 | -67,139.09 | -8,454,791.00 | 50.04 | -99.22 | 67,669,344.00 |
| 16-01-2024 23:25:00000 | 12,110,636.00 | 6,997.47 | 3,231.16 | -66,972.67 | -10,316.18 | 49.99 | -98.83 | 67,762,539.00 |
| 16-01-2024 23:30:00000 | 12,080,038.00 | 6,979.98 | 3,267.74 | -67,048.73 | -13,308.15 | 49.95 | -98.09 | 68,356,703.00 |
| 16-01-2024 23:35:00000 | 12,080,943.00 | 6,980.44 | 3,258.11 | -67,023.40 | -12,398.79 | 49.91 | -98.33 | 68,160,586.00 |
| 16-01-2024 23:40:00000 | 12,115,984.00 | 7,000.70 | 3,267.39 | -67,034.09 | -14,345.53 | 49.87 | -97.79 | 68,551,898.00 |
| 16-01-2024 23:45:00000 | 12,087,569.00 | 6,984.23 | 3,250.41 | -66,996.55 | -11,850.41 | 49.91 | -98.47 | 68,036,531.00 |
| 16-01-2024 23:50:00000 | 12,099,891.00 | 6,991.33 | 3,250.83 | -67,041.24 | -12,026.81 | 49.9 | -98.43 | 68,111,469.00 |
| 16-01-2024 23:55:00000 | 12,097,291.00 | 6,989.79 | 3,239.56 | -67,046.18 | -10,503.86 | 49.97 | -98.79 | 67,863,992.00 |
| 17-01-2024 0:00:00000 | 12,093,941.00 | 6,987.87 | 3,245.54 | -67,080.09 | -10,957.37 | 49.94 | -98.69 | 67,969,125.00 |
| 17-01-2024 0:05:00000 | 12,087,856.00 | 6,984.29 | 3,230.31 | -67,066.38 | -8,616,303.00 | 50.01 | -99.18 | 67,617,594.00 |
| 17-01-2024 0:10:00000 | 12,100,889.00 | 6,991.78 | 3,211.44 | -66,900.24 | -7,275,553.00 | 50.13 | -99.41 | 67,294,695.00 |
| 17-01-2024 0:15:00000 | 12,096,659.00 | 6,989.35 | 3,222.36 | -67,089.66 | -7,439,201.00 | 50.16 | -99.39 | 67,500,852.00 |

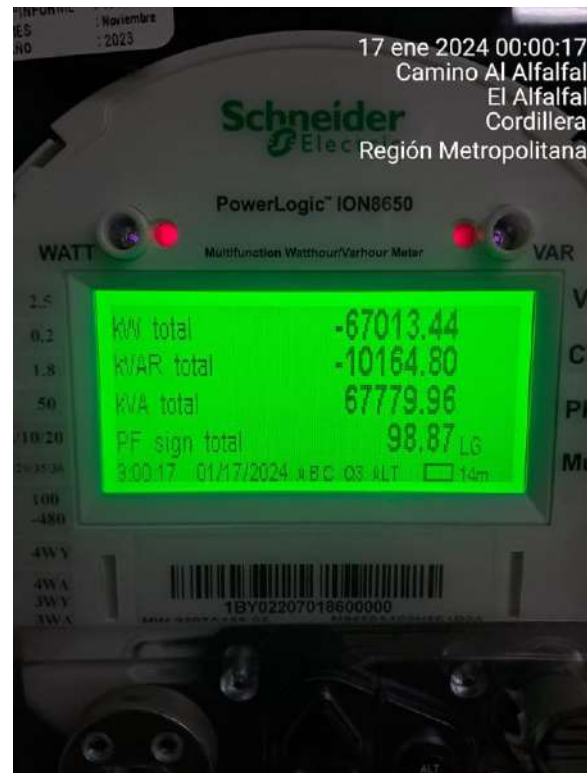
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|-----------------------|---------------|----------|----------|------------|---------------|-------|--------|---------------|
| 17-01-2024 0:20:00000 | 12,093,257.00 | 6,987.43 | 3,232.96 | -66,935.22 | -10,171.57 | 49.98 | -98.87 | 67,703,648.00 |
| 17-01-2024 0:25:00000 | 12,069,691.00 | 6,973.81 | 3,235.38 | -67,138.52 | -8,063,644.00 | 50.01 | -99.29 | 67,621,031.00 |
| 17-01-2024 0:30:00000 | 12,107,589.00 | 6,995.71 | 3,230.56 | -66,957.04 | -10,216.10 | 49.98 | -98.86 | 67,731,930.00 |
| 17-01-2024 0:35:00000 | 12,092,057.00 | 6,986.89 | 3,258.21 | -67,051.59 | -12,606.99 | 50.01 | -98.28 | 68,226,469.00 |
| 17-01-2024 0:40:00000 | 12,078,753.00 | 6,979.17 | 3,250.27 | -67,088.36 | -11,005.42 | 50.07 | -98.68 | 67,985,055.00 |
| 17-01-2024 0:45:00000 | 12,096,604.00 | 6,989.41 | 3,233.58 | -66,960.40 | -10,219.25 | 50.06 | -98.86 | 67,735,727.00 |
| 17-01-2024 0:50:00000 | 12,088,773.00 | 6,984.89 | 3,241.35 | -67,075.87 | -10,250.85 | 50.03 | -98.85 | 67,854,641.00 |
| 17-01-2024 0:55:00000 | 12,107,082.00 | 6,995.45 | 3,236.54 | -66,998.09 | -10,759.44 | 50.04 | -98.73 | 67,856,531.00 |
| 17-01-2024 1:00:00000 | 12,103,842.00 | 6,993.55 | 3,234.55 | -67,090.11 | -9,763,800.00 | 50.02 | -98.96 | 67,796,859.00 |
| 17-01-2024 1:05:00000 | 12,080,779.00 | 6,980.19 | 3,226.19 | -67,031.91 | -7,872,440.00 | 50.08 | -99.32 | 67,492,609.00 |
| 17-01-2024 1:10:00000 | 12,101,061.00 | 6,992.04 | 3,241.26 | -66,982.38 | -11,260.42 | 50.09 | -98.62 | 67,922,281.00 |
| 17-01-2024 1:15:00000 | 12,091,460.00 | 6,986.50 | 3,245.05 | -67,053.06 | -10,990.64 | 50.12 | -98.68 | 67,947,828.00 |
| 17-01-2024 1:20:00000 | 12,104,365.00 | 6,993.87 | 3,229.17 | -67,022.91 | -9,463,973.00 | 50.16 | -99.02 | 67,687,797.00 |
| 17-01-2024 1:25:00000 | 12,080,225.00 | 6,979.94 | 3,237.75 | -67,177.09 | -8,643,339.00 | 50.13 | -99.18 | 67,730,844.00 |
| 17-01-2024 1:30:00000 | 12,087,719.00 | 6,984.29 | 3,237.99 | -67,072.39 | -9,759,814.00 | 50.09 | -98.96 | 67,778,758.00 |
| 17-01-2024 1:35:00000 | 12,106,752.00 | 6,995.23 | 3,232.39 | -67,077.08 | -9,653,222.00 | 50.06 | -98.98 | 67,768,125.00 |
| 17-01-2024 1:40:00000 | 12,109,197.00 | 6,996.66 | 3,240.04 | -67,026.52 | -11,119.98 | 49.94 | -98.65 | 67,942,688.00 |
| 17-01-2024 1:45:00000 | 12,089,594.00 | 6,985.33 | 3,236.91 | -67,079.31 | -9,632,443.00 | 50.01 | -98.98 | 67,767,383.00 |
| 17-01-2024 1:50:00000 | 12,072,112.00 | 6,975.23 | 3,236.70 | -67,075.54 | -8,910,747.00 | 49.99 | -99.13 | 67,664,836.00 |
| 17-01-2024 1:55:00000 | 12,071,704.00 | 6,974.95 | 3,232.75 | -67,176.93 | -7,372,439.00 | 50.05 | -99.4 | 67,580,273.00 |
| 17-01-2024 2:00:00000 | 12,085,780.00 | 6,983.11 | 3,228.30 | -67,006.86 | -8,664,376.00 | 50.05 | -99.17 | 67,564,719.00 |
| 17-01-2024 2:05:00000 | 12,078,292.00 | 6,978.74 | 3,227.33 | -67,141.59 | -6,985,791.00 | 50.13 | -99.46 | 67,504,031.00 |
| 17-01-2024 2:10:00000 | 12,089,658.00 | 6,985.32 | 3,220.91 | -67,006.27 | -7,570,749.00 | 50.08 | -99.37 | 67,432,609.00 |
| 17-01-2024 2:15:00000 | 12,083,277.00 | 6,981.66 | 3,226.93 | -67,036.02 | -8,089,757.00 | 50.07 | -99.28 | 67,522,383.00 |
| 17-01-2024 2:20:00000 | 12,086,025.00 | 6,983.31 | 3,236.15 | -67,074.95 | -9,408,034.00 | 50.12 | -99.03 | 67,731,523.00 |
| 17-01-2024 2:25:00000 | 12,105,154.00 | 6,994.37 | 3,239.74 | -66,994.48 | -11,136.86 | 50 | -98.65 | 67,913,844.00 |
| 17-01-2024 2:30:00000 | 12,085,391.00 | 6,982.91 | 3,235.48 | -67,100.30 | -9,098,486.00 | 50.03 | -99.09 | 67,714,352.00 |
| 17-01-2024 2:35:00000 | 12,094,683.00 | 6,988.24 | 3,229.69 | -66,989.70 | -9,392,732.00 | 49.96 | -99.03 | 67,644,977.00 |
| 17-01-2024 2:40:00000 | 12,084,278.00 | 6,982.26 | 3,237.52 | -67,069.08 | -9,585,882.00 | 49.97 | -98.99 | 67,750,641.00 |
| 17-01-2024 2:45:00000 | 12,087,179.00 | 6,983.95 | 3,234.12 | -67,046.85 | -9,341,545.00 | 50.01 | -99.04 | 67,694,500.00 |

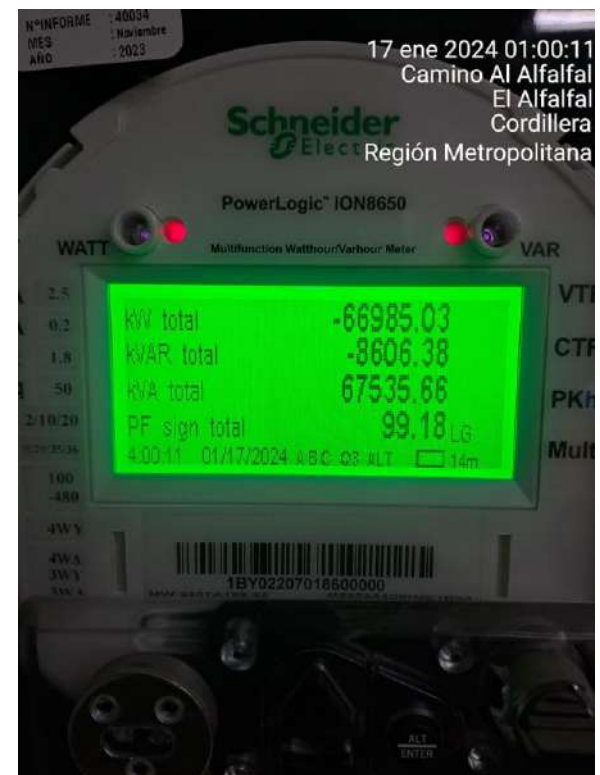
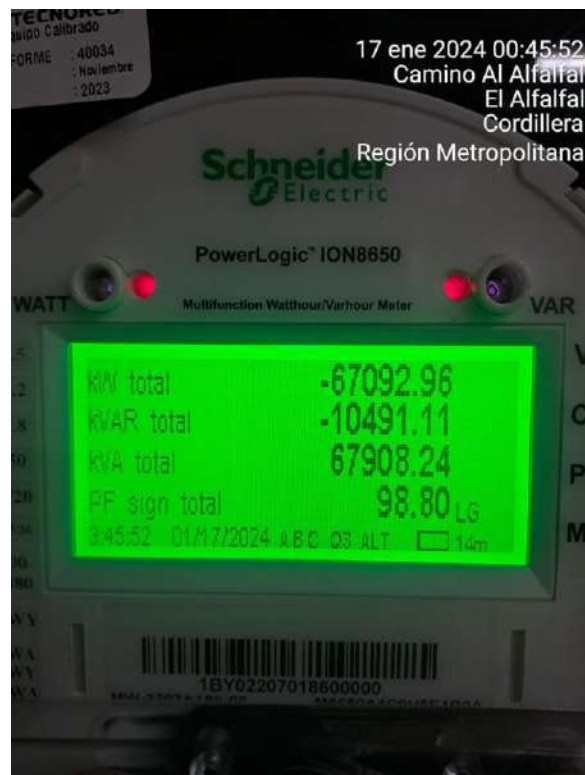
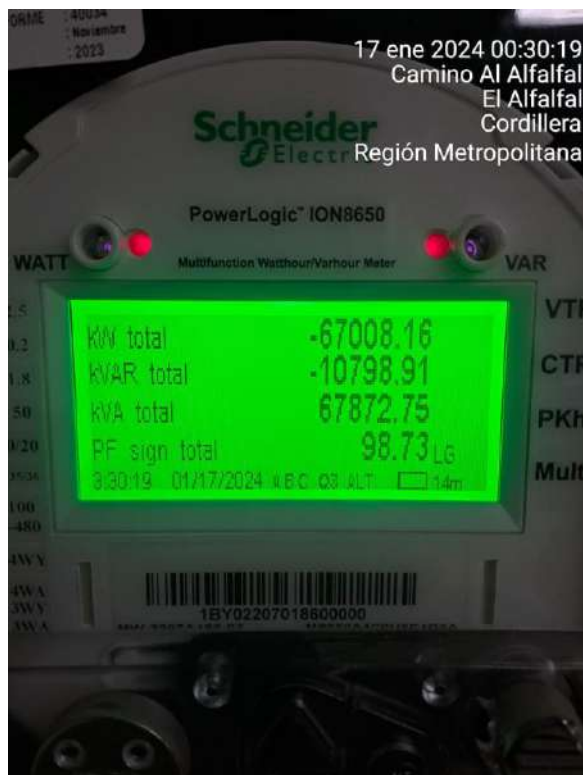
| | | | | | | | | |
|-----------------------|----------------------|-----------------|-----------------|-------------------|----------------------|--------------|---------------|----------------------|
| 17-01-2024 2:50:00000 | 12,088,746.00 | 6,984.83 | 3,228.33 | -67,049.71 | -8,473,646.00 | 50.07 | -99.21 | 67,583,039.00 |
| 17-01-2024 2:55:00000 | 12,085,806.00 | 6,983.10 | 3,220.82 | -66,962.88 | -7,749,249.00 | 50.06 | -99.34 | 67,409,773.00 |
| 17-01-2024 3:00:00000 | 12,061,374.00 | 6,969.01 | 3,238.58 | -67,193.91 | -7,786,194.00 | 50 | -99.34 | 67,643,523.00 |
| 17-01-2024 3:05:00000 | 12,113,520.00 | 6,999.07 | 3,215.60 | -66,972.84 | -8,040,216.00 | 50.06 | -99.29 | 67,453,734.00 |
| 17-01-2024 3:10:00000 | 12,091,742.00 | 6,986.53 | 3,231.40 | -67,147.45 | -8,343,605.00 | 50.03 | -99.24 | 67,663,844.00 |
| 17-01-2024 3:15:00000 | 12,084,612.00 | 6,982.40 | 3,225.67 | -67,055.62 | -7,765,537.00 | 50.03 | -99.34 | 67,503,773.00 |
| PROMEDIO | 12,091,163.31 | 6,986.25 | 3,236.88 | -67,044.34 | -4,929,316.95 | 50.03 | -98.92 | 67,774,290.62 |

F.6 RESPALDO FOTOGRÁFICO MEDICIONES DE POTENCIA CONECTADO A LOS BORNES DEL GENERADOR U1

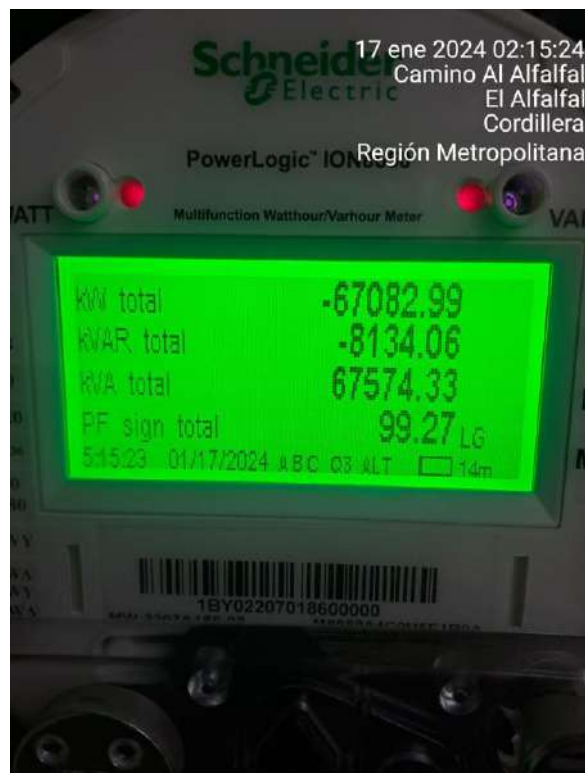
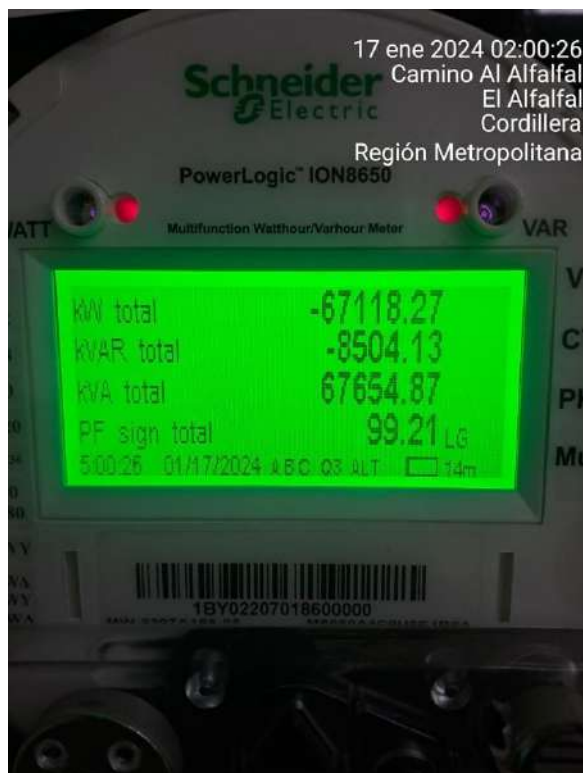


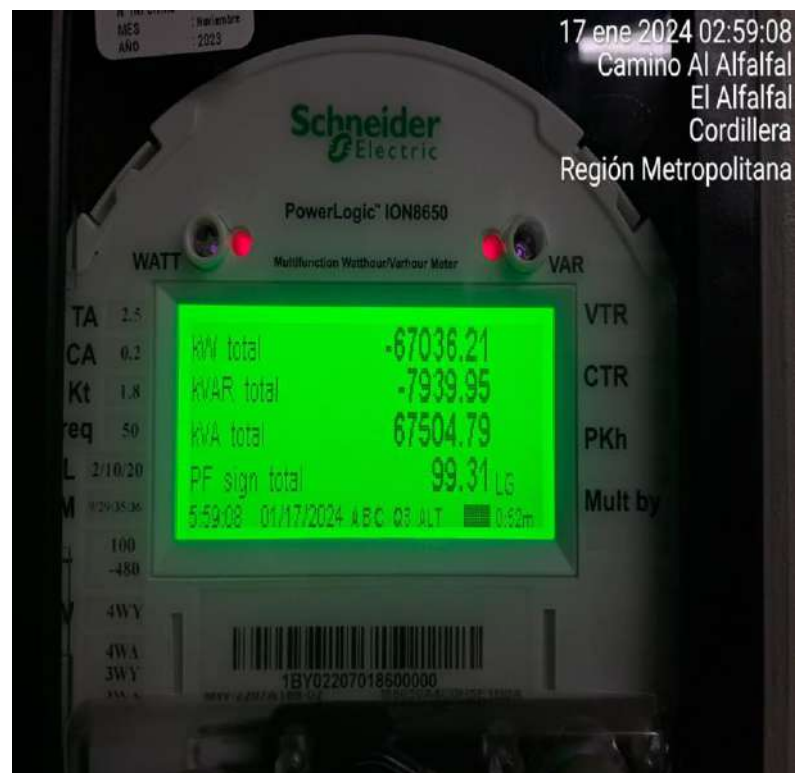
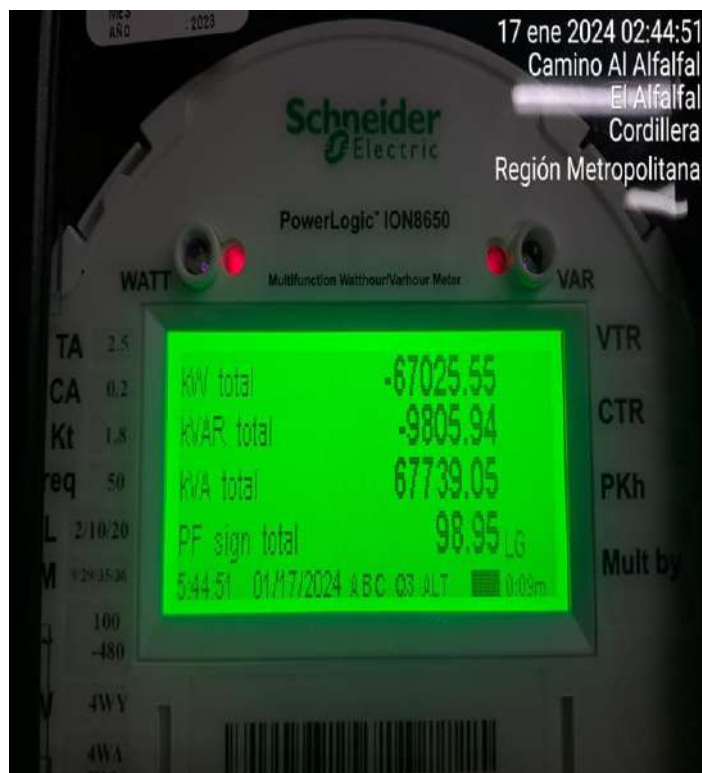














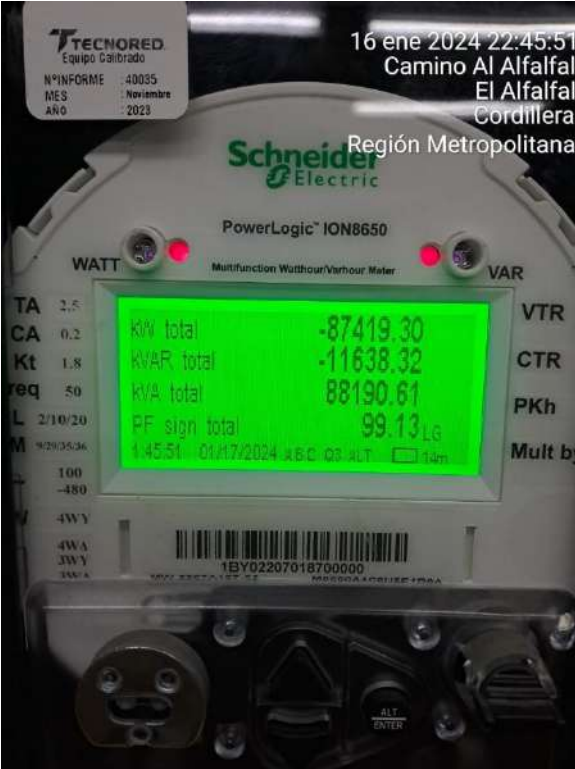
F.7 REGISTRO MEDIDOR CONECTADO A LOS BORNES DEL GENERADOR U2

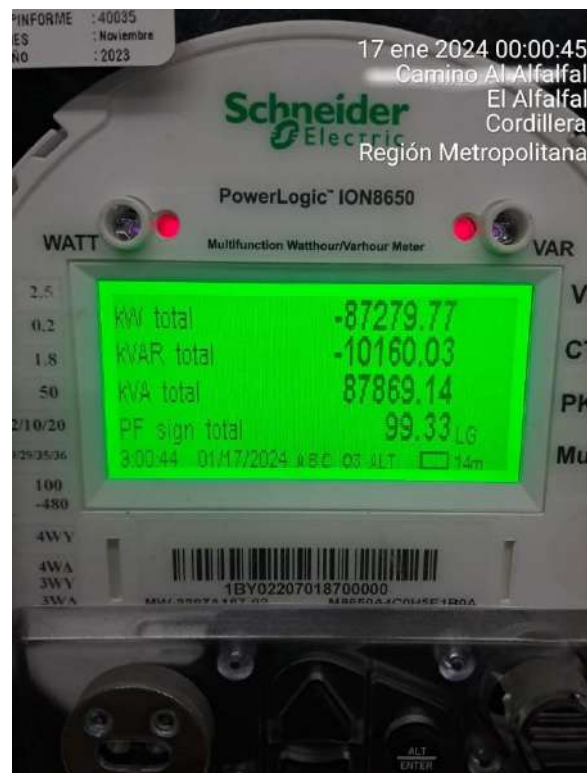
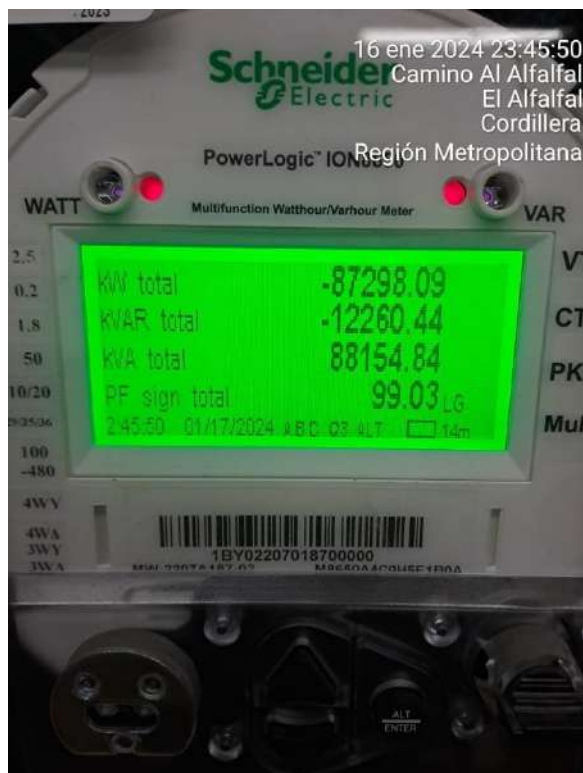
| Date/Time | Vll avg | Vln avg | I avg | kW tot | kVAR tot | Freq | PF sign tot | kVA tot |
|------------------------|----------|-----------|-----------|-----------|-----------|-----------|-------------|----------|
| 16-01-2024 22:15:00000 | 12061899 | 6969.9019 | 4215.1392 | -87604.9 | -8824904 | 49.978451 | -99.496452 | 88048258 |
| 16-01-2024 22:20:00000 | 12061795 | 6969.8486 | 4206.7368 | -87490.91 | -8176938 | 50.050056 | -99.566101 | 87872188 |
| 16-01-2024 22:25:00000 | 12095287 | 6989.2593 | 4220.7642 | -87451.59 | -12974.84 | 50.031082 | -98.917221 | 88408859 |
| 16-01-2024 22:30:00000 | 12073508 | 6976.6865 | 4214.7988 | -87324.65 | -11848.13 | 50.035217 | -99.092072 | 88124750 |
| 16-01-2024 22:35:00000 | 12079477 | 6980.1104 | 4212.9443 | -87396.81 | -11340.01 | 50.035763 | -99.168686 | 88129445 |
| 16-01-2024 22:40:00000 | 12069906 | 6974.6006 | 4214.0088 | -87309.48 | -11641.69 | 49.991081 | -99.122726 | 88082203 |
| 16-01-2024 22:45:00000 | 12085952 | 6983.8315 | 4217.0005 | -87422.33 | -12144.71 | 49.967339 | -99.048805 | 88261867 |
| 16-01-2024 22:50:00000 | 12082198 | 6981.6719 | 4220.2881 | -87541.06 | -11580.02 | 49.998859 | -99.136406 | 88303641 |
| 16-01-2024 22:55:00000 | 12077666 | 6979.0415 | 4215.624 | -87456.01 | -11224.08 | 49.983162 | -99.186485 | 88173313 |
| 16-01-2024 23:00:00000 | 12062146 | 6970.1094 | 4216.9561 | -87518.7 | -9988046 | 50.046005 | -99.355072 | 88086797 |
| 16-01-2024 23:05:00000 | 12043688 | 6959.4561 | 4210.9971 | -87481.16 | -7797284 | 50.110203 | -99.605133 | 87827961 |
| 16-01-2024 23:10:00000 | 12089434 | 6985.7827 | 4188.4111 | -87233.88 | -8920008 | 50.106297 | -99.48127 | 87688750 |
| 16-01-2024 23:15:00000 | 12075480 | 6977.7529 | 4200.3564 | -87422.27 | -8533059 | 50.095467 | -99.527016 | 87837734 |
| 16-01-2024 23:20:00000 | 12048904 | 6962.4336 | 4214.6582 | -87552.1 | -8283555 | 50.039551 | -99.555405 | 87943094 |
| 16-01-2024 23:25:00000 | 12085837 | 6983.7036 | 4204.3184 | -87433.45 | -9937936 | 49.996265 | -99.360229 | 87996414 |
| 16-01-2024 23:30:00000 | 12061692 | 6969.915 | 4234.6431 | -87429.42 | -13424.37 | 49.949642 | -98.841637 | 88454047 |
| 16-01-2024 23:35:00000 | 12071072 | 6975.2788 | 4223.6934 | -87333.29 | -12987.61 | 49.911316 | -98.912231 | 88293719 |
| 16-01-2024 23:40:00000 | 12089819 | 6986.0679 | 4231.6147 | -87520.98 | -13753.74 | 49.869453 | -98.787636 | 88595070 |
| 16-01-2024 23:45:00000 | 12061280 | 6969.5825 | 4223.3643 | -87470.97 | -11431.09 | 49.906536 | -99.156868 | 88214734 |
| 16-01-2024 23:50:00000 | 12082054 | 6981.5571 | 4215.4551 | -87379.36 | -12010.33 | 49.896202 | -99.06855 | 88200914 |
| 16-01-2024 23:55:00000 | 12084193 | 6982.7837 | 4212.0273 | -87463.8 | -10943.5 | 49.965298 | -99.226318 | 88145773 |
| 17-01-2024 0:00:00000 | 12068634 | 6973.8027 | 4209.769 | -87358.94 | -10480.58 | 49.942822 | -99.288017 | 87985375 |
| 17-01-2024 0:05:00000 | 12075703 | 6977.8584 | 4199.6772 | -87351.36 | -9115180 | 50.011288 | -99.459953 | 87825664 |
| 17-01-2024 0:10:00000 | 12082807 | 6981.9414 | 4188.8862 | -87344.58 | -7321870 | 50.122597 | -99.65049 | 87650930 |

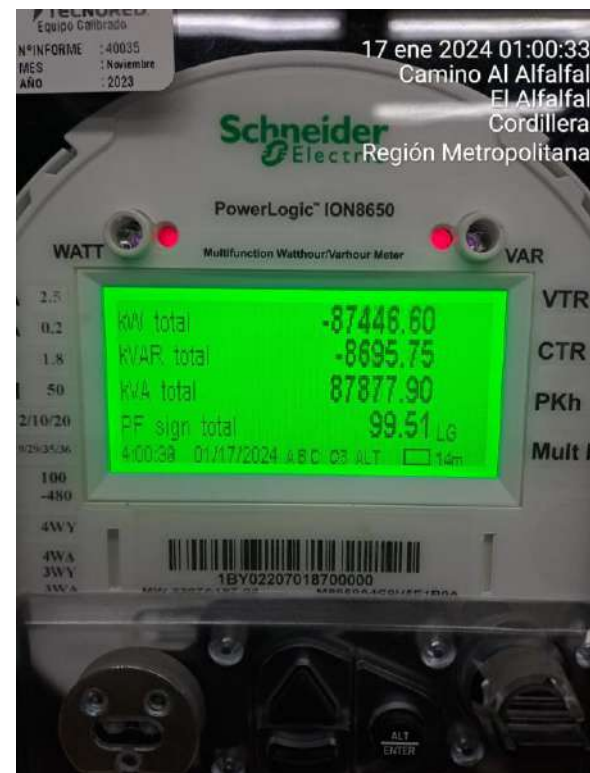
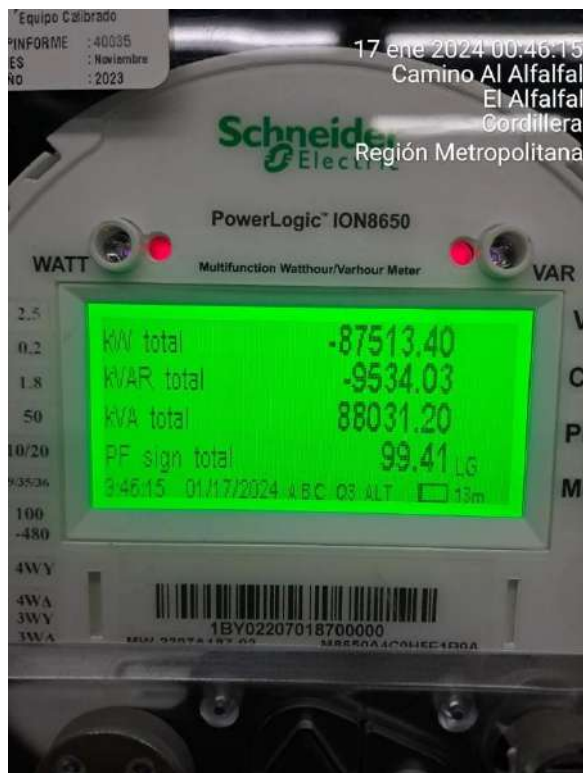
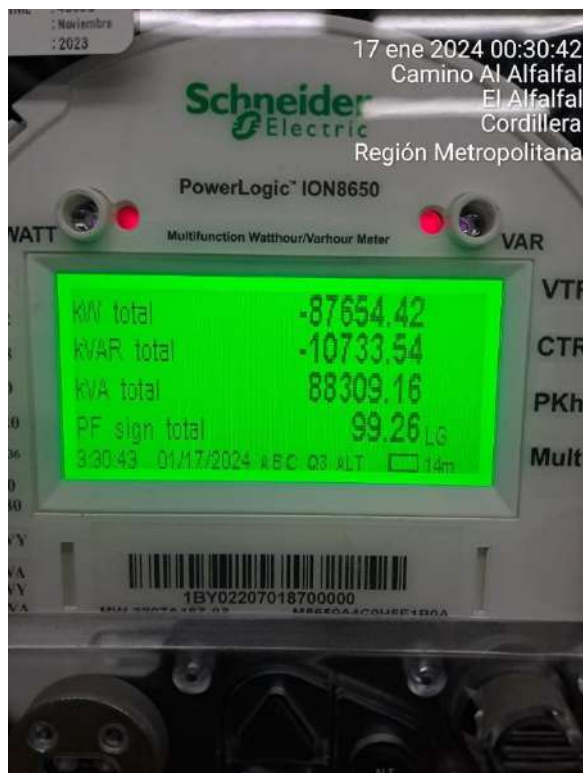
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|-----------------------|----------|-----------|-----------|-----------|-----------|-----------|------------|----------|
| 17-01-2024 0:15:00000 | 12073838 | 6976.7915 | 4195.082 | -87420.15 | -7194460 | 50.158131 | -99.663063 | 87715695 |
| 17-01-2024 0:20:00000 | 12085089 | 6983.2856 | 4200.6313 | -87232.83 | -10920.45 | 49.976341 | -99.225494 | 87913719 |
| 17-01-2024 0:25:00000 | 12050849 | 6963.5259 | 4209.0352 | -87466.15 | -8097563 | 50.00877 | -99.574188 | 87840188 |
| 17-01-2024 0:30:00000 | 12092466 | 6987.5327 | 4209.4897 | -87519.73 | -10542.71 | 49.983883 | -99.282257 | 88152438 |
| 17-01-2024 0:35:00000 | 12079936 | 6980.4243 | 4225.0186 | -87396.88 | -13194.53 | 50.011337 | -98.879486 | 88387266 |
| 17-01-2024 0:40:00000 | 12057722 | 6967.5996 | 4220.6074 | -87444.59 | -10991.12 | 50.065857 | -99.219307 | 88132633 |
| 17-01-2024 0:45:00000 | 12085214 | 6983.4048 | 4209.0195 | -87424.34 | -10820.19 | 50.064377 | -99.242783 | 88091383 |
| 17-01-2024 0:50:00000 | 12079529 | 6980.125 | 4208.9341 | -87358.59 | -10990.3 | 50.031685 | -99.217903 | 88047195 |
| 17-01-2024 0:55:00000 | 12094823 | 6988.9336 | 4208.731 | -87423.78 | -11328.2 | 50.037613 | -99.170906 | 88154664 |
| 17-01-2024 1:00:00000 | 12075223 | 6977.5723 | 4197.2373 | -87305.61 | -9035962 | 50.018097 | -99.468674 | 87771969 |
| 17-01-2024 1:05:00000 | 12069026 | 6974.0288 | 4205.1558 | -87484.59 | -8455387 | 50.082745 | -99.536186 | 87892250 |
| 17-01-2024 1:10:00000 | 12077360 | 6978.8999 | 4208.1729 | -87345.16 | -10848.27 | 50.093384 | -99.237526 | 88016250 |
| 17-01-2024 1:15:00000 | 12070320 | 6974.8496 | 4212.3174 | -87384.49 | -10821.68 | 50.118607 | -99.24189 | 88052023 |
| 17-01-2024 1:20:00000 | 12090149 | 6986.2544 | 4195.3452 | -87288.39 | -9836712 | 50.162479 | -99.37101 | 87840906 |
| 17-01-2024 1:25:00000 | 12066832 | 6972.8008 | 4206.603 | -87435.3 | -9092423 | 50.131882 | -99.463646 | 87906797 |
| 17-01-2024 1:30:00000 | 12069050 | 6974.0835 | 4210.8438 | -87459.8 | -9844877 | 50.094246 | -99.372421 | 88012148 |
| 17-01-2024 1:35:00000 | 12081100 | 6980.9775 | 4198.5239 | -87356.51 | -9225221 | 50.057083 | -99.447006 | 87842266 |
| 17-01-2024 1:40:00000 | 12086020 | 6983.8066 | 4204.8325 | -87348.98 | -10766.96 | 49.941689 | -99.248856 | 88010070 |
| 17-01-2024 1:45:00000 | 12075591 | 6977.8188 | 4207.7046 | -87423.63 | -10006.72 | 50.009476 | -99.351288 | 87994453 |
| 17-01-2024 1:50:00000 | 12054271 | 6965.5146 | 4214.8848 | -87526.14 | -9010897 | 49.9939 | -99.474228 | 87988758 |
| 17-01-2024 1:55:00000 | 12060867 | 6969.3086 | 4211.7754 | -87607.65 | -7998702 | 50.050423 | -99.585793 | 87972039 |
| 17-01-2024 2:00:00000 | 12075033 | 6977.4976 | 4209.0659 | -87528.88 | -9267692 | 50.051651 | -99.444122 | 88018148 |
| 17-01-2024 2:05:00000 | 12062626 | 6970.332 | 4203.5723 | -87510.45 | -7291975 | 50.131367 | -99.654633 | 87813727 |
| 17-01-2024 2:10:00000 | 12068411 | 6973.6387 | 4203.7104 | -87545.66 | -7413070 | 50.079811 | -99.64341 | 87858945 |
| 17-01-2024 2:15:00000 | 12067551 | 6973.1685 | 4205.7373 | -87486.91 | -8449185 | 50.062523 | -99.536888 | 87893969 |
| 17-01-2024 2:20:00000 | 12068622 | 6973.8394 | 4209.7188 | -87462.13 | -9588415 | 50.115028 | -99.404434 | 87986148 |
| 17-01-2024 2:25:00000 | 12084128 | 6982.7437 | 4201.8638 | -87248.8 | -10960.73 | 49.999847 | -99.220123 | 87934578 |
| 17-01-2024 2:30:00000 | 12072656 | 6976.1294 | 4207.4985 | -87446.63 | -9568957 | 50.033852 | -99.406616 | 87968617 |
| 17-01-2024 2:35:00000 | 12083332 | 6982.2412 | 4196.188 | -87245.23 | -9943393 | 49.96394 | -99.356796 | 87810031 |
| 17-01-2024 2:40:00000 | 12073416 | 6976.5552 | 4216.7065 | -87565.78 | -10276.03 | 49.972015 | -99.318459 | 88166672 |

| | | | | | | | | |
|-----------------------|----------------------|-----------------|-----------------|-------------------|----------------------|--------------|---------------|----------------------|
| 17-01-2024 2:45:00000 | 12077782 | 6979.0771 | 4206.5518 | -87412.47 | -10033.9 | 50.007645 | -99.347626 | 87986469 |
| 17-01-2024 2:50:00000 | 12069819 | 6974.4785 | 4198.0557 | -87334.79 | -8533816 | 50.072094 | -99.525993 | 87750742 |
| 17-01-2024 2:55:00000 | 12060927 | 6969.3174 | 4197.3442 | -87366.24 | -7299575 | 50.060596 | -99.652779 | 87670656 |
| 17-01-2024 3:00:00000 | 12049380 | 6962.6851 | 4214.459 | -87550.5 | -8307774 | 50.002007 | -99.552803 | 87943781 |
| 17-01-2024 3:05:00000 | 12105084 | 6994.7642 | 4186.085 | -87310.01 | -8829161 | 50.054874 | -99.492584 | 87755289 |
| 17-01-2024 3:10:00000 | 12074891 | 6977.3716 | 4197.856 | -87358.91 | -8616865 | 50.034569 | -99.517052 | 87782859 |
| 17-01-2024 3:15:00000 | 12065090 | 6971.7153 | 4198.2231 | -87378.88 | -7722704 | 50.033894 | -99.61171 | 87719484 |
| PROMEDIO | 12,073,843.51 | 6,976.82 | 4,208.60 | -87,421.27 | -4,685,964.79 | 50.03 | -99.34 | 87,999,126.64 |

F.8 RESPALDO FOTOGRÁFICO MEDICIONES DE POTENCIA CONECTADO A LOS BORNES DEL GENERADOR U2















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|---|--|---|
|  | INFORME TÉCNICO DE LA PRUEBA: “POTENCIA MÁXIMA” DE LA CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO G (REGISTRO DE MEDICIONES DE LA UNIDAD DURANTE LA PRUEBA)

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| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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G.1 RESGISTRO DE MEDICIONES DE LA UNIDAD 1 DURANTE LA PRUEBA

| DESVIACION CON RESPECTO AL VALOR PROMEDIO | | -0.0000029% | 3.43% | -0.023% | 10.57% | -0.000164% | -0.17% |
|---|-------------|---|--------------------------|---|-------------------|--|--|
| PROMEDIO | | | 690.46 | | 26.83 | | 500.85 |
| Fecha | Hora | Variación de la Presión de pique con respecto al promedio | Presión de Pique [m.c.a] | Variación del caudal con respecto al promedio | Caudal Neto m3/sg | Variación de la velocidad de rotación con respecto al promedio | Velocidad de rotación turbogenerador [rpm] |
| 1/16/2024 | 10:15:00 PM | 0.048% | 690.80 | 1.166% | 27.15 | -0.113% | 500.29 |
| 1/16/2024 | 10:15:02 PM | 0.048% | 690.80 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:04 PM | 0.048% | 690.80 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:06 PM | 0.048% | 690.80 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/16/2024 | 10:15:08 PM | 0.048% | 690.80 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:10 PM | 0.048% | 690.80 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:12 PM | 0.048% | 690.80 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/16/2024 | 10:15:14 PM | 0.048% | 690.80 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:16 PM | 0.048% | 690.80 | 2.954% | 27.65 | 0.003% | 500.87 |
| 1/16/2024 | 10:15:18 PM | 0.048% | 690.80 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/16/2024 | 10:15:20 PM | 0.048% | 690.80 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 10:15:22 PM | 0.048% | 690.80 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 10:15:24 PM | 0.048% | 690.80 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 10:15:26 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:15:28 PM | 0.048% | 690.80 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:30 PM | 0.048% | 690.80 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:32 PM | 0.048% | 690.80 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:34 PM | 0.048% | 690.80 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:36 PM | 0.048% | 690.80 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:38 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:40 PM | 0.048% | 690.80 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:42 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:44 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:46 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:48 PM | 0.048% | 690.80 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/16/2024 | 10:15:50 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.113% | 500.29 |
| 1/16/2024 | 10:15:52 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/16/2024 | 10:15:54 PM | 0.048% | 690.80 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:56 PM | 0.048% | 690.80 | 3.173% | 27.71 | -0.055% | 500.58 |
| 1/16/2024 | 10:15:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.113% | 500.29 |
| 1/16/2024 | 10:16:00 PM | 0.048% | 690.80 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:02 PM | 0.048% | 690.80 | 2.697% | 27.57 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:16:04 PM | 0.048% | 690.80 | 0.594% | 26.99 | -0.113% | 500.29 |
| 1/16/2024 | 10:16:06 PM | 0.048% | 690.80 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 10:16:08 PM | 0.048% | 690.80 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 10:16:10 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.229% | 499.71 |
| 1/16/2024 | 10:16:12 PM | 0.048% | 690.80 | 1.882% | 27.34 | -0.229% | 499.71 |
| 1/16/2024 | 10:16:14 PM | 0.048% | 690.80 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 10:16:16 PM | 0.048% | 690.80 | 1.732% | 27.30 | -0.171% | 500.00 |
| 1/16/2024 | 10:16:18 PM | 0.048% | 690.80 | 0.015% | 26.83 | -0.171% | 500.00 |
| 1/16/2024 | 10:16:20 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/16/2024 | 10:16:22 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 10:16:24 PM | 0.048% | 690.80 | 3.499% | 27.80 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:26 PM | 0.048% | 690.80 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:28 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:30 PM | 0.048% | 690.80 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:32 PM | 0.048% | 690.80 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:34 PM | 0.048% | 690.80 | -0.023% | 26.82 | -0.113% | 500.29 |
| 1/16/2024 | 10:16:36 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/16/2024 | 10:16:38 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:40 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:42 PM | 0.048% | 690.80 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:44 PM | 0.048% | 690.80 | 0.556% | 26.98 | -0.113% | 500.29 |
| 1/16/2024 | 10:16:46 PM | 0.048% | 690.80 | 0.709% | 27.02 | -0.113% | 500.29 |
| 1/16/2024 | 10:16:48 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/16/2024 | 10:16:50 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:16:52 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:16:54 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/16/2024 | 10:16:56 PM | 0.048% | 690.80 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 10:16:58 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/16/2024 | 10:17:00 PM | 0.048% | 690.80 | 1.544% | 27.25 | -0.113% | 500.29 |
| 1/16/2024 | 10:17:02 PM | 0.048% | 690.80 | -1.964% | 26.31 | -0.229% | 499.71 |
| 1/16/2024 | 10:17:04 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.229% | 499.71 |
| 1/16/2024 | 10:17:06 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 10:17:08 PM | 0.048% | 690.80 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 10:17:10 PM | 0.048% | 690.80 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:12 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:14 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:16 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:18 PM | 0.048% | 690.80 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:20 PM | 0.048% | 690.80 | -2.247% | 26.24 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:22 PM | 0.048% | 690.80 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:24 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:26 PM | 0.048% | 690.80 | -0.570% | 26.68 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:28 PM | 0.048% | 690.80 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:30 PM | 0.048% | 690.80 | -1.923% | 26.32 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:17:32 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:34 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:36 PM | 0.048% | 690.80 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/16/2024 | 10:17:38 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/16/2024 | 10:17:40 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/16/2024 | 10:17:42 PM | 0.048% | 690.80 | -3.189% | 26.00 | -0.055% | 500.58 |
| 1/16/2024 | 10:17:44 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/16/2024 | 10:17:46 PM | 0.048% | 690.80 | 1.882% | 27.34 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:48 PM | 0.048% | 690.80 | -4.614% | 25.65 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:50 PM | 0.048% | 690.80 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:52 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:54 PM | 0.048% | 690.80 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:56 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.171% | 500.00 |
| 1/16/2024 | 10:17:58 PM | 0.048% | 690.80 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/16/2024 | 10:18:00 PM | 0.048% | 690.80 | 1.280% | 27.18 | -0.171% | 500.00 |
| 1/16/2024 | 10:18:02 PM | 0.048% | 690.80 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 10:18:04 PM | 0.048% | 690.80 | 4.074% | 27.97 | -0.229% | 499.71 |
| 1/16/2024 | 10:18:06 PM | 0.048% | 690.80 | -1.722% | 26.38 | -0.229% | 499.71 |
| 1/16/2024 | 10:18:08 PM | 0.048% | 690.80 | 2.954% | 27.65 | -0.229% | 499.71 |
| 1/16/2024 | 10:18:10 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/16/2024 | 10:18:12 PM | 0.048% | 690.80 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:14 PM | 0.006% | 690.50 | -2.369% | 26.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:16 PM | 0.048% | 690.80 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:18 PM | 0.048% | 690.80 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:20 PM | 0.048% | 690.80 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:22 PM | 0.048% | 690.80 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:24 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:26 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:28 PM | 0.048% | 690.80 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:30 PM | 0.048% | 690.80 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:32 PM | 0.048% | 690.80 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:34 PM | 0.048% | 690.80 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:36 PM | 0.048% | 690.80 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:38 PM | 0.048% | 690.80 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:40 PM | 0.048% | 690.80 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:42 PM | 0.048% | 690.80 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:44 PM | 0.048% | 690.80 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:46 PM | 0.048% | 690.80 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:48 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:50 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:52 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:54 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:56 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/16/2024 | 10:18:58 PM | 0.048% | 690.80 | -0.453% | 26.71 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:19:00 PM | 0.048% | 690.80 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:19:02 PM | 0.048% | 690.80 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:19:04 PM | 0.048% | 690.80 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:06 PM | 0.048% | 690.80 | -2.736% | 26.11 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:08 PM | 0.048% | 690.80 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:10 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.113% | 500.29 |
| 1/16/2024 | 10:19:12 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:14 PM | 0.048% | 690.80 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:16 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:18 PM | 0.048% | 690.80 | 0.015% | 26.83 | -0.113% | 500.29 |
| 1/16/2024 | 10:19:20 PM | 0.048% | 690.80 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:22 PM | 0.048% | 690.80 | -3.231% | 25.99 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:24 PM | 0.048% | 690.80 | -2.207% | 26.25 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:26 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:28 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:30 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:32 PM | 0.048% | 690.80 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:34 PM | 0.048% | 690.80 | 3.354% | 27.76 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:36 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:38 PM | 0.048% | 690.80 | 4.039% | 27.96 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:40 PM | 0.048% | 690.80 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 10:19:42 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:44 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.055% | 500.58 |
| 1/16/2024 | 10:19:46 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:19:48 PM | 0.006% | 690.50 | 3.608% | 27.83 | 0.060% | 501.16 |
| 1/16/2024 | 10:19:50 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/16/2024 | 10:19:52 PM | 0.048% | 690.80 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/16/2024 | 10:19:54 PM | 0.048% | 690.80 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/16/2024 | 10:19:56 PM | 0.048% | 690.80 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/16/2024 | 10:19:58 PM | 0.048% | 690.80 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:00 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:02 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:04 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:06 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:08 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:10 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:12 PM | 0.048% | 690.80 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:14 PM | 0.048% | 690.80 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:16 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:18 PM | 0.048% | 690.80 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:20:20 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 10:20:22 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/16/2024 | 10:20:24 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/16/2024 | 10:20:26 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:20:28 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.055% | 500.58 |
| 1/16/2024 | 10:20:30 PM | 0.048% | 690.80 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 10:20:32 PM | 0.048% | 690.80 | 3.608% | 27.83 | -0.055% | 500.58 |
| 1/16/2024 | 10:20:34 PM | 0.048% | 690.80 | 3.499% | 27.80 | -0.113% | 500.29 |
| 1/16/2024 | 10:20:36 PM | 0.048% | 690.80 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:38 PM | 0.048% | 690.80 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:40 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:42 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:44 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:46 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:48 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:50 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:52 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:54 PM | 0.006% | 690.50 | 4.039% | 27.96 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:56 PM | 0.048% | 690.80 | -2.819% | 26.09 | 0.060% | 501.16 |
| 1/16/2024 | 10:20:58 PM | 0.048% | 690.80 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:00 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:02 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:04 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:06 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:10 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:12 PM | 0.048% | 690.80 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:14 PM | 0.048% | 690.80 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:16 PM | 0.048% | 690.80 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:18 PM | 0.048% | 690.80 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:20 PM | 0.048% | 690.80 | 2.990% | 27.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:22 PM | 0.048% | 690.80 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:24 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:26 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:28 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:30 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:32 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:34 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:36 PM | 0.048% | 690.80 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:21:38 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:40 PM | 0.006% | 690.50 | -3.065% | 26.03 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:42 PM | 0.048% | 690.80 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:44 PM | 0.048% | 690.80 | 4.994% | 28.24 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:46 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:48 PM | 0.048% | 690.80 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:50 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:52 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:54 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:21:56 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/16/2024 | 10:21:58 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:00 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:02 PM | 0.006% | 690.50 | 4.819% | 28.19 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:04 PM | 0.048% | 690.80 | 3.427% | 27.78 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:06 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:08 PM | 0.048% | 690.80 | -2.983% | 26.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:10 PM | 0.006% | 690.50 | 3.063% | 27.68 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:12 PM | 0.048% | 690.80 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:14 PM | 0.048% | 690.80 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:16 PM | 0.048% | 690.80 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:18 PM | 0.006% | 690.50 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:20 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:22 PM | 0.048% | 690.80 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:24 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:26 PM | 0.048% | 690.80 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:28 PM | 0.048% | 690.80 | 2.217% | 27.44 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:30 PM | 0.048% | 690.80 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:32 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:34 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:36 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:38 PM | 0.048% | 690.80 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:40 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:42 PM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:44 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:46 PM | 0.048% | 690.80 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:48 PM | 0.048% | 690.80 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 10:22:50 PM | 0.006% | 690.50 | 4.854% | 28.20 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:52 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:54 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 10:22:56 PM | 0.048% | 690.80 | -0.806% | 26.61 | -0.113% | 500.29 |
| 1/16/2024 | 10:22:58 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:00 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/16/2024 | 10:23:02 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/16/2024 | 10:23:04 PM | 0.048% | 690.80 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:06 PM | 0.048% | 690.80 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:08 PM | 0.048% | 690.80 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:10 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:12 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:14 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:16 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:18 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:20 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:22 PM | 0.048% | 690.80 | 2.217% | 27.44 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:23:24 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:26 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:23:28 PM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/16/2024 | 10:23:30 PM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/16/2024 | 10:23:32 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 10:23:34 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:36 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:38 PM | 0.048% | 690.80 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:40 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:42 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:44 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:46 PM | 0.048% | 690.80 | -3.604% | 25.90 | -0.055% | 500.58 |
| 1/16/2024 | 10:23:48 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:50 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:52 PM | 0.048% | 690.80 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/16/2024 | 10:23:54 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:56 PM | 0.048% | 690.80 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/16/2024 | 10:23:58 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:24:00 PM | 0.006% | 690.50 | -2.369% | 26.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:24:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/16/2024 | 10:24:04 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:24:06 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:08 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:10 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:12 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:14 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:16 PM | 0.048% | 690.80 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:18 PM | 0.048% | 690.80 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:20 PM | 0.048% | 690.80 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:22 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:24 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:26 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:28 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:30 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:32 PM | 0.006% | 690.50 | 2.254% | 27.45 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:34 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:36 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:38 PM | 0.006% | 690.50 | -3.855% | 25.83 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:40 PM | 0.006% | 690.50 | -2.860% | 26.08 | -0.113% | 500.29 |
| 1/16/2024 | 10:24:42 PM | 0.006% | 690.50 | 3.967% | 27.94 | -0.055% | 500.58 |
| 1/16/2024 | 10:24:44 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.113% | 500.29 |
| 1/16/2024 | 10:24:46 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:24:48 PM | 0.006% | 690.50 | 2.881% | 27.63 | 0.003% | 500.87 |
| 1/16/2024 | 10:24:50 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:24:52 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:54 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:56 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/16/2024 | 10:24:58 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:00 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:02 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:04 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:06 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:08 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:10 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:12 PM | 0.048% | 690.80 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:14 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.171% | 500.00 |
| 1/16/2024 | 10:25:16 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/16/2024 | 10:25:18 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.229% | 499.71 |
| 1/16/2024 | 10:25:20 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.229% | 499.71 |
| 1/16/2024 | 10:25:22 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.229% | 499.71 |
| 1/16/2024 | 10:25:24 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.171% | 500.00 |
| 1/16/2024 | 10:25:26 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/16/2024 | 10:25:28 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.113% | 500.29 |
| 1/16/2024 | 10:25:30 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/16/2024 | 10:25:32 PM | 0.006% | 690.50 | 2.660% | 27.56 | -0.113% | 500.29 |
| 1/16/2024 | 10:25:34 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:36 PM | 0.048% | 690.80 | 3.173% | 27.71 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:38 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:40 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:42 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/16/2024 | 10:25:44 PM | 0.006% | 690.50 | 3.173% | 27.71 | -0.055% | 500.58 |
| 1/16/2024 | 10:25:46 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/16/2024 | 10:25:48 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.113% | 500.29 |
| 1/16/2024 | 10:25:50 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.055% | 500.58 |
| 1/16/2024 | 10:25:52 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/16/2024 | 10:25:54 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:56 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/16/2024 | 10:25:58 PM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:00 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:04 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:06 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:08 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:10 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:12 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:14 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:16 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:18 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:26:20 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:22 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:24 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/16/2024 | 10:26:26 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:28 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:30 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 10:26:32 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/16/2024 | 10:26:34 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.113% | 500.29 |
| 1/16/2024 | 10:26:36 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/16/2024 | 10:26:38 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.113% | 500.29 |
| 1/16/2024 | 10:26:40 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.113% | 500.29 |
| 1/16/2024 | 10:26:42 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/16/2024 | 10:26:44 PM | 0.006% | 690.50 | -2.328% | 26.22 | -0.055% | 500.58 |
| 1/16/2024 | 10:26:46 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/16/2024 | 10:26:48 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.171% | 500.00 |
| 1/16/2024 | 10:26:50 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 10:26:52 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 10:26:54 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.055% | 500.58 |
| 1/16/2024 | 10:26:56 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/16/2024 | 10:26:58 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:00 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:04 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:06 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:08 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:10 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:12 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 10:27:14 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:16 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:18 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:27:20 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/16/2024 | 10:27:22 PM | 0.006% | 690.50 | 4.217% | 28.01 | 0.060% | 501.16 |
| 1/16/2024 | 10:27:24 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/16/2024 | 10:27:26 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.118% | 501.45 |
| 1/16/2024 | 10:27:28 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/16/2024 | 10:27:30 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.118% | 501.45 |
| 1/16/2024 | 10:27:32 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/16/2024 | 10:27:34 PM | 0.006% | 690.50 | 2.660% | 27.56 | 0.060% | 501.16 |
| 1/16/2024 | 10:27:36 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/16/2024 | 10:27:38 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/16/2024 | 10:27:40 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/16/2024 | 10:27:42 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/16/2024 | 10:27:44 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.113% | 500.29 |
| 1/16/2024 | 10:27:46 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:27:48 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:50 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:52 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:54 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:56 PM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:27:58 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/16/2024 | 10:28:00 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/16/2024 | 10:28:02 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 10:28:04 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/16/2024 | 10:28:06 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:10 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:12 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:14 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:16 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:18 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:20 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:22 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:24 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:26 PM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:28 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:32 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:34 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:36 PM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:38 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.171% | 500.00 |
| 1/16/2024 | 10:28:40 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 10:28:42 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.171% | 500.00 |
| 1/16/2024 | 10:28:44 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/16/2024 | 10:28:46 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/16/2024 | 10:28:48 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.113% | 500.29 |
| 1/16/2024 | 10:28:50 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/16/2024 | 10:28:52 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 10:28:54 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.113% | 500.29 |
| 1/16/2024 | 10:28:56 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 10:28:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:00 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:02 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/16/2024 | 10:29:04 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:29:06 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/16/2024 | 10:29:08 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/16/2024 | 10:29:10 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/16/2024 | 10:29:12 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/16/2024 | 10:29:14 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:29:16 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:18 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:20 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:22 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:24 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:26 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:28 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:30 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:32 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:34 PM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:36 PM | 0.006% | 690.50 | 4.994% | 28.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:38 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:40 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:42 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 10:29:44 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/16/2024 | 10:29:46 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.113% | 500.29 |
| 1/16/2024 | 10:29:48 PM | 0.006% | 690.50 | -3.148% | 26.01 | -0.055% | 500.58 |
| 1/16/2024 | 10:29:50 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/16/2024 | 10:29:52 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 10:29:54 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 10:29:56 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.171% | 500.00 |
| 1/16/2024 | 10:29:58 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/16/2024 | 10:30:00 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:04 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:06 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:08 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:10 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:12 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:14 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:16 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.113% | 500.29 |
| 1/16/2024 | 10:30:18 PM | 0.006% | 690.50 | -2.983% | 26.05 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:20 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:22 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:24 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:26 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:28 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:30 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/16/2024 | 10:30:32 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.113% | 500.29 |
| 1/16/2024 | 10:30:34 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:36 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:38 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/16/2024 | 10:30:40 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/16/2024 | 10:30:42 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:30:44 PM | 0.006% | 690.50 | -4.657% | 25.64 | 0.118% | 501.45 |
| 1/16/2024 | 10:30:46 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/16/2024 | 10:30:48 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.118% | 501.45 |
| 1/16/2024 | 10:30:50 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:52 PM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:54 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:56 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/16/2024 | 10:30:58 PM | 0.006% | 690.50 | 3.391% | 27.77 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:00 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:04 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:06 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.113% | 500.29 |
| 1/16/2024 | 10:31:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:10 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.113% | 500.29 |
| 1/16/2024 | 10:31:12 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:14 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:16 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/16/2024 | 10:31:18 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/16/2024 | 10:31:20 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/16/2024 | 10:31:22 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:31:24 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:26 PM | 0.006% | 690.50 | -2.736% | 26.11 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:28 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:30 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:32 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:34 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:36 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:38 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:40 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:42 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:44 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:31:46 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.118% | 501.45 |
| 1/16/2024 | 10:31:48 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/16/2024 | 10:31:50 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/16/2024 | 10:31:52 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/16/2024 | 10:31:54 PM | 0.006% | 690.50 | -2.045% | 26.29 | 0.118% | 501.45 |
| 1/16/2024 | 10:31:56 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/16/2024 | 10:31:58 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.118% | 501.45 |
| 1/16/2024 | 10:32:00 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:02 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:04 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/16/2024 | 10:32:06 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.113% | 500.29 |
| 1/16/2024 | 10:32:08 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/16/2024 | 10:32:10 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:32:12 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.055% | 500.58 |
| 1/16/2024 | 10:32:14 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.113% | 500.29 |
| 1/16/2024 | 10:32:16 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.113% | 500.29 |
| 1/16/2024 | 10:32:18 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.113% | 500.29 |
| 1/16/2024 | 10:32:20 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:22 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:24 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:26 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:28 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:32:30 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/16/2024 | 10:32:32 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/16/2024 | 10:32:34 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.060% | 501.16 |
| 1/16/2024 | 10:32:36 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/16/2024 | 10:32:38 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:40 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:42 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:44 PM | 0.006% | 690.50 | 4.854% | 28.20 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:46 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:48 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:50 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:52 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:54 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:56 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 10:32:58 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:00 PM | 0.006% | 690.50 | 2.954% | 27.65 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:02 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:04 PM | 0.006% | 690.50 | -3.272% | 25.98 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:06 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:08 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:10 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:12 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:14 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:16 PM | 0.006% | 690.50 | 4.074% | 27.97 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:18 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:20 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:22 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:24 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:26 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:28 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:30 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:32 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:36 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:38 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:33:40 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:42 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:44 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:46 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:48 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:33:50 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:52 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/16/2024 | 10:33:54 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/16/2024 | 10:33:56 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.113% | 500.29 |
| 1/16/2024 | 10:33:58 PM | 0.006% | 690.50 | -6.123% | 25.28 | -0.113% | 500.29 |
| 1/16/2024 | 10:34:00 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/16/2024 | 10:34:02 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/16/2024 | 10:34:04 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:06 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:08 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:10 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:12 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:14 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:16 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:18 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:20 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:22 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:26 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:28 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.113% | 500.29 |
| 1/16/2024 | 10:34:30 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/16/2024 | 10:34:32 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 10:34:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/16/2024 | 10:34:36 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/16/2024 | 10:34:38 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.113% | 500.29 |
| 1/16/2024 | 10:34:40 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:42 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:44 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:46 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.060% | 501.16 |
| 1/16/2024 | 10:34:48 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 10:34:50 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:34:52 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/16/2024 | 10:34:54 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/16/2024 | 10:34:56 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 10:34:58 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:00 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:02 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:04 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:06 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:35:08 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:10 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:12 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:14 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:16 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:18 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:20 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:22 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:24 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:26 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:28 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:30 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/16/2024 | 10:35:32 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/16/2024 | 10:35:34 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/16/2024 | 10:35:36 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:38 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 10:35:40 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:42 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:44 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:46 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:48 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:50 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:52 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/16/2024 | 10:35:54 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.055% | 500.58 |
| 1/16/2024 | 10:35:56 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 10:35:58 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:00 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:04 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.113% | 500.29 |
| 1/16/2024 | 10:36:06 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.113% | 500.29 |
| 1/16/2024 | 10:36:08 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.113% | 500.29 |
| 1/16/2024 | 10:36:10 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/16/2024 | 10:36:12 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:14 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:16 PM | 0.006% | 690.50 | -2.860% | 26.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:18 PM | 0.006% | 690.50 | -2.819% | 26.09 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:20 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:22 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:24 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:26 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:28 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:30 PM | -0.037% | 690.20 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:32 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:34 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:36:36 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:38 PM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:40 PM | 0.006% | 690.50 | -3.646% | 25.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:42 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:44 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:36:46 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:48 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:50 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:52 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:36:56 PM | -0.037% | 690.20 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/16/2024 | 10:36:58 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:00 PM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:02 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:04 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:06 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:08 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:10 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:12 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:14 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:16 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:18 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:20 PM | -0.037% | 690.20 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:22 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:24 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:26 PM | -0.037% | 690.20 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:28 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:30 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:32 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:34 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:36 PM | -0.037% | 690.20 | 2.587% | 27.54 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:38 PM | -0.037% | 690.20 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:37:40 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:42 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:44 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:46 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:48 PM | -0.037% | 690.20 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:50 PM | -0.037% | 690.20 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:52 PM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:54 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:56 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.060% | 501.16 |
| 1/16/2024 | 10:37:58 PM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/16/2024 | 10:38:00 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:02 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:38:04 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:06 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:08 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:10 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:12 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:14 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:16 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:18 PM | -0.037% | 690.20 | -3.479% | 25.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:20 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:22 PM | -0.037% | 690.20 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:24 PM | -0.037% | 690.20 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:26 PM | -0.037% | 690.20 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:28 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:30 PM | 0.006% | 690.50 | -3.646% | 25.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:32 PM | -0.037% | 690.20 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:34 PM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:36 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:38 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:40 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:42 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:44 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:46 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:48 PM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:50 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 10:38:52 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:54 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:56 PM | 0.006% | 690.50 | 3.572% | 27.82 | -0.055% | 500.58 |
| 1/16/2024 | 10:38:58 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:00 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:02 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:04 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:06 PM | -0.037% | 690.20 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:08 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:10 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:12 PM | -0.037% | 690.20 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:14 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:16 PM | -0.037% | 690.20 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:18 PM | -0.037% | 690.20 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:20 PM | -0.037% | 690.20 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/16/2024 | 10:39:22 PM | -0.037% | 690.20 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 10:39:24 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/16/2024 | 10:39:26 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:39:28 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 10:39:30 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:39:32 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 10:39:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:36 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:38 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:40 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:42 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.113% | 500.29 |
| 1/16/2024 | 10:39:44 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.113% | 500.29 |
| 1/16/2024 | 10:39:46 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:48 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/16/2024 | 10:39:50 PM | 0.006% | 690.50 | -2.573% | 26.16 | -0.113% | 500.29 |
| 1/16/2024 | 10:39:52 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/16/2024 | 10:39:54 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.113% | 500.29 |
| 1/16/2024 | 10:39:56 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/16/2024 | 10:39:58 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.113% | 500.29 |
| 1/16/2024 | 10:40:00 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:02 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:04 PM | 0.006% | 690.50 | 4.074% | 27.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:06 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:08 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:10 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.113% | 500.29 |
| 1/16/2024 | 10:40:12 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:14 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:16 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.113% | 500.29 |
| 1/16/2024 | 10:40:18 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.113% | 500.29 |
| 1/16/2024 | 10:40:20 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:22 PM | 0.006% | 690.50 | 2.624% | 27.55 | -0.113% | 500.29 |
| 1/16/2024 | 10:40:24 PM | -0.037% | 690.20 | 2.807% | 27.60 | -0.055% | 500.58 |
| 1/16/2024 | 10:40:26 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.113% | 500.29 |
| 1/16/2024 | 10:40:28 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:30 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:32 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:34 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:40:36 PM | -0.037% | 690.20 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:40:38 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 10:40:40 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/16/2024 | 10:40:42 PM | -0.037% | 690.20 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/16/2024 | 10:40:44 PM | -0.037% | 690.20 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/16/2024 | 10:40:46 PM | -0.037% | 690.20 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:48 PM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:50 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:52 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:54 PM | -0.037% | 690.20 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:56 PM | -0.037% | 690.20 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:40:58 PM | -0.037% | 690.20 | 1.956% | 27.36 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:41:00 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 10:41:02 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:04 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.113% | 500.29 |
| 1/16/2024 | 10:41:06 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:08 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.171% | 500.00 |
| 1/16/2024 | 10:41:10 PM | 0.006% | 690.50 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/16/2024 | 10:41:12 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 10:41:14 PM | -0.037% | 690.20 | -5.514% | 25.43 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:16 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.113% | 500.29 |
| 1/16/2024 | 10:41:18 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.113% | 500.29 |
| 1/16/2024 | 10:41:20 PM | -0.037% | 690.20 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/16/2024 | 10:41:22 PM | -0.037% | 690.20 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/16/2024 | 10:41:24 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/16/2024 | 10:41:26 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/16/2024 | 10:41:28 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/16/2024 | 10:41:30 PM | 0.006% | 690.50 | 2.513% | 27.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:32 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:34 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:36 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:38 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.113% | 500.29 |
| 1/16/2024 | 10:41:40 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.113% | 500.29 |
| 1/16/2024 | 10:41:42 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:44 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:46 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/16/2024 | 10:41:48 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:41:50 PM | -0.037% | 690.20 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:41:52 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 10:41:54 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 10:41:56 PM | -0.037% | 690.20 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 10:41:58 PM | -0.037% | 690.20 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:00 PM | -0.037% | 690.20 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:02 PM | -0.037% | 690.20 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:04 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:06 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:08 PM | -0.037% | 690.20 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:10 PM | -0.037% | 690.20 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:12 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:14 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:16 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:18 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/16/2024 | 10:42:20 PM | 0.006% | 690.50 | 2.587% | 27.54 | -0.055% | 500.58 |
| 1/16/2024 | 10:42:22 PM | 0.006% | 690.50 | 4.994% | 28.24 | -0.055% | 500.58 |
| 1/16/2024 | 10:42:24 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:26 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:42:28 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:30 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:32 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:34 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:36 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:38 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:40 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:42 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:44 PM | -0.037% | 690.20 | 2.513% | 27.52 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:46 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/16/2024 | 10:42:48 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/16/2024 | 10:42:50 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/16/2024 | 10:42:52 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/16/2024 | 10:42:54 PM | -0.037% | 690.20 | -4.529% | 25.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:56 PM | -0.037% | 690.20 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:42:58 PM | -0.037% | 690.20 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:00 PM | -0.037% | 690.20 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:02 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:04 PM | -0.037% | 690.20 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:06 PM | -0.037% | 690.20 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:08 PM | -0.037% | 690.20 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:10 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:12 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:14 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:16 PM | -0.037% | 690.20 | 2.844% | 27.61 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:18 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:20 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:22 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:24 PM | -0.037% | 690.20 | -2.655% | 26.14 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:26 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:28 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:30 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/16/2024 | 10:43:32 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:34 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:36 PM | -0.037% | 690.20 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:38 PM | -0.037% | 690.20 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:40 PM | -0.037% | 690.20 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:42 PM | -0.037% | 690.20 | -5.127% | 25.52 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:44 PM | -0.037% | 690.20 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 10:43:46 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:48 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:50 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:52 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:54 PM | 0.006% | 690.50 | -3.479% | 25.93 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:43:56 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.113% | 500.29 |
| 1/16/2024 | 10:43:58 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/16/2024 | 10:44:00 PM | -0.037% | 690.20 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/16/2024 | 10:44:02 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/16/2024 | 10:44:04 PM | -0.037% | 690.20 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/16/2024 | 10:44:06 PM | -0.037% | 690.20 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/16/2024 | 10:44:08 PM | -0.037% | 690.20 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 10:44:10 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:44:12 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.113% | 500.29 |
| 1/16/2024 | 10:44:14 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.229% | 499.71 |
| 1/16/2024 | 10:44:16 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/16/2024 | 10:44:18 PM | -0.037% | 690.20 | 4.784% | 28.18 | -0.229% | 499.71 |
| 1/16/2024 | 10:44:20 PM | -0.037% | 690.20 | -6.430% | 25.21 | -0.229% | 499.71 |
| 1/16/2024 | 10:44:22 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.229% | 499.71 |
| 1/16/2024 | 10:44:24 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/16/2024 | 10:44:26 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/16/2024 | 10:44:28 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/16/2024 | 10:44:30 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.171% | 500.00 |
| 1/16/2024 | 10:44:32 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/16/2024 | 10:44:34 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.055% | 500.58 |
| 1/16/2024 | 10:44:36 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.055% | 500.58 |
| 1/16/2024 | 10:44:38 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:44:40 PM | -0.037% | 690.20 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:44:42 PM | -0.037% | 690.20 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/16/2024 | 10:44:44 PM | -0.037% | 690.20 | -2.860% | 26.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:44:46 PM | -0.037% | 690.20 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 10:44:48 PM | -0.037% | 690.20 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/16/2024 | 10:44:50 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.113% | 500.29 |
| 1/16/2024 | 10:44:52 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.113% | 500.29 |
| 1/16/2024 | 10:44:54 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 10:44:56 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 10:44:58 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 10:45:00 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.171% | 500.00 |
| 1/16/2024 | 10:45:02 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/16/2024 | 10:45:04 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/16/2024 | 10:45:06 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:08 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:10 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:12 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:14 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:16 PM | -0.037% | 690.20 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:18 PM | -0.037% | 690.20 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:20 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:22 PM | -0.037% | 690.20 | 1.657% | 27.28 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:45:24 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:26 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:28 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:30 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:32 PM | -0.037% | 690.20 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:34 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:36 PM | -0.037% | 690.20 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:38 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:45:40 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/16/2024 | 10:45:42 PM | -0.037% | 690.20 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/16/2024 | 10:45:44 PM | -0.037% | 690.20 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/16/2024 | 10:45:46 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/16/2024 | 10:45:48 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:50 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:52 PM | -0.037% | 690.20 | 2.513% | 27.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:54 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/16/2024 | 10:45:56 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:45:58 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:00 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:02 PM | -0.037% | 690.20 | -3.231% | 25.99 | -0.113% | 500.29 |
| 1/16/2024 | 10:46:04 PM | -0.037% | 690.20 | 2.476% | 27.51 | -0.113% | 500.29 |
| 1/16/2024 | 10:46:06 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:08 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:10 PM | -0.037% | 690.20 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:12 PM | -0.037% | 690.20 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:14 PM | -0.037% | 690.20 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:16 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:18 PM | -0.037% | 690.20 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:20 PM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:22 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:24 PM | -0.037% | 690.20 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:26 PM | -0.037% | 690.20 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:28 PM | -0.037% | 690.20 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:30 PM | -0.037% | 690.20 | -4.445% | 25.69 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:32 PM | -0.037% | 690.20 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:34 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:36 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:38 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:40 PM | 0.006% | 690.50 | 3.027% | 27.67 | -0.113% | 500.29 |
| 1/16/2024 | 10:46:42 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:44 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/16/2024 | 10:46:46 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:48 PM | -0.037% | 690.20 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 10:46:50 PM | -0.037% | 690.20 | -0.335% | 26.74 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:46:52 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/16/2024 | 10:46:54 PM | -0.037% | 690.20 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/16/2024 | 10:46:56 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:46:58 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 10:47:00 PM | -0.037% | 690.20 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 10:47:02 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:04 PM | -0.037% | 690.20 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:06 PM | -0.037% | 690.20 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:08 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:10 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.113% | 500.29 |
| 1/16/2024 | 10:47:12 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.113% | 500.29 |
| 1/16/2024 | 10:47:14 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:16 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:18 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:20 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/16/2024 | 10:47:22 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:24 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:26 PM | -0.037% | 690.20 | -4.107% | 25.77 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:28 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:30 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:32 PM | -0.037% | 690.20 | 3.063% | 27.68 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:34 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:36 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/16/2024 | 10:47:38 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.113% | 500.29 |
| 1/16/2024 | 10:47:40 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:42 PM | -0.037% | 690.20 | -2.777% | 26.10 | -0.113% | 500.29 |
| 1/16/2024 | 10:47:44 PM | -0.037% | 690.20 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:46 PM | -0.037% | 690.20 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:48 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:50 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:52 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:54 PM | -0.037% | 690.20 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:47:56 PM | -0.037% | 690.20 | 4.748% | 28.17 | -0.055% | 500.58 |
| 1/16/2024 | 10:47:58 PM | -0.037% | 690.20 | -2.655% | 26.14 | -0.055% | 500.58 |
| 1/16/2024 | 10:48:00 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/16/2024 | 10:48:02 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/16/2024 | 10:48:04 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/16/2024 | 10:48:06 PM | -0.037% | 690.20 | -2.247% | 26.24 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:08 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:10 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:12 PM | -0.037% | 690.20 | 3.967% | 27.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:14 PM | -0.037% | 690.20 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:16 PM | -0.037% | 690.20 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:18 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:48:20 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/16/2024 | 10:48:22 PM | -0.037% | 690.20 | 3.895% | 27.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:48:24 PM | -0.037% | 690.20 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/16/2024 | 10:48:26 PM | -0.037% | 690.20 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:28 PM | -0.037% | 690.20 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:30 PM | -0.037% | 690.20 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:48:32 PM | -0.037% | 690.20 | -2.736% | 26.11 | -0.055% | 500.58 |
| 1/16/2024 | 10:48:34 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.113% | 500.29 |
| 1/16/2024 | 10:48:36 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/16/2024 | 10:48:38 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:40 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:42 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:44 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.229% | 499.71 |
| 1/16/2024 | 10:48:46 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 10:48:48 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 10:48:50 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.229% | 499.71 |
| 1/16/2024 | 10:48:52 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.229% | 499.71 |
| 1/16/2024 | 10:48:54 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:56 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/16/2024 | 10:48:58 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 10:49:00 PM | -0.037% | 690.20 | 3.499% | 27.80 | -0.171% | 500.00 |
| 1/16/2024 | 10:49:02 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/16/2024 | 10:49:04 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 10:49:06 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/16/2024 | 10:49:08 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.055% | 500.58 |
| 1/16/2024 | 10:49:10 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.113% | 500.29 |
| 1/16/2024 | 10:49:12 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 10:49:14 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:16 PM | -0.037% | 690.20 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:18 PM | -0.037% | 690.20 | 3.173% | 27.71 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:20 PM | -0.037% | 690.20 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:22 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/16/2024 | 10:49:24 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:49:26 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 10:49:28 PM | -0.037% | 690.20 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 10:49:30 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/16/2024 | 10:49:32 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/16/2024 | 10:49:34 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 10:49:36 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.113% | 500.29 |
| 1/16/2024 | 10:49:38 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/16/2024 | 10:49:40 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.113% | 500.29 |
| 1/16/2024 | 10:49:42 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:44 PM | -0.037% | 690.20 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:46 PM | -0.037% | 690.20 | 1.318% | 27.19 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:49:48 PM | -0.037% | 690.20 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:50 PM | -0.037% | 690.20 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:52 PM | -0.037% | 690.20 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:54 PM | -0.037% | 690.20 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:56 PM | -0.037% | 690.20 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/16/2024 | 10:49:58 PM | -0.037% | 690.20 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 10:50:00 PM | -0.037% | 690.20 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/16/2024 | 10:50:02 PM | -0.037% | 690.20 | -3.148% | 26.01 | 0.003% | 500.87 |
| 1/16/2024 | 10:50:04 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:06 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:08 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:10 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:12 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:14 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:16 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 10:50:18 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.229% | 499.71 |
| 1/16/2024 | 10:50:20 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.229% | 499.71 |
| 1/16/2024 | 10:50:22 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.229% | 499.71 |
| 1/16/2024 | 10:50:24 PM | -0.037% | 690.20 | 2.844% | 27.61 | -0.229% | 499.71 |
| 1/16/2024 | 10:50:26 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:28 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:30 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:32 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:34 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:36 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:38 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:40 PM | -0.037% | 690.20 | -2.410% | 26.20 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:42 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:44 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:46 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:48 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.113% | 500.29 |
| 1/16/2024 | 10:50:50 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.113% | 500.29 |
| 1/16/2024 | 10:50:52 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/16/2024 | 10:50:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/16/2024 | 10:50:56 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.171% | 500.00 |
| 1/16/2024 | 10:50:58 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:00 PM | -0.037% | 690.20 | 1.844% | 27.33 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:02 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:04 PM | -0.037% | 690.20 | -3.396% | 25.95 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:06 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:08 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:10 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/16/2024 | 10:51:12 PM | -0.037% | 690.20 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:51:14 PM | -0.037% | 690.20 | -3.272% | 25.98 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:51:16 PM | -0.037% | 690.20 | 2.402% | 27.49 | 0.003% | 500.87 |
| 1/16/2024 | 10:51:18 PM | -0.037% | 690.20 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:51:20 PM | -0.037% | 690.20 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:51:22 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/16/2024 | 10:51:24 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:26 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:28 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:30 PM | 0.006% | 690.50 | -2.942% | 26.06 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:32 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:34 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:36 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:38 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:40 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:42 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.113% | 500.29 |
| 1/16/2024 | 10:51:44 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.113% | 500.29 |
| 1/16/2024 | 10:51:46 PM | -0.037% | 690.20 | 3.173% | 27.71 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:48 PM | -0.037% | 690.20 | 2.660% | 27.56 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:50 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:52 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/16/2024 | 10:51:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:56 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/16/2024 | 10:51:58 PM | -0.037% | 690.20 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:00 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:02 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:04 PM | -0.037% | 690.20 | -2.247% | 26.24 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:06 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:08 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:10 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:12 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:14 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:16 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:18 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:20 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:22 PM | -0.037% | 690.20 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 10:52:24 PM | -0.037% | 690.20 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/16/2024 | 10:52:26 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 10:52:28 PM | -0.037% | 690.20 | -2.942% | 26.06 | 0.060% | 501.16 |
| 1/16/2024 | 10:52:30 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 10:52:32 PM | -0.037% | 690.20 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/16/2024 | 10:52:34 PM | -0.037% | 690.20 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 10:52:36 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 10:52:38 PM | -0.037% | 690.20 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:52:40 PM | 0.006% | 690.50 | 3.063% | 27.68 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:42 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:52:44 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:46 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:48 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:50 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:52 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 10:52:54 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/16/2024 | 10:52:56 PM | -0.037% | 690.20 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/16/2024 | 10:52:58 PM | -0.037% | 690.20 | -3.189% | 26.00 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:00 PM | -0.037% | 690.20 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:02 PM | -0.037% | 690.20 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:04 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:06 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:08 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:10 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:12 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:53:14 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:16 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:18 PM | -0.037% | 690.20 | -2.410% | 26.20 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:20 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:22 PM | -0.037% | 690.20 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:24 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:26 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:28 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:30 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.113% | 500.29 |
| 1/16/2024 | 10:53:32 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:34 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.113% | 500.29 |
| 1/16/2024 | 10:53:36 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:38 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:40 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 10:53:42 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:44 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:46 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:48 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:50 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:52 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:54 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:56 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 10:53:58 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:00 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:02 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:04 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:06 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:08 PM | 0.006% | 690.50 | 3.318% | 27.75 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:10 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:54:12 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:14 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:16 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:18 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:20 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:22 PM | 0.006% | 690.50 | 2.660% | 27.56 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:24 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:26 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:28 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:30 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.171% | 500.00 |
| 1/16/2024 | 10:54:32 PM | -0.037% | 690.20 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:54:34 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:54:36 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/16/2024 | 10:54:38 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/16/2024 | 10:54:40 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/16/2024 | 10:54:42 PM | -0.037% | 690.20 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/16/2024 | 10:54:44 PM | -0.037% | 690.20 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 10:54:46 PM | -0.037% | 690.20 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 10:54:48 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/16/2024 | 10:54:50 PM | -0.037% | 690.20 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/16/2024 | 10:54:52 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/16/2024 | 10:54:54 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 10:54:56 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.113% | 500.29 |
| 1/16/2024 | 10:54:58 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/16/2024 | 10:55:00 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/16/2024 | 10:55:02 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 10:55:04 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.055% | 500.58 |
| 1/16/2024 | 10:55:06 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/16/2024 | 10:55:08 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/16/2024 | 10:55:10 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/16/2024 | 10:55:12 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:14 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:16 PM | 0.006% | 690.50 | 4.217% | 28.01 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:18 PM | -0.037% | 690.20 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:20 PM | -0.037% | 690.20 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:22 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:24 PM | -0.037% | 690.20 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:26 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:28 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:30 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 10:55:32 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:34 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:36 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:38 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:55:40 PM | -0.037% | 690.20 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:42 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:44 PM | -0.037% | 690.20 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:46 PM | -0.037% | 690.20 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:48 PM | -0.037% | 690.20 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:50 PM | -0.037% | 690.20 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:52 PM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:54 PM | 0.006% | 690.50 | -3.065% | 26.03 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:56 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/16/2024 | 10:55:58 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/16/2024 | 10:56:00 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/16/2024 | 10:56:02 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/16/2024 | 10:56:04 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 10:56:06 PM | -0.037% | 690.20 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/16/2024 | 10:56:08 PM | -0.037% | 690.20 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:10 PM | -0.037% | 690.20 | 3.173% | 27.71 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:12 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:14 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:16 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:18 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:20 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:22 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:24 PM | -0.037% | 690.20 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:26 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:28 PM | -0.037% | 690.20 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:30 PM | -0.037% | 690.20 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:32 PM | -0.037% | 690.20 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 10:56:34 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:36 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:38 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:40 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:42 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:44 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:46 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:48 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.171% | 500.00 |
| 1/16/2024 | 10:56:50 PM | 0.006% | 690.50 | 2.587% | 27.54 | -0.171% | 500.00 |
| 1/16/2024 | 10:56:52 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.171% | 500.00 |
| 1/16/2024 | 10:56:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 10:56:56 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/16/2024 | 10:56:58 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.055% | 500.58 |
| 1/16/2024 | 10:57:00 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/16/2024 | 10:57:02 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.113% | 500.29 |
| 1/16/2024 | 10:57:04 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 10:57:06 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.055% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:57:08 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.113% | 500.29 |
| 1/16/2024 | 10:57:10 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/16/2024 | 10:57:12 PM | 0.006% | 690.50 | -3.479% | 25.93 | -0.055% | 500.58 |
| 1/16/2024 | 10:57:14 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.113% | 500.29 |
| 1/16/2024 | 10:57:16 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.113% | 500.29 |
| 1/16/2024 | 10:57:18 PM | -0.037% | 690.20 | -2.573% | 26.16 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:20 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:22 PM | -0.037% | 690.20 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:24 PM | 0.006% | 690.50 | 5.099% | 28.27 | 0.060% | 501.16 |
| 1/16/2024 | 10:57:26 PM | -0.037% | 690.20 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/16/2024 | 10:57:28 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/16/2024 | 10:57:30 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/16/2024 | 10:57:32 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.118% | 501.45 |
| 1/16/2024 | 10:57:34 PM | -0.037% | 690.20 | -2.819% | 26.09 | 0.118% | 501.45 |
| 1/16/2024 | 10:57:36 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:38 PM | 0.006% | 690.50 | 4.146% | 27.99 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:40 PM | -0.037% | 690.20 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:42 PM | -0.037% | 690.20 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:44 PM | -0.037% | 690.20 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:46 PM | -0.037% | 690.20 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:48 PM | -0.037% | 690.20 | -3.438% | 25.94 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:50 PM | -0.037% | 690.20 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:52 PM | -0.037% | 690.20 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:54 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/16/2024 | 10:57:56 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 10:57:58 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.055% | 500.58 |
| 1/16/2024 | 10:58:00 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/16/2024 | 10:58:02 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/16/2024 | 10:58:04 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:06 PM | -0.037% | 690.20 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:08 PM | -0.037% | 690.20 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/16/2024 | 10:58:10 PM | -0.037% | 690.20 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/16/2024 | 10:58:12 PM | -0.037% | 690.20 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/16/2024 | 10:58:14 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/16/2024 | 10:58:16 PM | -0.037% | 690.20 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:18 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:20 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:22 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.113% | 500.29 |
| 1/16/2024 | 10:58:24 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 10:58:26 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.055% | 500.58 |
| 1/16/2024 | 10:58:28 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.113% | 500.29 |
| 1/16/2024 | 10:58:30 PM | -0.037% | 690.20 | 3.931% | 27.93 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:32 PM | -0.037% | 690.20 | -2.983% | 26.05 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:34 PM | -0.037% | 690.20 | -3.897% | 25.82 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 10:58:36 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:38 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:40 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:42 PM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:44 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 10:58:46 PM | -0.037% | 690.20 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:48 PM | -0.037% | 690.20 | 2.954% | 27.65 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:50 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:52 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:54 PM | -0.037% | 690.20 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:56 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/16/2024 | 10:58:58 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:00 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:02 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:04 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:06 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:08 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:10 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:12 PM | -0.037% | 690.20 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:14 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:16 PM | 0.006% | 690.50 | 2.954% | 27.65 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:18 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:20 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:22 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:24 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:26 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:28 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:30 PM | -0.037% | 690.20 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:32 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:34 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:36 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:38 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:40 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:42 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:44 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:46 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:48 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:50 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:52 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/16/2024 | 10:59:56 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/16/2024 | 10:59:58 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:00 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:02 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:00:04 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:06 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:08 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:10 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:12 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:14 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:16 PM | 0.006% | 690.50 | -3.272% | 25.98 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:18 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:20 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:22 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:24 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:26 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.118% | 501.45 |
| 1/16/2024 | 11:00:28 PM | -0.037% | 690.20 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/16/2024 | 11:00:30 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/16/2024 | 11:00:32 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:34 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:36 PM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:38 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:40 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:42 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:44 PM | -0.037% | 690.20 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:46 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/16/2024 | 11:00:48 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:50 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:52 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 11:00:54 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/16/2024 | 11:00:56 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/16/2024 | 11:00:58 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/16/2024 | 11:01:00 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:02 PM | -0.037% | 690.20 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:04 PM | -0.037% | 690.20 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:06 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:08 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:10 PM | -0.037% | 690.20 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:12 PM | 0.006% | 690.50 | 2.513% | 27.52 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:14 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:16 PM | 0.006% | 690.50 | -3.563% | 25.91 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:18 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:20 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:22 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:24 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:26 PM | -0.037% | 690.20 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:28 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:01:32 PM | -0.037% | 690.20 | -3.563% | 25.91 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:34 PM | -0.037% | 690.20 | 3.788% | 27.89 | 0.060% | 501.16 |
| 1/16/2024 | 11:01:36 PM | -0.037% | 690.20 | 3.246% | 27.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:38 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:40 PM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:42 PM | 0.006% | 690.50 | -2.942% | 26.06 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:44 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:46 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/16/2024 | 11:01:48 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.113% | 500.29 |
| 1/16/2024 | 11:01:50 PM | 0.006% | 690.50 | -4.402% | 25.70 | -0.113% | 500.29 |
| 1/16/2024 | 11:01:52 PM | 0.006% | 690.50 | 2.513% | 27.52 | -0.113% | 500.29 |
| 1/16/2024 | 11:01:54 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:56 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/16/2024 | 11:01:58 PM | -0.037% | 690.20 | 2.660% | 27.56 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:00 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:02 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:04 PM | 0.006% | 690.50 | 3.535% | 27.81 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:06 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 11:02:08 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/16/2024 | 11:02:10 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 11:02:12 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/16/2024 | 11:02:14 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 11:02:16 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:18 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:20 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:22 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:24 PM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:26 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:28 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:30 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:32 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:34 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/16/2024 | 11:02:36 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.118% | 501.45 |
| 1/16/2024 | 11:02:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/16/2024 | 11:02:40 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.118% | 501.45 |
| 1/16/2024 | 11:02:42 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/16/2024 | 11:02:44 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:46 PM | -0.037% | 690.20 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:50 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:52 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:54 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.060% | 501.16 |
| 1/16/2024 | 11:02:56 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/16/2024 | 11:02:58 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:03:00 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:02 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:04 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:06 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:08 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:10 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:12 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:14 PM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:16 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/16/2024 | 11:03:18 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:20 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:22 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:24 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:26 PM | 0.006% | 690.50 | 1.582% | 27.26 | -0.113% | 500.29 |
| 1/16/2024 | 11:03:28 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/16/2024 | 11:03:30 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/16/2024 | 11:03:32 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/16/2024 | 11:03:34 PM | -0.037% | 690.20 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/16/2024 | 11:03:36 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.113% | 500.29 |
| 1/16/2024 | 11:03:38 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 11:03:40 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:42 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:44 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:46 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:48 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:50 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:52 PM | -0.037% | 690.20 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/16/2024 | 11:03:54 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.176% | 501.74 |
| 1/16/2024 | 11:03:56 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/16/2024 | 11:03:58 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/16/2024 | 11:04:00 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/16/2024 | 11:04:02 PM | -0.037% | 690.20 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:04 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:06 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:08 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 11:04:10 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 11:04:12 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:14 PM | -0.037% | 690.20 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:16 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:18 PM | -0.037% | 690.20 | 2.660% | 27.56 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:20 PM | -0.037% | 690.20 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:22 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:24 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:26 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:04:28 PM | 0.006% | 690.50 | 3.209% | 27.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:30 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:32 PM | 0.006% | 690.50 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:34 PM | 0.006% | 690.50 | 3.354% | 27.76 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:36 PM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:38 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:40 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:42 PM | -0.037% | 690.20 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/16/2024 | 11:04:44 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/16/2024 | 11:04:46 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 11:04:48 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 11:04:50 PM | -0.037% | 690.20 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 11:04:52 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/16/2024 | 11:04:54 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/16/2024 | 11:04:56 PM | -0.037% | 690.20 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/16/2024 | 11:04:58 PM | -0.037% | 690.20 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/16/2024 | 11:05:00 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.176% | 501.74 |
| 1/16/2024 | 11:05:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/16/2024 | 11:05:04 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:06 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:08 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:10 PM | 0.006% | 690.50 | -2.328% | 26.22 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:12 PM | 0.006% | 690.50 | 2.660% | 27.56 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:14 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:16 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:18 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:20 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:22 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:24 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:26 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:28 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:30 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:32 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/16/2024 | 11:05:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/16/2024 | 11:05:36 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/16/2024 | 11:05:38 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/16/2024 | 11:05:40 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/16/2024 | 11:05:42 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.055% | 500.58 |
| 1/16/2024 | 11:05:44 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/16/2024 | 11:05:46 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/16/2024 | 11:05:48 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/16/2024 | 11:05:50 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/16/2024 | 11:05:52 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 11:05:54 PM | 0.006% | 690.50 | -3.355% | 25.96 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:05:56 PM | 0.006% | 690.50 | -3.148% | 26.01 | 0.060% | 501.16 |
| 1/16/2024 | 11:05:58 PM | 0.006% | 690.50 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:00 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:02 PM | 0.006% | 690.50 | -3.479% | 25.93 | 0.118% | 501.45 |
| 1/16/2024 | 11:06:04 PM | -0.037% | 690.20 | -5.385% | 25.46 | 0.118% | 501.45 |
| 1/16/2024 | 11:06:06 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:08 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:10 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:12 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:14 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:16 PM | 0.006% | 690.50 | 2.439% | 27.50 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:18 PM | -0.037% | 690.20 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:20 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:22 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:24 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:26 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:28 PM | 0.006% | 690.50 | 4.466% | 28.08 | 0.003% | 500.87 |
| 1/16/2024 | 11:06:30 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/16/2024 | 11:06:32 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 11:06:34 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/16/2024 | 11:06:36 PM | 0.006% | 690.50 | -2.532% | 26.17 | 0.118% | 501.45 |
| 1/16/2024 | 11:06:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/16/2024 | 11:06:40 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:42 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:44 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:46 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:48 PM | 0.006% | 690.50 | -2.942% | 26.06 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:50 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:52 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.176% | 501.74 |
| 1/16/2024 | 11:06:54 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:56 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/16/2024 | 11:06:58 PM | -0.037% | 690.20 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:00 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:02 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:04 PM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:06 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:08 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:10 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:12 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:14 PM | -0.037% | 690.20 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:16 PM | -0.037% | 690.20 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:18 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:20 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:22 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:07:24 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:26 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:28 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 11:07:30 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:32 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:34 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:36 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/16/2024 | 11:07:38 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/16/2024 | 11:07:40 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 11:07:42 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/16/2024 | 11:07:44 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/16/2024 | 11:07:46 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 11:07:48 PM | 0.006% | 690.50 | -2.573% | 26.16 | -0.113% | 500.29 |
| 1/16/2024 | 11:07:50 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.113% | 500.29 |
| 1/16/2024 | 11:07:52 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:54 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:56 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 11:07:58 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:00 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:02 PM | 0.006% | 690.50 | -2.450% | 26.19 | 0.176% | 501.74 |
| 1/16/2024 | 11:08:04 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.176% | 501.74 |
| 1/16/2024 | 11:08:06 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.176% | 501.74 |
| 1/16/2024 | 11:08:08 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/16/2024 | 11:08:10 PM | 0.006% | 690.50 | -3.189% | 26.00 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:12 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:14 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:16 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:18 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:20 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:22 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:26 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/16/2024 | 11:08:28 PM | 0.006% | 690.50 | 3.535% | 27.81 | 0.118% | 501.45 |
| 1/16/2024 | 11:08:30 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.233% | 502.03 |
| 1/16/2024 | 11:08:32 PM | -0.037% | 690.20 | 1.544% | 27.25 | 0.233% | 502.03 |
| 1/16/2024 | 11:08:34 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/16/2024 | 11:08:36 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.233% | 502.03 |
| 1/16/2024 | 11:08:38 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.233% | 502.03 |
| 1/16/2024 | 11:08:40 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.233% | 502.03 |
| 1/16/2024 | 11:08:42 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.118% | 501.45 |
| 1/16/2024 | 11:08:44 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/16/2024 | 11:08:46 PM | 0.006% | 690.50 | -2.655% | 26.14 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:48 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 11:08:50 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:08:52 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/16/2024 | 11:08:54 PM | 0.006% | 690.50 | 3.608% | 27.83 | 0.003% | 500.87 |
| 1/16/2024 | 11:08:56 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.118% | 501.45 |
| 1/16/2024 | 11:08:58 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:00 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:04 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:06 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:08 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:10 PM | 0.006% | 690.50 | -3.897% | 25.82 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:12 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:14 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:16 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:18 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:20 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:22 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:24 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:26 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:28 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:30 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:32 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:34 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/16/2024 | 11:09:36 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/16/2024 | 11:09:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/16/2024 | 11:09:40 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.176% | 501.74 |
| 1/16/2024 | 11:09:42 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.176% | 501.74 |
| 1/16/2024 | 11:09:44 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/16/2024 | 11:09:46 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/16/2024 | 11:09:48 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:50 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:52 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:54 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:56 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/16/2024 | 11:09:58 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:00 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:02 PM | 0.006% | 690.50 | 2.513% | 27.52 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:04 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:06 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:08 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:10 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:12 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:14 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:16 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:18 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:10:20 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:22 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:24 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:26 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:28 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:30 PM | 0.006% | 690.50 | 3.027% | 27.67 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:32 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:34 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:36 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:38 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:40 PM | 0.006% | 690.50 | -2.777% | 26.10 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:42 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:44 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:46 PM | 0.006% | 690.50 | 2.807% | 27.60 | 0.060% | 501.16 |
| 1/16/2024 | 11:10:48 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:50 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/16/2024 | 11:10:52 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:54 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:56 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/16/2024 | 11:10:58 PM | 0.006% | 690.50 | -3.024% | 26.04 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:00 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:02 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:04 PM | 0.006% | 690.50 | -3.272% | 25.98 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:06 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:08 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:10 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:12 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:14 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:16 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:18 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:20 PM | 0.006% | 690.50 | 2.439% | 27.50 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:22 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:24 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:26 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:28 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:30 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:32 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:34 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:36 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:38 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:40 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:42 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:44 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.176% | 501.74 |
| 1/16/2024 | 11:11:46 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:11:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:50 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:52 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:54 PM | 0.006% | 690.50 | 2.106% | 27.41 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:56 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/16/2024 | 11:11:58 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:00 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:02 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:04 PM | -0.037% | 690.20 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:06 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:10 PM | 0.006% | 690.50 | 2.513% | 27.52 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:12 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:14 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:16 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/16/2024 | 11:12:18 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.176% | 501.74 |
| 1/16/2024 | 11:12:20 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/16/2024 | 11:12:22 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/16/2024 | 11:12:24 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:26 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:28 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 11:12:30 PM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/16/2024 | 11:12:32 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/16/2024 | 11:12:34 PM | 0.006% | 690.50 | -3.148% | 26.01 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:36 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:38 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:40 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:42 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:44 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.060% | 501.16 |
| 1/16/2024 | 11:12:46 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:48 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:50 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:52 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:54 PM | 0.006% | 690.50 | -3.065% | 26.03 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:56 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/16/2024 | 11:12:58 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:00 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:02 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:04 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:06 PM | 0.006% | 690.50 | 2.402% | 27.49 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:08 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:10 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:12 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:14 PM | 0.006% | 690.50 | 3.027% | 27.67 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:13:16 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:18 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:20 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:22 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:24 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:26 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:28 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/16/2024 | 11:13:30 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 11:13:32 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 11:13:34 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:13:36 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/16/2024 | 11:13:38 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:40 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:42 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:44 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:46 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:48 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:50 PM | 0.006% | 690.50 | -3.396% | 25.95 | 0.176% | 501.74 |
| 1/16/2024 | 11:13:52 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:54 PM | 0.006% | 690.50 | -3.189% | 26.00 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:56 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.118% | 501.45 |
| 1/16/2024 | 11:13:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:00 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:02 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:04 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:06 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:08 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:10 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:12 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:14 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:16 PM | 0.006% | 690.50 | 3.063% | 27.68 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:18 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:20 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:22 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:24 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:26 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:28 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:30 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:32 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 11:14:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/16/2024 | 11:14:36 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/16/2024 | 11:14:38 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/16/2024 | 11:14:40 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/16/2024 | 11:14:42 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:14:44 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 11:14:46 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:48 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/16/2024 | 11:14:50 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/16/2024 | 11:14:52 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.176% | 501.74 |
| 1/16/2024 | 11:14:54 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/16/2024 | 11:14:56 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.176% | 501.74 |
| 1/16/2024 | 11:14:58 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/16/2024 | 11:15:00 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.176% | 501.74 |
| 1/16/2024 | 11:15:02 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:04 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:06 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:08 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:10 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:12 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:14 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:16 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:18 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:20 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:22 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:24 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:26 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:28 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:30 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:32 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:34 PM | 0.006% | 690.50 | 3.716% | 27.86 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:36 PM | 0.006% | 690.50 | 2.402% | 27.49 | 0.060% | 501.16 |
| 1/16/2024 | 11:15:38 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:40 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:42 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:44 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/16/2024 | 11:15:46 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:50 PM | 0.006% | 690.50 | 2.439% | 27.50 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:52 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:54 PM | 0.006% | 690.50 | 4.074% | 27.97 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:56 PM | 0.006% | 690.50 | 3.895% | 27.92 | 0.003% | 500.87 |
| 1/16/2024 | 11:15:58 PM | 0.006% | 690.50 | -3.231% | 25.99 | 0.003% | 500.87 |
| 1/16/2024 | 11:16:00 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/16/2024 | 11:16:02 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:04 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:06 PM | 0.006% | 690.50 | -5.601% | 25.41 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:08 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:10 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:16:12 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:14 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:16 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:18 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:20 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:22 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:26 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:28 PM | 0.006% | 690.50 | -4.318% | 25.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:32 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:36 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:38 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:40 PM | 0.006% | 690.50 | 5.517% | 28.40 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:42 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:44 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:46 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/16/2024 | 11:16:48 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:50 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:52 PM | 0.006% | 690.50 | -2.369% | 26.21 | 0.060% | 501.16 |
| 1/16/2024 | 11:16:54 PM | 0.006% | 690.50 | 3.427% | 27.78 | 0.003% | 500.87 |
| 1/16/2024 | 11:16:56 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/16/2024 | 11:16:58 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:00 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:02 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:04 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:06 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:08 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:10 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:12 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:14 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:16 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:18 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:20 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:22 PM | 0.006% | 690.50 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:24 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:26 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:28 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:30 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:32 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/16/2024 | 11:17:34 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:36 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:38 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:17:40 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:42 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/16/2024 | 11:17:44 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/16/2024 | 11:17:46 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/16/2024 | 11:17:48 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/16/2024 | 11:17:50 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/16/2024 | 11:17:52 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:54 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:56 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 11:17:58 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:00 PM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:02 PM | 0.006% | 690.50 | 3.895% | 27.92 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:04 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:06 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/16/2024 | 11:18:08 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:18:10 PM | 0.006% | 690.50 | 4.217% | 28.01 | 0.060% | 501.16 |
| 1/16/2024 | 11:18:12 PM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/16/2024 | 11:18:14 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/16/2024 | 11:18:16 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:18 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:20 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:22 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:24 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:26 PM | 0.006% | 690.50 | -5.471% | 25.44 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:28 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:30 PM | 0.006% | 690.50 | 4.217% | 28.01 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:32 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:34 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:36 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:38 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:40 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:42 PM | 0.006% | 690.50 | 2.990% | 27.66 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:44 PM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:46 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:48 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:50 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.113% | 500.29 |
| 1/16/2024 | 11:18:52 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/16/2024 | 11:18:54 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/16/2024 | 11:18:56 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/16/2024 | 11:18:58 PM | 0.006% | 690.50 | -2.983% | 26.05 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:00 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:02 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:04 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/16/2024 | 11:19:06 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:19:08 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/16/2024 | 11:19:10 PM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/16/2024 | 11:19:12 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/16/2024 | 11:19:14 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/16/2024 | 11:19:16 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/16/2024 | 11:19:18 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:20 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:22 PM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:24 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:26 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:28 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:30 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:32 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:34 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:36 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:38 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:40 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:42 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:44 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:46 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:48 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:50 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:52 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:54 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:56 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 11:19:58 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:00 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:04 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:06 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:08 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:10 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:12 PM | 0.006% | 690.50 | -3.479% | 25.93 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:14 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:16 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:18 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:20 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:22 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 11:20:24 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:20:26 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 11:20:28 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/16/2024 | 11:20:30 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/16/2024 | 11:20:32 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 11:20:34 PM | 0.006% | 690.50 | 3.931% | 27.93 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:20:36 PM | 0.006% | 690.50 | -5.905% | 25.33 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:38 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:40 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:42 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:44 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:46 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:48 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/16/2024 | 11:20:50 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:52 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:54 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:56 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/16/2024 | 11:20:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:00 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:02 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:04 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:06 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:08 PM | 0.006% | 690.50 | 3.318% | 27.75 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:10 PM | 0.006% | 690.50 | 3.318% | 27.75 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:12 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:14 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:16 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:18 PM | 0.006% | 690.50 | -4.913% | 25.57 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:20 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:22 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:24 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:26 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.113% | 500.29 |
| 1/16/2024 | 11:21:28 PM | 0.006% | 690.50 | -3.272% | 25.98 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.113% | 500.29 |
| 1/16/2024 | 11:21:32 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:34 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:36 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:38 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:40 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:42 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/16/2024 | 11:21:44 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:46 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:48 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:50 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:52 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:54 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:56 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 11:21:58 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:00 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:02 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:22:04 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:06 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:08 PM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:10 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:12 PM | 0.006% | 690.50 | -2.450% | 26.19 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:14 PM | 0.006% | 690.50 | 3.895% | 27.92 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:16 PM | 0.006% | 690.50 | 4.748% | 28.17 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:18 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:20 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:22 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:24 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:26 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:28 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:32 PM | 0.006% | 690.50 | 3.752% | 27.88 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:36 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/16/2024 | 11:22:38 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 11:22:40 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 11:22:42 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.055% | 500.58 |
| 1/16/2024 | 11:22:44 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/16/2024 | 11:22:46 PM | 0.006% | 690.50 | 2.513% | 27.52 | -0.055% | 500.58 |
| 1/16/2024 | 11:22:48 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:50 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:52 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:54 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:56 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/16/2024 | 11:22:58 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/16/2024 | 11:23:00 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:02 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:04 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.113% | 500.29 |
| 1/16/2024 | 11:23:06 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:08 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:10 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:12 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:14 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:16 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:18 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:20 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.113% | 500.29 |
| 1/16/2024 | 11:23:22 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:24 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:26 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/16/2024 | 11:23:28 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/16/2024 | 11:23:30 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:23:32 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:34 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:36 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:38 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:40 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:42 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:44 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:46 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.171% | 500.00 |
| 1/16/2024 | 11:23:48 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:50 PM | 0.006% | 690.50 | -3.981% | 25.80 | -0.055% | 500.58 |
| 1/16/2024 | 11:23:52 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/16/2024 | 11:23:54 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/16/2024 | 11:23:56 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/16/2024 | 11:23:58 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:00 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:02 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:04 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:06 PM | 0.006% | 690.50 | 4.572% | 28.11 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:08 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:10 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:12 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/16/2024 | 11:24:14 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:16 PM | 0.006% | 690.50 | 3.716% | 27.86 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:18 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.113% | 500.29 |
| 1/16/2024 | 11:24:20 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:22 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:26 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:28 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:30 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:32 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:34 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.113% | 500.29 |
| 1/16/2024 | 11:24:36 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:38 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/16/2024 | 11:24:40 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/16/2024 | 11:24:42 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.113% | 500.29 |
| 1/16/2024 | 11:24:44 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:46 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:48 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:50 PM | 0.006% | 690.50 | 2.476% | 27.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:52 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:54 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:56 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/16/2024 | 11:24:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:25:00 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 11:25:02 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:04 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:06 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:08 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:10 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:12 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:14 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:16 PM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:18 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:20 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:22 PM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:24 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:26 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:28 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:30 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:32 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:34 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:36 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:38 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/16/2024 | 11:25:40 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:42 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:44 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:46 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:48 PM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:50 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:52 PM | 0.006% | 690.50 | -3.231% | 25.99 | 0.003% | 500.87 |
| 1/16/2024 | 11:25:54 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:56 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 11:25:58 PM | 0.006% | 690.50 | -2.410% | 26.20 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:00 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:02 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/16/2024 | 11:26:04 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/16/2024 | 11:26:06 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/16/2024 | 11:26:08 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:26:10 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.229% | 499.71 |
| 1/16/2024 | 11:26:12 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.229% | 499.71 |
| 1/16/2024 | 11:26:14 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:16 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.113% | 500.29 |
| 1/16/2024 | 11:26:18 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/16/2024 | 11:26:20 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:22 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:24 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/16/2024 | 11:26:26 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:26:28 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:30 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:32 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.113% | 500.29 |
| 1/16/2024 | 11:26:34 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:36 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:38 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/16/2024 | 11:26:40 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:42 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:44 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:46 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:48 PM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:50 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/16/2024 | 11:26:52 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:54 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:56 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/16/2024 | 11:26:58 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:00 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:02 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:04 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:06 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:08 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:10 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:12 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:14 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:16 PM | 0.006% | 690.50 | 3.391% | 27.77 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:18 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:27:20 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:27:22 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:27:24 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:26 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:28 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:32 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:34 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:36 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:38 PM | 0.006% | 690.50 | 4.110% | 27.98 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:40 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/16/2024 | 11:27:42 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:44 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:46 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:48 PM | 0.006% | 690.50 | 3.027% | 27.67 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:50 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:52 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:54 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:27:56 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.229% | 499.71 |
| 1/16/2024 | 11:27:58 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:00 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:02 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:04 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:06 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:08 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:10 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 11:28:12 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:28:14 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/16/2024 | 11:28:16 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:28:18 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:20 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:22 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:24 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:26 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:28 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:30 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:32 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:34 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:36 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:38 PM | 0.006% | 690.50 | -2.655% | 26.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:40 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:42 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:44 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:46 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.287% | 499.42 |
| 1/16/2024 | 11:28:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.287% | 499.42 |
| 1/16/2024 | 11:28:50 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.287% | 499.42 |
| 1/16/2024 | 11:28:52 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:54 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:56 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:28:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:00 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:02 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:04 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:06 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:08 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:10 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:12 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:14 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:16 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:18 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:20 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.171% | 500.00 |
| 1/16/2024 | 11:29:22 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:29:24 PM | 0.006% | 690.50 | 4.501% | 28.09 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:26 PM | 0.006% | 690.50 | -4.233% | 25.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:28 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:32 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:34 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:36 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:38 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:40 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:42 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:44 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:46 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:48 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:50 PM | 0.006% | 690.50 | -2.450% | 26.19 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:52 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:54 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:56 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.229% | 499.71 |
| 1/16/2024 | 11:29:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:00 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:02 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:04 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:06 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:08 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:10 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:12 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:14 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:16 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:18 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:20 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:22 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:24 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:26 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:28 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:32 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:34 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:36 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:38 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/16/2024 | 11:30:40 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:42 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:44 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:46 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:48 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:50 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:30:52 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:54 PM | 0.006% | 690.50 | -2.655% | 26.14 | -0.055% | 500.58 |
| 1/16/2024 | 11:30:56 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.229% | 499.71 |
| 1/16/2024 | 11:30:58 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:00 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:02 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:04 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:06 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:08 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:10 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:12 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:14 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:16 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:18 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:20 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:22 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:24 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:26 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:28 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:30 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:32 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:34 PM | 0.006% | 690.50 | -3.604% | 25.90 | -0.171% | 500.00 |
| 1/16/2024 | 11:31:36 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:38 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:40 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:42 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:44 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:46 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.229% | 499.71 |
| 1/16/2024 | 11:31:48 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.113% | 500.29 |
| 1/16/2024 | 11:31:50 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.055% | 500.58 |
| 1/16/2024 | 11:31:52 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/16/2024 | 11:31:54 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/16/2024 | 11:31:56 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.055% | 500.58 |
| 1/16/2024 | 11:31:58 PM | 0.006% | 690.50 | 2.402% | 27.49 | -0.055% | 500.58 |
| 1/16/2024 | 11:32:00 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 11:32:02 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/16/2024 | 11:32:04 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:06 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:08 PM | 0.006% | 690.50 | 3.499% | 27.80 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:10 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:12 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:14 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:16 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:18 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:32:20 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:22 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:24 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:26 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:28 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:30 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:32 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/16/2024 | 11:32:34 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/16/2024 | 11:32:36 PM | 0.006% | 690.50 | -2.736% | 26.11 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:38 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:40 PM | 0.006% | 690.50 | -2.942% | 26.06 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:42 PM | 0.006% | 690.50 | -3.604% | 25.90 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:44 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:46 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:48 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:50 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:32:52 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 11:32:54 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.171% | 500.00 |
| 1/16/2024 | 11:32:56 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:32:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:00 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:02 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:04 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:06 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:08 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:10 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:12 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:14 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:16 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:18 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:20 PM | 0.006% | 690.50 | -2.736% | 26.11 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:22 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:24 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:26 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:28 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:30 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:32 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/16/2024 | 11:33:34 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:36 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:38 PM | 0.006% | 690.50 | 2.881% | 27.63 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:40 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:42 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:44 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:46 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:33:48 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:50 PM | 0.006% | 690.50 | 3.391% | 27.77 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:52 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:54 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:56 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/16/2024 | 11:33:58 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:00 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:02 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:04 PM | -0.037% | 690.20 | 3.063% | 27.68 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:06 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:08 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:10 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:12 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:14 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:16 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:18 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:20 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:22 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:24 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:26 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/16/2024 | 11:34:28 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 11:34:30 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.171% | 500.00 |
| 1/16/2024 | 11:34:32 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:34 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:36 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:38 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:40 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:42 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:34:44 PM | 0.006% | 690.50 | -4.445% | 25.69 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:46 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:48 PM | 0.006% | 690.50 | -3.189% | 26.00 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:50 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:52 PM | 0.006% | 690.50 | -3.189% | 26.00 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:54 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:56 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.287% | 499.42 |
| 1/16/2024 | 11:34:58 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:00 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:02 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:04 PM | 0.006% | 690.50 | 2.476% | 27.51 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:06 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:08 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:10 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:12 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:14 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.287% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:35:16 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:18 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:20 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:22 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:24 PM | 0.006% | 690.50 | -2.328% | 26.22 | -0.171% | 500.00 |
| 1/16/2024 | 11:35:26 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.171% | 500.00 |
| 1/16/2024 | 11:35:28 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/16/2024 | 11:35:30 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 11:35:32 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:34 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:36 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.229% | 499.71 |
| 1/16/2024 | 11:35:38 PM | 0.006% | 690.50 | -3.024% | 26.04 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:40 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:42 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:44 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:46 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:48 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:50 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:52 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:54 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:56 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.287% | 499.42 |
| 1/16/2024 | 11:35:58 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:00 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:02 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:04 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:06 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:08 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:10 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:12 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/16/2024 | 11:36:14 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 11:36:16 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/16/2024 | 11:36:18 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:20 PM | 0.006% | 690.50 | -2.860% | 26.08 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:22 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:24 PM | 0.006% | 690.50 | -2.655% | 26.14 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:26 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:28 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:30 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:32 PM | -0.037% | 690.20 | 1.919% | 27.35 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:34 PM | -0.037% | 690.20 | 3.788% | 27.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:36 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:38 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:40 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:42 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:36:44 PM | -0.037% | 690.20 | 1.919% | 27.35 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:46 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:48 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:50 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:52 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.229% | 499.71 |
| 1/16/2024 | 11:36:54 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:56 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.287% | 499.42 |
| 1/16/2024 | 11:36:58 PM | 0.006% | 690.50 | 2.402% | 27.49 | -0.287% | 499.42 |
| 1/16/2024 | 11:37:00 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.287% | 499.42 |
| 1/16/2024 | 11:37:02 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.345% | 499.13 |
| 1/16/2024 | 11:37:04 PM | 0.006% | 690.50 | 2.254% | 27.45 | -0.345% | 499.13 |
| 1/16/2024 | 11:37:06 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.345% | 499.13 |
| 1/16/2024 | 11:37:08 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.345% | 499.13 |
| 1/16/2024 | 11:37:10 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.345% | 499.13 |
| 1/16/2024 | 11:37:12 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:37:14 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.287% | 499.42 |
| 1/16/2024 | 11:37:16 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.229% | 499.71 |
| 1/16/2024 | 11:37:18 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.229% | 499.71 |
| 1/16/2024 | 11:37:20 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.229% | 499.71 |
| 1/16/2024 | 11:37:22 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.229% | 499.71 |
| 1/16/2024 | 11:37:24 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 11:37:26 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/16/2024 | 11:37:28 PM | -0.037% | 690.20 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/16/2024 | 11:37:30 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/16/2024 | 11:37:32 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/16/2024 | 11:37:34 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/16/2024 | 11:37:36 PM | 0.006% | 690.50 | -3.981% | 25.80 | -0.055% | 500.58 |
| 1/16/2024 | 11:37:38 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.113% | 500.29 |
| 1/16/2024 | 11:37:40 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:42 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:44 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:46 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:48 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:50 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:52 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:54 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/16/2024 | 11:37:56 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.113% | 500.29 |
| 1/16/2024 | 11:37:58 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:00 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:02 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:04 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:06 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:08 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:10 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:38:12 PM | -0.037% | 690.20 | 1.956% | 27.36 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:14 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/16/2024 | 11:38:16 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/16/2024 | 11:38:18 PM | -0.037% | 690.20 | 1.956% | 27.36 | -0.171% | 500.00 |
| 1/16/2024 | 11:38:20 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:22 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.113% | 500.29 |
| 1/16/2024 | 11:38:24 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:26 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:28 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:30 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:32 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 11:38:34 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:38:36 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:38:38 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.287% | 499.42 |
| 1/16/2024 | 11:38:40 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.287% | 499.42 |
| 1/16/2024 | 11:38:42 PM | 0.006% | 690.50 | -3.563% | 25.91 | -0.287% | 499.42 |
| 1/16/2024 | 11:38:44 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.287% | 499.42 |
| 1/16/2024 | 11:38:46 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.287% | 499.42 |
| 1/16/2024 | 11:38:48 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.287% | 499.42 |
| 1/16/2024 | 11:38:50 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.345% | 499.13 |
| 1/16/2024 | 11:38:52 PM | -0.037% | 690.20 | 2.143% | 27.42 | -0.345% | 499.13 |
| 1/16/2024 | 11:38:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.345% | 499.13 |
| 1/16/2024 | 11:38:56 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.345% | 499.13 |
| 1/16/2024 | 11:38:58 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.345% | 499.13 |
| 1/16/2024 | 11:39:00 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:02 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:04 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:06 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:08 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:10 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:12 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:14 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:16 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:18 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:20 PM | -0.037% | 690.20 | -3.563% | 25.91 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:22 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:24 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:26 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:28 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.229% | 499.71 |
| 1/16/2024 | 11:39:30 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 11:39:32 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/16/2024 | 11:39:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 11:39:36 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:38 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.287% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:39:40 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:42 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:44 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:46 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:48 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:50 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:52 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:54 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:56 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.287% | 499.42 |
| 1/16/2024 | 11:39:58 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:00 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:02 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:04 PM | -0.037% | 690.20 | 3.027% | 27.67 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:06 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:08 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:10 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:12 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:14 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:16 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:18 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:20 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:22 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:24 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:26 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:28 PM | -0.037% | 690.20 | 3.246% | 27.73 | -0.345% | 499.13 |
| 1/16/2024 | 11:40:30 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:32 PM | -0.037% | 690.20 | -4.275% | 25.73 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:34 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:36 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:38 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:40 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:42 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:44 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:46 PM | -0.037% | 690.20 | -3.355% | 25.96 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:48 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:50 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.287% | 499.42 |
| 1/16/2024 | 11:40:52 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 11:40:54 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:40:56 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.229% | 499.71 |
| 1/16/2024 | 11:40:58 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:41:00 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.229% | 499.71 |
| 1/16/2024 | 11:41:02 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:04 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:06 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.287% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:41:08 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:10 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:12 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:14 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:16 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:18 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:20 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:22 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:24 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:26 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/16/2024 | 11:41:28 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 11:41:30 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:41:32 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.171% | 500.00 |
| 1/16/2024 | 11:41:34 PM | 0.006% | 690.50 | 2.587% | 27.54 | -0.171% | 500.00 |
| 1/16/2024 | 11:41:36 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 11:41:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/16/2024 | 11:41:40 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.229% | 499.71 |
| 1/16/2024 | 11:41:42 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:41:44 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.229% | 499.71 |
| 1/16/2024 | 11:41:46 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:48 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:50 PM | -0.037% | 690.20 | 2.660% | 27.56 | -0.287% | 499.42 |
| 1/16/2024 | 11:41:52 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.345% | 499.13 |
| 1/16/2024 | 11:41:54 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.345% | 499.13 |
| 1/16/2024 | 11:41:56 PM | 0.006% | 690.50 | 2.254% | 27.45 | -0.345% | 499.13 |
| 1/16/2024 | 11:41:58 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.345% | 499.13 |
| 1/16/2024 | 11:42:00 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.345% | 499.13 |
| 1/16/2024 | 11:42:02 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.345% | 499.13 |
| 1/16/2024 | 11:42:04 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:06 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:08 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:10 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:12 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:14 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:16 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:18 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:20 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:22 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:24 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:26 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:28 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:30 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:32 PM | -0.037% | 690.20 | -2.819% | 26.09 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:34 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:42:36 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:38 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:40 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:42 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:44 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.229% | 499.71 |
| 1/16/2024 | 11:42:46 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:48 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:50 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:52 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:54 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:56 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.171% | 500.00 |
| 1/16/2024 | 11:42:58 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/16/2024 | 11:43:00 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/16/2024 | 11:43:02 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/16/2024 | 11:43:04 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.171% | 500.00 |
| 1/16/2024 | 11:43:06 PM | 0.006% | 690.50 | 2.881% | 27.63 | -0.171% | 500.00 |
| 1/16/2024 | 11:43:08 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:10 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:12 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:14 PM | -0.037% | 690.20 | -3.148% | 26.01 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:16 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:18 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:20 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.113% | 500.29 |
| 1/16/2024 | 11:43:22 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:24 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.113% | 500.29 |
| 1/16/2024 | 11:43:26 PM | -0.037% | 690.20 | 3.931% | 27.93 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:28 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:30 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:32 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:34 PM | -0.037% | 690.20 | -3.396% | 25.95 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:36 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:38 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:40 PM | -0.037% | 690.20 | 2.402% | 27.49 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:42 PM | -0.037% | 690.20 | 3.246% | 27.73 | -0.055% | 500.58 |
| 1/16/2024 | 11:43:44 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:46 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:48 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:50 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:52 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:54 PM | -0.037% | 690.20 | -2.777% | 26.10 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:56 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.229% | 499.71 |
| 1/16/2024 | 11:43:58 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:00 PM | -0.037% | 690.20 | 2.954% | 27.65 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:02 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:44:04 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:06 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:08 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:10 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:12 PM | -0.037% | 690.20 | -3.189% | 26.00 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:14 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:16 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:18 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:20 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:22 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:24 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:26 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:28 PM | -0.037% | 690.20 | -4.107% | 25.77 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:30 PM | -0.037% | 690.20 | -4.913% | 25.57 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:32 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:34 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:36 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:38 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:40 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:44:42 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:44 PM | -0.037% | 690.20 | -3.897% | 25.82 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:46 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.229% | 499.71 |
| 1/16/2024 | 11:44:48 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:50 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:52 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:54 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:56 PM | 0.006% | 690.50 | -3.646% | 25.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:44:58 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:00 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:02 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:04 PM | -0.037% | 690.20 | 3.209% | 27.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:06 PM | -0.037% | 690.20 | 2.439% | 27.50 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:08 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:10 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:12 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:14 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:16 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:18 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:20 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:22 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:24 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.171% | 500.00 |
| 1/16/2024 | 11:45:26 PM | -0.037% | 690.20 | 3.499% | 27.80 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:28 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:30 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.287% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:45:32 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:34 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:36 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:38 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:40 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:42 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.287% | 499.42 |
| 1/16/2024 | 11:45:44 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:46 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:48 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:50 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:52 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:54 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:56 PM | -0.037% | 690.20 | 1.844% | 27.33 | -0.229% | 499.71 |
| 1/16/2024 | 11:45:58 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:00 PM | -0.037% | 690.20 | 1.732% | 27.30 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:02 PM | -0.037% | 690.20 | 2.990% | 27.66 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:04 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:06 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:08 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:10 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:12 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:14 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:16 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:18 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:20 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:22 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:24 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:26 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:28 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:30 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.345% | 499.13 |
| 1/16/2024 | 11:46:32 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:34 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:36 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:38 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:40 PM | -0.037% | 690.20 | 3.499% | 27.80 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:42 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:44 PM | -0.037% | 690.20 | -4.065% | 25.78 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:46 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.287% | 499.42 |
| 1/16/2024 | 11:46:48 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.287% | 499.42 |
| 1/16/2024 | 11:46:50 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.287% | 499.42 |
| 1/16/2024 | 11:46:52 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.287% | 499.42 |
| 1/16/2024 | 11:46:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:56 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.229% | 499.71 |
| 1/16/2024 | 11:46:58 PM | -0.037% | 690.20 | -4.275% | 25.73 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:47:00 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:02 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:04 PM | -0.037% | 690.20 | 4.039% | 27.96 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:06 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:08 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:10 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:12 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:14 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:16 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:18 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:20 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:22 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:24 PM | -0.037% | 690.20 | 2.439% | 27.50 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:26 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:28 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.287% | 499.42 |
| 1/16/2024 | 11:47:30 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.287% | 499.42 |
| 1/16/2024 | 11:47:32 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.287% | 499.42 |
| 1/16/2024 | 11:47:34 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:36 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:38 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:40 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:42 PM | -0.037% | 690.20 | 3.173% | 27.71 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:44 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.229% | 499.71 |
| 1/16/2024 | 11:47:46 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/16/2024 | 11:47:48 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/16/2024 | 11:47:50 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/16/2024 | 11:47:52 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 11:47:54 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/16/2024 | 11:47:56 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:47:58 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.113% | 500.29 |
| 1/16/2024 | 11:48:00 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.113% | 500.29 |
| 1/16/2024 | 11:48:02 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:04 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:06 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:08 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:10 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:12 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:14 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/16/2024 | 11:48:16 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.171% | 500.00 |
| 1/16/2024 | 11:48:18 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.171% | 500.00 |
| 1/16/2024 | 11:48:20 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.171% | 500.00 |
| 1/16/2024 | 11:48:22 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.229% | 499.71 |
| 1/16/2024 | 11:48:24 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.229% | 499.71 |
| 1/16/2024 | 11:48:26 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:48:28 PM | -0.037% | 690.20 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:30 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:32 PM | -0.037% | 690.20 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/16/2024 | 11:48:34 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/16/2024 | 11:48:36 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/16/2024 | 11:48:38 PM | -0.037% | 690.20 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/16/2024 | 11:48:40 PM | -0.037% | 690.20 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/16/2024 | 11:48:42 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:44 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/16/2024 | 11:48:46 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.229% | 499.71 |
| 1/16/2024 | 11:48:48 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.345% | 499.13 |
| 1/16/2024 | 11:48:50 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.345% | 499.13 |
| 1/16/2024 | 11:48:52 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.345% | 499.13 |
| 1/16/2024 | 11:48:54 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.345% | 499.13 |
| 1/16/2024 | 11:48:56 PM | -0.037% | 690.20 | 2.844% | 27.61 | -0.345% | 499.13 |
| 1/16/2024 | 11:48:58 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.345% | 499.13 |
| 1/16/2024 | 11:49:00 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.345% | 499.13 |
| 1/16/2024 | 11:49:02 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.345% | 499.13 |
| 1/16/2024 | 11:49:04 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:06 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:08 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:10 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:12 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:14 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:16 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:18 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:20 PM | -0.037% | 690.20 | -0.023% | 26.82 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:22 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:24 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:26 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:28 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:30 PM | -0.037% | 690.20 | 3.572% | 27.82 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:32 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:34 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:36 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.287% | 499.42 |
| 1/16/2024 | 11:49:38 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:40 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:42 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:44 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:46 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:48 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:50 PM | -0.037% | 690.20 | -1.562% | 26.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:52 PM | -0.037% | 690.20 | -2.942% | 26.06 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:54 PM | -0.037% | 690.20 | -3.024% | 26.04 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:49:56 PM | -0.037% | 690.20 | -3.024% | 26.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:49:58 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:00 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:02 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:04 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:06 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:08 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:10 PM | -0.037% | 690.20 | -3.148% | 26.01 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:12 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:14 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:16 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:18 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:20 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:22 PM | -0.037% | 690.20 | -3.813% | 25.84 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:24 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:26 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:28 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.171% | 500.00 |
| 1/16/2024 | 11:50:30 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:32 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:34 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:36 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:38 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:40 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:42 PM | -0.037% | 690.20 | 2.660% | 27.56 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:44 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:46 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:48 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:50 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:52 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:54 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:50:56 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.287% | 499.42 |
| 1/16/2024 | 11:50:58 PM | -0.037% | 690.20 | -3.855% | 25.83 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:00 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:02 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:04 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:06 PM | -0.037% | 690.20 | 3.354% | 27.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:08 PM | -0.037% | 690.20 | -2.777% | 26.10 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:10 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:12 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:14 PM | -0.037% | 690.20 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:16 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:18 PM | -0.037% | 690.20 | -3.024% | 26.04 | -0.171% | 500.00 |
| 1/16/2024 | 11:51:20 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:22 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.287% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:51:24 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:26 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:28 PM | -0.037% | 690.20 | 2.476% | 27.51 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:30 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:32 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:34 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:36 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:38 PM | -0.037% | 690.20 | -3.771% | 25.85 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:40 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.287% | 499.42 |
| 1/16/2024 | 11:51:42 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:44 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:46 PM | -0.037% | 690.20 | 2.439% | 27.50 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:48 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:50 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:52 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:54 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:56 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:51:58 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:00 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:02 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:04 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:06 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:08 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.287% | 499.42 |
| 1/16/2024 | 11:52:10 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.287% | 499.42 |
| 1/16/2024 | 11:52:12 PM | -0.037% | 690.20 | 2.143% | 27.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:14 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:16 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:18 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:20 PM | -0.037% | 690.20 | -3.646% | 25.89 | -0.171% | 500.00 |
| 1/16/2024 | 11:52:22 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/16/2024 | 11:52:24 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:26 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:28 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:30 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:32 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:34 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:36 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:38 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:40 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:42 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:44 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:46 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:48 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.229% | 499.71 |
| 1/16/2024 | 11:52:50 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:52:52 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.055% | 500.58 |
| 1/16/2024 | 11:52:54 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/16/2024 | 11:52:56 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/16/2024 | 11:52:58 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.113% | 500.29 |
| 1/16/2024 | 11:53:00 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/16/2024 | 11:53:02 PM | -0.037% | 690.20 | 3.136% | 27.70 | -0.113% | 500.29 |
| 1/16/2024 | 11:53:04 PM | -0.037% | 690.20 | 3.136% | 27.70 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:06 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:08 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:10 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:12 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:14 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:16 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:18 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:20 PM | -0.037% | 690.20 | -1.562% | 26.42 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:22 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:24 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:26 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:28 PM | -0.037% | 690.20 | -3.771% | 25.85 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:30 PM | -0.037% | 690.20 | -3.065% | 26.03 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:32 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:34 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:36 PM | -0.037% | 690.20 | 2.807% | 27.60 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:38 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:40 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.229% | 499.71 |
| 1/16/2024 | 11:53:42 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:44 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:46 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:48 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:50 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:52 PM | -0.037% | 690.20 | 2.624% | 27.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:54 PM | -0.037% | 690.20 | 2.624% | 27.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:56 PM | -0.037% | 690.20 | 2.807% | 27.60 | -0.171% | 500.00 |
| 1/16/2024 | 11:53:58 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:00 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:02 PM | -0.037% | 690.20 | 3.680% | 27.85 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:04 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:06 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:08 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:10 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:12 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:14 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:16 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:18 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:54:20 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:22 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:24 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:26 PM | -0.037% | 690.20 | 3.391% | 27.77 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:28 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:30 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:32 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.229% | 499.71 |
| 1/16/2024 | 11:54:34 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:36 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:38 PM | -0.037% | 690.20 | -2.983% | 26.05 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:40 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:42 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:44 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:46 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/16/2024 | 11:54:48 PM | -0.037% | 690.20 | -2.736% | 26.11 | -0.113% | 500.29 |
| 1/16/2024 | 11:54:50 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.113% | 500.29 |
| 1/16/2024 | 11:54:52 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:54:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/16/2024 | 11:54:56 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/16/2024 | 11:54:58 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:00 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:02 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:04 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:06 PM | -0.037% | 690.20 | -2.655% | 26.14 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:08 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:10 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:12 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:14 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:16 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/16/2024 | 11:55:18 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:20 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:22 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:24 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:26 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:28 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:30 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:32 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/16/2024 | 11:55:34 PM | -0.037% | 690.20 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:36 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:38 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:40 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:42 PM | -0.037% | 690.20 | -2.942% | 26.06 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:44 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:46 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:55:48 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:50 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:55:52 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.287% | 499.42 |
| 1/16/2024 | 11:55:54 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.287% | 499.42 |
| 1/16/2024 | 11:55:56 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.287% | 499.42 |
| 1/16/2024 | 11:55:58 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:00 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:02 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:04 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:06 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:08 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:10 PM | -0.037% | 690.20 | 2.402% | 27.49 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:12 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:14 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:16 PM | -0.037% | 690.20 | -2.819% | 26.09 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:18 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:20 PM | -0.037% | 690.20 | 5.029% | 28.25 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:22 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:24 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:26 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.287% | 499.42 |
| 1/16/2024 | 11:56:28 PM | -0.037% | 690.20 | -2.736% | 26.11 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:30 PM | -0.037% | 690.20 | -2.942% | 26.06 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:32 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:34 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:36 PM | -0.037% | 690.20 | -3.231% | 25.99 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:38 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:40 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:42 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:44 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:46 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:48 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:50 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:52 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:54 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:56 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/16/2024 | 11:56:58 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:00 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:02 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:04 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:06 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:08 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:10 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:12 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.229% | 499.71 |
| 1/16/2024 | 11:57:14 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:57:16 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:18 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:20 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:22 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/16/2024 | 11:57:24 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.055% | 500.58 |
| 1/16/2024 | 11:57:26 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/16/2024 | 11:57:28 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:30 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:32 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:34 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:36 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:38 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:40 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:42 PM | -0.037% | 690.20 | 3.136% | 27.70 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:44 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.287% | 499.42 |
| 1/16/2024 | 11:57:46 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:48 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:50 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.171% | 500.00 |
| 1/16/2024 | 11:57:52 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/16/2024 | 11:57:54 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/16/2024 | 11:57:56 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.113% | 500.29 |
| 1/16/2024 | 11:57:58 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.055% | 500.58 |
| 1/16/2024 | 11:58:00 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.113% | 500.29 |
| 1/16/2024 | 11:58:02 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.113% | 500.29 |
| 1/16/2024 | 11:58:04 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/16/2024 | 11:58:06 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/16/2024 | 11:58:08 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.055% | 500.58 |
| 1/16/2024 | 11:58:10 PM | -0.037% | 690.20 | 3.931% | 27.93 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:12 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:14 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:16 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:18 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:20 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:22 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:24 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:26 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:28 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:30 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:32 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:34 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:36 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:38 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:40 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:42 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:58:44 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:46 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:48 PM | -0.037% | 690.20 | -3.604% | 25.90 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:50 PM | -0.037% | 690.20 | 3.680% | 27.85 | -0.229% | 499.71 |
| 1/16/2024 | 11:58:52 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:54 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:56 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/16/2024 | 11:58:58 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:00 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:02 PM | -0.037% | 690.20 | -3.396% | 25.95 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:04 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:06 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:08 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:10 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:12 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:14 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:16 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:18 PM | -0.037% | 690.20 | 2.624% | 27.55 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:20 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:22 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:24 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/16/2024 | 11:59:26 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/16/2024 | 11:59:28 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.229% | 499.71 |
| 1/16/2024 | 11:59:30 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/16/2024 | 11:59:32 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.229% | 499.71 |
| 1/16/2024 | 11:59:34 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:36 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:38 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:40 PM | -0.037% | 690.20 | 6.137% | 28.58 | -0.171% | 500.00 |
| 1/16/2024 | 11:59:42 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:44 PM | -0.037% | 690.20 | -2.410% | 26.20 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:46 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:48 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:50 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:52 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:54 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.287% | 499.42 |
| 1/16/2024 | 11:59:56 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.229% | 499.71 |
| 1/16/2024 | 11:59:58 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:00 AM | -0.037% | 690.20 | -1.123% | 26.53 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:02 AM | -0.037% | 690.20 | -0.570% | 26.68 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:04 AM | -0.037% | 690.20 | -1.602% | 26.41 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:06 AM | -0.037% | 690.20 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:08 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:10 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.229% | 499.71 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:00:12 AM | -0.037% | 690.20 | 1.469% | 27.23 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:14 AM | -0.037% | 690.20 | -1.322% | 26.48 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:16 AM | -0.037% | 690.20 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:18 AM | -0.037% | 690.20 | -1.242% | 26.50 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:20 AM | -0.037% | 690.20 | 0.402% | 26.94 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:22 AM | -0.037% | 690.20 | 1.014% | 27.10 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:24 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:28 AM | -0.037% | 690.20 | 2.328% | 27.47 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:30 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:32 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:34 AM | -0.037% | 690.20 | 0.633% | 27.00 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:36 AM | -0.037% | 690.20 | -0.728% | 26.64 | -0.287% | 499.42 |
| 1/17/2024 | 12:00:38 AM | -0.037% | 690.20 | 0.248% | 26.90 | -0.287% | 499.42 |
| 1/17/2024 | 12:00:40 AM | -0.037% | 690.20 | -1.722% | 26.38 | -0.287% | 499.42 |
| 1/17/2024 | 12:00:42 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:44 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:46 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.229% | 499.71 |
| 1/17/2024 | 12:00:48 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:00:50 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.171% | 500.00 |
| 1/17/2024 | 12:00:52 AM | -0.037% | 690.20 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 12:00:54 AM | -0.037% | 690.20 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/17/2024 | 12:00:56 AM | -0.037% | 690.20 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/17/2024 | 12:00:58 AM | -0.037% | 690.20 | 2.291% | 27.46 | -0.171% | 500.00 |
| 1/17/2024 | 12:01:00 AM | -0.037% | 690.20 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 12:01:02 AM | -0.037% | 690.20 | 3.318% | 27.75 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:04 AM | -0.037% | 690.20 | -0.531% | 26.69 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:06 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:10 AM | -0.037% | 690.20 | 2.402% | 27.49 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:12 AM | -0.037% | 690.20 | 3.063% | 27.68 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:14 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.287% | 499.42 |
| 1/17/2024 | 12:01:16 AM | -0.037% | 690.20 | -0.964% | 26.57 | -0.287% | 499.42 |
| 1/17/2024 | 12:01:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.287% | 499.42 |
| 1/17/2024 | 12:01:20 AM | -0.037% | 690.20 | -0.179% | 26.78 | -0.287% | 499.42 |
| 1/17/2024 | 12:01:22 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:26 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:30 AM | -0.037% | 690.20 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:32 AM | -0.037% | 690.20 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:34 AM | -0.037% | 690.20 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:36 AM | -0.037% | 690.20 | -4.913% | 25.57 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:38 AM | -0.037% | 690.20 | 1.356% | 27.20 | -0.055% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:01:40 AM | -0.037% | 690.20 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 12:01:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/17/2024 | 12:01:46 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:01:48 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.171% | 500.00 |
| 1/17/2024 | 12:01:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:52 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:54 AM | -0.037% | 690.20 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:56 AM | -0.037% | 690.20 | 2.587% | 27.54 | -0.229% | 499.71 |
| 1/17/2024 | 12:01:58 AM | -0.037% | 690.20 | 5.517% | 28.40 | -0.171% | 500.00 |
| 1/17/2024 | 12:02:00 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/17/2024 | 12:02:02 AM | -0.037% | 690.20 | -4.023% | 25.79 | -0.055% | 500.58 |
| 1/17/2024 | 12:02:04 AM | -0.037% | 690.20 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:02:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 12:02:08 AM | -0.037% | 690.20 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 12:02:10 AM | -0.037% | 690.20 | -3.272% | 25.98 | 0.003% | 500.87 |
| 1/17/2024 | 12:02:12 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 12:02:14 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 12:02:16 AM | -0.037% | 690.20 | -1.442% | 26.45 | 0.176% | 501.74 |
| 1/17/2024 | 12:02:18 AM | -0.037% | 690.20 | -0.531% | 26.69 | 0.176% | 501.74 |
| 1/17/2024 | 12:02:20 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 12:02:22 AM | -0.037% | 690.20 | -1.402% | 26.46 | 0.176% | 501.74 |
| 1/17/2024 | 12:02:24 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.233% | 502.03 |
| 1/17/2024 | 12:02:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.233% | 502.03 |
| 1/17/2024 | 12:02:28 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.233% | 502.03 |
| 1/17/2024 | 12:02:30 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:32 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:34 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:38 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:40 AM | -0.037% | 690.20 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:42 AM | -0.037% | 690.20 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:44 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 12:02:48 AM | -0.037% | 690.20 | -2.532% | 26.17 | 0.060% | 501.16 |
| 1/17/2024 | 12:02:50 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:02:52 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:02:54 AM | -0.037% | 690.20 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 12:02:56 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.060% | 501.16 |
| 1/17/2024 | 12:02:58 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:03:00 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 12:03:02 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 12:03:04 AM | -0.037% | 690.20 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 12:03:06 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.233% | 502.03 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:03:08 AM | -0.037% | 690.20 | 1.657% | 27.28 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:10 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:12 AM | -0.037% | 690.20 | 0.709% | 27.02 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:14 AM | -0.037% | 690.20 | 3.063% | 27.68 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:16 AM | -0.037% | 690.20 | 2.771% | 27.59 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:18 AM | -0.037% | 690.20 | 1.393% | 27.21 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:20 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:24 AM | -0.037% | 690.20 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:26 AM | -0.037% | 690.20 | -4.065% | 25.78 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:28 AM | -0.037% | 690.20 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:30 AM | -0.037% | 690.20 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:32 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:34 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:36 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:38 AM | -0.037% | 690.20 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:40 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:42 AM | -0.037% | 690.20 | -2.045% | 26.29 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:44 AM | -0.037% | 690.20 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:46 AM | -0.037% | 690.20 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:48 AM | -0.037% | 690.20 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:50 AM | -0.037% | 690.20 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:52 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:54 AM | -0.037% | 690.20 | -1.242% | 26.50 | 0.176% | 501.74 |
| 1/17/2024 | 12:03:56 AM | -0.037% | 690.20 | -0.179% | 26.78 | 0.233% | 502.03 |
| 1/17/2024 | 12:03:58 AM | -0.037% | 690.20 | 2.068% | 27.40 | 0.233% | 502.03 |
| 1/17/2024 | 12:04:00 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 12:04:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 12:04:04 AM | -0.037% | 690.20 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:06 AM | -0.037% | 690.20 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:08 AM | -0.037% | 690.20 | -2.369% | 26.21 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:10 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:12 AM | -0.037% | 690.20 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:14 AM | -0.037% | 690.20 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:16 AM | -0.037% | 690.20 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:18 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:20 AM | -0.037% | 690.20 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:22 AM | -0.037% | 690.20 | 3.027% | 27.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:24 AM | -0.037% | 690.20 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:26 AM | -0.037% | 690.20 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:28 AM | -0.037% | 690.20 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:32 AM | -0.037% | 690.20 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:34 AM | -0.037% | 690.20 | -0.610% | 26.67 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:04:36 AM | -0.037% | 690.20 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:38 AM | 0.006% | 690.50 | -3.479% | 25.93 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:40 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:42 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:44 AM | -0.037% | 690.20 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:46 AM | -0.037% | 690.20 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 12:04:48 AM | -0.037% | 690.20 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:50 AM | -0.037% | 690.20 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:52 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:54 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:04:58 AM | -0.037% | 690.20 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:00 AM | -0.037% | 690.20 | 3.788% | 27.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:02 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:04 AM | -0.037% | 690.20 | 2.697% | 27.57 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:06 AM | -0.037% | 690.20 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:08 AM | -0.037% | 690.20 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:10 AM | -0.037% | 690.20 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:12 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:14 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:16 AM | -0.037% | 690.20 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:05:18 AM | -0.037% | 690.20 | -1.762% | 26.36 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:20 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:22 AM | -0.037% | 690.20 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:24 AM | -0.037% | 690.20 | 2.439% | 27.50 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:26 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 12:05:32 AM | -0.037% | 690.20 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:34 AM | -0.037% | 690.20 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:36 AM | -0.037% | 690.20 | -2.983% | 26.05 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:38 AM | -0.037% | 690.20 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:40 AM | -0.037% | 690.20 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:42 AM | -0.037% | 690.20 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:44 AM | -0.037% | 690.20 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:46 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:48 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:50 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:52 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:54 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:56 AM | -0.037% | 690.20 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:05:58 AM | -0.037% | 690.20 | 4.748% | 28.17 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:00 AM | -0.037% | 690.20 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:02 AM | -0.037% | 690.20 | -1.562% | 26.42 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:06:04 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:06 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:08 AM | -0.037% | 690.20 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:12 AM | -0.037% | 690.20 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 12:06:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 12:06:16 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/17/2024 | 12:06:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 12:06:20 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.055% | 500.58 |
| 1/17/2024 | 12:06:22 AM | -0.037% | 690.20 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:06:24 AM | -0.037% | 690.20 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:26 AM | -0.037% | 690.20 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:30 AM | -0.037% | 690.20 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:34 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:36 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:38 AM | -0.037% | 690.20 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:40 AM | -0.037% | 690.20 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:42 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:44 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:46 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:48 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 12:06:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:56 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 12:06:58 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:00 AM | 0.006% | 690.50 | 3.572% | 27.82 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:02 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:04 AM | -0.037% | 690.20 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:06 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:08 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:10 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:14 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:16 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:18 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:20 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:22 AM | -0.037% | 690.20 | -2.655% | 26.14 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:24 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:26 AM | -0.037% | 690.20 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:28 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 12:07:30 AM | -0.037% | 690.20 | -0.767% | 26.63 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:07:32 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:34 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:38 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:40 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:44 AM | -0.037% | 690.20 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:46 AM | -0.037% | 690.20 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 12:07:48 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:50 AM | -0.037% | 690.20 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:52 AM | -0.037% | 690.20 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:54 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 12:07:58 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:00 AM | -0.037% | 690.20 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:02 AM | -0.037% | 690.20 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:04 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:06 AM | -0.037% | 690.20 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:08 AM | -0.037% | 690.20 | 3.209% | 27.72 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:10 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:12 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:14 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:16 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:18 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:20 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:22 AM | -0.037% | 690.20 | 3.209% | 27.72 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:24 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:26 AM | -0.037% | 690.20 | -4.233% | 25.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:28 AM | -0.037% | 690.20 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:30 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:32 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:34 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:36 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:38 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:40 AM | -0.037% | 690.20 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:42 AM | -0.037% | 690.20 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:44 AM | -0.037% | 690.20 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:46 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:48 AM | -0.037% | 690.20 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:50 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:52 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 12:08:56 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.118% | 501.45 |
| 1/17/2024 | 12:08:58 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:09:00 AM | -0.037% | 690.20 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:02 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:04 AM | -0.037% | 690.20 | -1.722% | 26.38 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:06 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:08 AM | -0.037% | 690.20 | -0.413% | 26.72 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:10 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:12 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:09:14 AM | -0.037% | 690.20 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 12:09:16 AM | -0.037% | 690.20 | -2.532% | 26.17 | 0.060% | 501.16 |
| 1/17/2024 | 12:09:18 AM | -0.037% | 690.20 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:09:20 AM | -0.037% | 690.20 | -2.410% | 26.20 | 0.060% | 501.16 |
| 1/17/2024 | 12:09:22 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:24 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:26 AM | -0.037% | 690.20 | 0.402% | 26.94 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:28 AM | -0.037% | 690.20 | -2.532% | 26.17 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:30 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:32 AM | -0.037% | 690.20 | 3.535% | 27.81 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:36 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.233% | 502.03 |
| 1/17/2024 | 12:09:40 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:42 AM | -0.037% | 690.20 | -0.925% | 26.58 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:44 AM | -0.037% | 690.20 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 12:09:46 AM | -0.037% | 690.20 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 12:09:48 AM | -0.037% | 690.20 | 0.747% | 27.03 | 0.118% | 501.45 |
| 1/17/2024 | 12:09:50 AM | -0.037% | 690.20 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/17/2024 | 12:09:52 AM | -0.037% | 690.20 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 12:09:54 AM | -0.037% | 690.20 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:56 AM | -0.037% | 690.20 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 12:09:58 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:10:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/17/2024 | 12:10:02 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 12:10:04 AM | -0.037% | 690.20 | 0.209% | 26.89 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:06 AM | -0.037% | 690.20 | -2.450% | 26.19 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:08 AM | -0.037% | 690.20 | -3.148% | 26.01 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:10 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:12 AM | -0.037% | 690.20 | -1.642% | 26.40 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:14 AM | -0.037% | 690.20 | -2.328% | 26.22 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:16 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:18 AM | 0.006% | 690.50 | 3.535% | 27.81 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:22 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:24 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.291% | 502.31 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:10:28 AM | 0.006% | 690.50 | 3.752% | 27.88 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:30 AM | -0.037% | 690.20 | 2.291% | 27.46 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:32 AM | -0.037% | 690.20 | -2.207% | 26.25 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:34 AM | -0.037% | 690.20 | 0.976% | 27.09 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:36 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:38 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:40 AM | -0.037% | 690.20 | 0.248% | 26.90 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:42 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:44 AM | -0.037% | 690.20 | -3.189% | 26.00 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:46 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.233% | 502.03 |
| 1/17/2024 | 12:10:48 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:50 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:52 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:54 AM | -0.037% | 690.20 | 1.956% | 27.36 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:56 AM | -0.037% | 690.20 | -3.231% | 25.99 | 0.291% | 502.31 |
| 1/17/2024 | 12:10:58 AM | -0.037% | 690.20 | -2.450% | 26.19 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:00 AM | -0.037% | 690.20 | -1.322% | 26.48 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:02 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:04 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 12:11:08 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 12:11:10 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.233% | 502.03 |
| 1/17/2024 | 12:11:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:14 AM | -0.037% | 690.20 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:16 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:18 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:20 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/17/2024 | 12:11:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:28 AM | -0.037% | 690.20 | -0.964% | 26.57 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:30 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:32 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:34 AM | -0.037% | 690.20 | -2.369% | 26.21 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:40 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:44 AM | 0.006% | 690.50 | -3.563% | 25.91 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:46 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:48 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.291% | 502.31 |
| 1/17/2024 | 12:11:50 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.233% | 502.03 |
| 1/17/2024 | 12:11:52 AM | -0.037% | 690.20 | -0.649% | 26.66 | 0.233% | 502.03 |
| 1/17/2024 | 12:11:54 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.233% | 502.03 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:11:56 AM | -0.037% | 690.20 | 0.900% | 27.07 | 0.233% | 502.03 |
| 1/17/2024 | 12:11:58 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:00 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:02 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:04 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:06 AM | 0.006% | 690.50 | 3.788% | 27.89 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:08 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:10 AM | -0.037% | 690.20 | -1.203% | 26.51 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:12 AM | -0.037% | 690.20 | 1.204% | 27.16 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:14 AM | 0.006% | 690.50 | 4.324% | 28.04 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:16 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:20 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:22 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:24 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:28 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:30 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:32 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:34 AM | -0.037% | 690.20 | -1.843% | 26.34 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:36 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:38 AM | 0.006% | 690.50 | 4.607% | 28.13 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:40 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:42 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:44 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:46 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:50 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:54 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.291% | 502.31 |
| 1/17/2024 | 12:12:56 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.233% | 502.03 |
| 1/17/2024 | 12:12:58 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:00 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:02 AM | 0.006% | 690.50 | 4.784% | 28.18 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:04 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:06 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:08 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:14 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:16 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:18 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:20 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:22 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.291% | 502.31 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:13:24 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:28 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:30 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:32 AM | -0.037% | 690.20 | -1.803% | 26.35 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:34 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:36 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:38 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.291% | 502.31 |
| 1/17/2024 | 12:13:40 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:42 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:48 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:50 AM | -0.037% | 690.20 | -1.722% | 26.38 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:52 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:54 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:56 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 12:13:58 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:02 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:04 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:06 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:10 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:16 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:18 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:22 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:24 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:28 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:30 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:32 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:34 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:36 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.176% | 501.74 |
| 1/17/2024 | 12:14:38 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:40 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:44 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.233% | 502.03 |
| 1/17/2024 | 12:14:46 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:48 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.291% | 502.31 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:14:52 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:56 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.291% | 502.31 |
| 1/17/2024 | 12:14:58 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:00 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:02 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:04 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:06 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:08 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:10 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:14 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:16 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.176% | 501.74 |
| 1/17/2024 | 12:15:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 12:15:20 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:22 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:24 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:26 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:30 AM | -0.037% | 690.20 | -1.562% | 26.42 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:32 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:34 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:36 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.291% | 502.31 |
| 1/17/2024 | 12:15:38 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:40 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:42 AM | 0.006% | 690.50 | 2.990% | 27.66 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:44 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:46 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:48 AM | -0.037% | 690.20 | -1.044% | 26.55 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:50 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:52 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:56 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 12:15:58 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:00 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:02 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:04 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:06 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:08 AM | 0.006% | 690.50 | -3.479% | 25.93 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:12 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:14 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:16 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:16:20 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.118% | 501.45 |
| 1/17/2024 | 12:16:22 AM | 0.006% | 690.50 | 6.512% | 28.70 | 0.118% | 501.45 |
| 1/17/2024 | 12:16:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 12:16:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:28 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:32 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:36 AM | -0.037% | 690.20 | -0.806% | 26.61 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:42 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:44 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.233% | 502.03 |
| 1/17/2024 | 12:16:46 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:48 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:52 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:54 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:56 AM | -0.037% | 690.20 | -4.023% | 25.79 | 0.176% | 501.74 |
| 1/17/2024 | 12:16:58 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:17:00 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.176% | 501.74 |
| 1/17/2024 | 12:17:02 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:17:04 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/17/2024 | 12:17:06 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.118% | 501.45 |
| 1/17/2024 | 12:17:08 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/17/2024 | 12:17:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:14 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:16 AM | -0.037% | 690.20 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:18 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:20 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:22 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:26 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:28 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/17/2024 | 12:17:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 12:17:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 12:17:34 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:36 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:17:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 12:17:42 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 12:17:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 12:17:46 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:17:48 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/17/2024 | 12:17:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/17/2024 | 12:17:52 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.171% | 500.00 |
| 1/17/2024 | 12:17:54 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/17/2024 | 12:17:56 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/17/2024 | 12:17:58 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:00 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:04 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:10 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:12 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:14 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:16 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:18 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:20 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:22 AM | 0.006% | 690.50 | 2.513% | 27.52 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:24 AM | 0.006% | 690.50 | 3.173% | 27.71 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:26 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:28 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:30 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:32 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:34 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:36 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:38 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:42 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:44 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.229% | 499.71 |
| 1/17/2024 | 12:18:46 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:48 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/17/2024 | 12:18:50 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.055% | 500.58 |
| 1/17/2024 | 12:18:52 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.113% | 500.29 |
| 1/17/2024 | 12:18:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/17/2024 | 12:18:56 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 12:18:58 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:19:00 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/17/2024 | 12:19:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.113% | 500.29 |
| 1/17/2024 | 12:19:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:12 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:19:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:18 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:20 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:22 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:24 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/17/2024 | 12:19:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.229% | 499.71 |
| 1/17/2024 | 12:19:28 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.229% | 499.71 |
| 1/17/2024 | 12:19:30 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.229% | 499.71 |
| 1/17/2024 | 12:19:32 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.229% | 499.71 |
| 1/17/2024 | 12:19:34 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:36 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:38 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:40 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:42 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:48 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:50 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:52 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:54 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.171% | 500.00 |
| 1/17/2024 | 12:19:56 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.229% | 499.71 |
| 1/17/2024 | 12:19:58 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.229% | 499.71 |
| 1/17/2024 | 12:20:00 AM | 0.006% | 690.50 | 2.328% | 27.47 | -0.229% | 499.71 |
| 1/17/2024 | 12:20:02 AM | 0.006% | 690.50 | -3.813% | 25.84 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:04 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:06 AM | 0.006% | 690.50 | 2.990% | 27.66 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:08 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.113% | 500.29 |
| 1/17/2024 | 12:20:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:14 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:16 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:18 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:20 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:22 AM | 0.006% | 690.50 | 4.039% | 27.96 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:24 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 12:20:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/17/2024 | 12:20:30 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 12:20:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:20:34 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.003% | 500.87 |
| 1/17/2024 | 12:20:36 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:38 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:40 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:42 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:20:44 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.055% | 500.58 |
| 1/17/2024 | 12:20:46 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:48 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:50 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 12:20:52 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/17/2024 | 12:20:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.229% | 499.71 |
| 1/17/2024 | 12:20:56 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.229% | 499.71 |
| 1/17/2024 | 12:20:58 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.229% | 499.71 |
| 1/17/2024 | 12:21:00 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:02 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:04 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:06 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:08 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.229% | 499.71 |
| 1/17/2024 | 12:21:10 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.229% | 499.71 |
| 1/17/2024 | 12:21:12 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.229% | 499.71 |
| 1/17/2024 | 12:21:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:16 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:18 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:20 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:22 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.113% | 500.29 |
| 1/17/2024 | 12:21:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/17/2024 | 12:21:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.113% | 500.29 |
| 1/17/2024 | 12:21:30 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:32 AM | -0.037% | 690.20 | 1.128% | 27.14 | -0.113% | 500.29 |
| 1/17/2024 | 12:21:34 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:36 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:38 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:40 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:42 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:44 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:46 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:48 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:50 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 12:21:52 AM | 0.006% | 690.50 | -5.041% | 25.54 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:54 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:56 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 12:21:58 AM | 0.006% | 690.50 | -3.688% | 25.88 | -0.113% | 500.29 |
| 1/17/2024 | 12:22:00 AM | 0.006% | 690.50 | -3.272% | 25.98 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.113% | 500.29 |
| 1/17/2024 | 12:22:04 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:08 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:22:12 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:14 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:16 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:20 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:22 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:24 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:26 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:28 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:32 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:34 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:40 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:42 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:44 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/17/2024 | 12:22:48 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:50 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:54 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:56 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.055% | 500.58 |
| 1/17/2024 | 12:22:58 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:00 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:02 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:04 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.113% | 500.29 |
| 1/17/2024 | 12:23:06 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.113% | 500.29 |
| 1/17/2024 | 12:23:10 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.113% | 500.29 |
| 1/17/2024 | 12:23:12 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:16 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:18 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:20 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:22 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:24 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:26 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:28 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:30 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.229% | 499.71 |
| 1/17/2024 | 12:23:32 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/17/2024 | 12:23:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.229% | 499.71 |
| 1/17/2024 | 12:23:36 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.229% | 499.71 |
| 1/17/2024 | 12:23:38 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.229% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:23:40 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.229% | 499.71 |
| 1/17/2024 | 12:23:42 AM | 0.006% | 690.50 | 4.643% | 28.14 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:44 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:46 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:48 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:52 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.171% | 500.00 |
| 1/17/2024 | 12:23:54 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:56 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/17/2024 | 12:23:58 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:00 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:02 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.113% | 500.29 |
| 1/17/2024 | 12:24:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.113% | 500.29 |
| 1/17/2024 | 12:24:06 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:08 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:10 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:12 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:14 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:16 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:18 AM | 0.006% | 690.50 | 3.752% | 27.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:20 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:22 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:24 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:26 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:30 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.113% | 500.29 |
| 1/17/2024 | 12:24:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:34 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:38 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:40 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.171% | 500.00 |
| 1/17/2024 | 12:24:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/17/2024 | 12:24:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 12:24:46 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.171% | 500.00 |
| 1/17/2024 | 12:24:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 12:24:50 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:52 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 12:24:54 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:56 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/17/2024 | 12:24:58 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:00 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:04 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:06 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:25:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:10 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:12 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.171% | 500.00 |
| 1/17/2024 | 12:25:14 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/17/2024 | 12:25:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/17/2024 | 12:25:18 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/17/2024 | 12:25:20 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 12:25:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/17/2024 | 12:25:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:26 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/17/2024 | 12:25:28 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.113% | 500.29 |
| 1/17/2024 | 12:25:30 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.113% | 500.29 |
| 1/17/2024 | 12:25:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:34 AM | 0.006% | 690.50 | -4.529% | 25.67 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:36 AM | 0.006% | 690.50 | 4.748% | 28.17 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:38 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:40 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 12:25:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:46 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:48 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:50 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:52 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:54 AM | 0.006% | 690.50 | -4.233% | 25.74 | -0.055% | 500.58 |
| 1/17/2024 | 12:25:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.113% | 500.29 |
| 1/17/2024 | 12:25:58 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:00 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:02 AM | 0.006% | 690.50 | 5.862% | 28.50 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:04 AM | 0.006% | 690.50 | -3.771% | 25.85 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:06 AM | 0.006% | 690.50 | -3.563% | 25.91 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:08 AM | 0.006% | 690.50 | -4.913% | 25.57 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:10 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:12 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 12:26:14 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.055% | 500.58 |
| 1/17/2024 | 12:26:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 12:26:18 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/17/2024 | 12:26:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 12:26:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 12:26:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 12:26:26 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:26:28 AM | 0.006% | 690.50 | -5.041% | 25.54 | 0.060% | 501.16 |
| 1/17/2024 | 12:26:30 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/17/2024 | 12:26:32 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:26:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:26:36 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 12:26:38 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/17/2024 | 12:26:40 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/17/2024 | 12:26:42 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:44 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:48 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:52 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:54 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:56 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/17/2024 | 12:26:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.229% | 499.71 |
| 1/17/2024 | 12:27:00 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.229% | 499.71 |
| 1/17/2024 | 12:27:02 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:08 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:10 AM | 0.006% | 690.50 | 2.807% | 27.60 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:12 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:14 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:16 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:20 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:30 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:32 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:34 AM | 0.006% | 690.50 | 2.660% | 27.56 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:36 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:38 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:42 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:44 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 12:27:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 12:27:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:27:50 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 12:27:52 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:27:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 12:27:56 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:27:58 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:00 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:28:04 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:08 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:12 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:16 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:18 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/17/2024 | 12:28:20 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:22 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:24 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:26 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:28 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:30 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:34 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:38 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:40 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.113% | 500.29 |
| 1/17/2024 | 12:28:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:44 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:46 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/17/2024 | 12:28:48 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:50 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:52 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:54 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:56 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 12:28:58 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:02 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:04 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:06 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:10 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:12 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:14 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:16 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:20 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:22 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:24 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 12:29:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:30 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:29:32 AM | 0.006% | 690.50 | 3.063% | 27.68 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 12:29:36 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.171% | 500.00 |
| 1/17/2024 | 12:29:38 AM | 0.006% | 690.50 | -3.024% | 26.04 | -0.171% | 500.00 |
| 1/17/2024 | 12:29:40 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 12:29:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/17/2024 | 12:29:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:46 AM | 0.006% | 690.50 | 2.771% | 27.59 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:48 AM | 0.006% | 690.50 | -3.646% | 25.89 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:56 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/17/2024 | 12:29:58 AM | 0.006% | 690.50 | 3.027% | 27.67 | -0.171% | 500.00 |
| 1/17/2024 | 12:30:00 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 12:30:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 12:30:04 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.171% | 500.00 |
| 1/17/2024 | 12:30:06 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:08 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:10 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:16 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.229% | 499.71 |
| 1/17/2024 | 12:30:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.229% | 499.71 |
| 1/17/2024 | 12:30:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:22 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:24 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 12:30:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 12:30:30 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 12:30:32 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:30:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:30:36 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/17/2024 | 12:30:38 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:30:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 12:30:42 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.003% | 500.87 |
| 1/17/2024 | 12:30:44 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:46 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:48 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:50 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:52 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.113% | 500.29 |
| 1/17/2024 | 12:30:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 12:30:56 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.113% | 500.29 |
| 1/17/2024 | 12:30:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:31:00 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:04 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:06 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:08 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:10 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:14 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:16 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:20 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:22 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:24 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:28 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.113% | 500.29 |
| 1/17/2024 | 12:31:30 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:32 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:34 AM | 0.006% | 690.50 | 4.110% | 27.98 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:38 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:40 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:42 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:46 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.113% | 500.29 |
| 1/17/2024 | 12:31:48 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:52 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:54 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:56 AM | 0.006% | 690.50 | 3.209% | 27.72 | -0.055% | 500.58 |
| 1/17/2024 | 12:31:58 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:00 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:02 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:04 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:06 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:14 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:20 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:22 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:24 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:26 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:32:28 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:30 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:32 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.113% | 500.29 |
| 1/17/2024 | 12:32:34 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:38 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:40 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:42 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:44 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:32:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.113% | 500.29 |
| 1/17/2024 | 12:32:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:52 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:54 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:56 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 12:32:58 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:00 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:04 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:06 AM | 0.006% | 690.50 | 4.819% | 28.19 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:10 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 12:33:14 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 12:33:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 12:33:18 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:20 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:22 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:24 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:28 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:30 AM | 0.006% | 690.50 | 3.427% | 27.78 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:32 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:34 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:36 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:38 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:40 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 12:33:42 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:44 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:50 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 12:33:54 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:33:56 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 12:33:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:00 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:02 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:04 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:08 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:12 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:16 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:18 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:20 AM | 0.006% | 690.50 | 4.074% | 27.97 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:22 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:24 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:28 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:30 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:32 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:34 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:36 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 12:34:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:40 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:42 AM | 0.006% | 690.50 | 3.027% | 27.67 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:44 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:46 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:48 AM | 0.006% | 690.50 | -2.942% | 26.06 | -0.055% | 500.58 |
| 1/17/2024 | 12:34:50 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:52 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:54 AM | 0.006% | 690.50 | 3.608% | 27.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:56 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:34:58 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:00 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:04 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:06 AM | 0.006% | 690.50 | 3.859% | 27.91 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:08 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:10 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:12 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:16 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:20 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 12:35:22 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:35:24 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:26 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:32 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:34 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:36 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:38 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:40 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:42 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:44 AM | 0.006% | 690.50 | -5.601% | 25.41 | 0.003% | 500.87 |
| 1/17/2024 | 12:35:46 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 12:35:48 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/17/2024 | 12:35:50 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.176% | 501.74 |
| 1/17/2024 | 12:35:52 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.176% | 501.74 |
| 1/17/2024 | 12:35:54 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.176% | 501.74 |
| 1/17/2024 | 12:35:56 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/17/2024 | 12:35:58 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 12:36:00 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:02 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:04 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:08 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:10 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:12 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:14 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:16 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:18 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:20 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:22 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:30 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:32 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:34 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 12:36:38 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:40 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:42 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:44 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:36:52 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:36:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:00 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:02 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:04 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:06 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:14 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:16 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:18 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:24 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:26 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:28 AM | 0.006% | 690.50 | 3.499% | 27.80 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:30 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:32 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:34 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:38 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:40 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:44 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:48 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:50 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:52 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:37:54 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:56 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.003% | 500.87 |
| 1/17/2024 | 12:37:58 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:00 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:02 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:04 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:06 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:08 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:10 AM | 0.006% | 690.50 | 3.859% | 27.91 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:12 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.118% | 501.45 |
| 1/17/2024 | 12:38:14 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 12:38:16 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.118% | 501.45 |
| 1/17/2024 | 12:38:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:38:20 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 12:38:22 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:38:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 12:38:26 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 12:38:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:30 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:32 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:34 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:38 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:42 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:44 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:46 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:48 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 12:38:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 12:38:52 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 12:38:54 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:38:56 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 12:38:58 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:00 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:02 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:04 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:06 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:08 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:10 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:14 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:18 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:20 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:24 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:28 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:30 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:32 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:34 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:36 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:38 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:40 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.118% | 501.45 |
| 1/17/2024 | 12:39:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 12:39:44 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.003% | 500.87 |
| 1/17/2024 | 12:39:46 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:39:48 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 12:39:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 12:39:52 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/17/2024 | 12:39:54 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 12:39:58 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:00 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:02 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:04 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:06 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:08 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:10 AM | 0.006% | 690.50 | -3.189% | 26.00 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:12 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:14 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:16 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:18 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:20 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:24 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:26 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:30 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:32 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:34 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:36 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:38 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:40 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:42 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:44 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:46 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:48 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 12:40:52 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:56 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 12:40:58 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 12:41:00 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 12:41:02 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.118% | 501.45 |
| 1/17/2024 | 12:41:04 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:06 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:08 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:10 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:12 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:41:16 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:20 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:22 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:24 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:28 AM | 0.006% | 690.50 | 3.680% | 27.85 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:30 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:32 AM | 0.006% | 690.50 | 4.430% | 28.07 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:36 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 12:41:40 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:42 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:48 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:50 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:52 AM | 0.006% | 690.50 | -4.023% | 25.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:56 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 12:41:58 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:00 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:02 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:06 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:08 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:10 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:14 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:24 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:26 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:28 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 12:42:30 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:32 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:34 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:36 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:38 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.118% | 501.45 |
| 1/17/2024 | 12:42:40 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 12:42:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:42:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |
| 1/17/2024 | 12:42:46 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |
| 1/17/2024 | 12:42:48 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 12:42:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.118% | 501.45 |
| 1/17/2024 | 12:42:52 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:42:58 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:00 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:02 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:04 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:06 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:08 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:10 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:14 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:16 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:18 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:20 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:22 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.113% | 500.29 |
| 1/17/2024 | 12:43:24 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:30 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:43:36 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:38 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:44 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.055% | 500.58 |
| 1/17/2024 | 12:43:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:43:48 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 12:43:50 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 12:43:52 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:43:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:43:56 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 12:43:58 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:00 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:02 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:06 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:10 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:44:12 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:44:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:18 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:20 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:22 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:24 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:30 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:32 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:34 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:38 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:42 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:44 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:46 AM | 0.006% | 690.50 | 4.253% | 28.02 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:48 AM | 0.006% | 690.50 | 5.274% | 28.32 | 0.176% | 501.74 |
| 1/17/2024 | 12:44:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:52 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:54 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:56 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.118% | 501.45 |
| 1/17/2024 | 12:44:58 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:45:02 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/17/2024 | 12:45:04 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/17/2024 | 12:45:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 12:45:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:10 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 12:45:14 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:45:16 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.176% | 501.74 |
| 1/17/2024 | 12:45:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.176% | 501.74 |
| 1/17/2024 | 12:45:20 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:22 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 12:45:24 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:28 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:30 AM | 0.006% | 690.50 | 2.990% | 27.66 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:32 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:34 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:45:40 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:42 AM | 0.006% | 690.50 | -3.813% | 25.84 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:44 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:46 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:48 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:50 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:52 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.118% | 501.45 |
| 1/17/2024 | 12:45:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:56 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:45:58 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/17/2024 | 12:46:00 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 12:46:02 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:46:04 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 12:46:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:08 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:10 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:12 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 12:46:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 12:46:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 12:46:20 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:22 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:24 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.118% | 501.45 |
| 1/17/2024 | 12:46:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/17/2024 | 12:46:28 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.118% | 501.45 |
| 1/17/2024 | 12:46:30 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:32 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:34 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:38 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:40 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:42 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:44 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:54 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:46:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:46:58 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:00 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:04 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:06 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:47:08 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:10 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:12 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:14 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:18 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:20 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:22 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 12:47:24 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:26 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:28 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:32 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:34 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:36 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:38 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:40 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:42 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:44 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:46 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:52 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:54 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:56 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 12:47:58 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.003% | 500.87 |
| 1/17/2024 | 12:48:00 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 12:48:02 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 12:48:04 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 12:48:06 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 12:48:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:10 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:12 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:14 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:16 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:18 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:20 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.113% | 500.29 |
| 1/17/2024 | 12:48:22 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:26 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:28 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:30 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:32 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:48:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:48:36 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.003% | 500.87 |
| 1/17/2024 | 12:48:38 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:44 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:46 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:50 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:52 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:54 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:56 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/17/2024 | 12:48:58 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:00 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:04 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:06 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:08 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:10 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:12 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:14 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:16 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:20 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 12:49:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 12:49:24 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 12:49:26 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 12:49:28 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 12:49:30 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/17/2024 | 12:49:32 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.171% | 500.00 |
| 1/17/2024 | 12:49:34 AM | 0.006% | 690.50 | 2.217% | 27.44 | -0.113% | 500.29 |
| 1/17/2024 | 12:49:36 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 12:49:38 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 12:49:40 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 12:49:42 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/17/2024 | 12:49:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 12:49:46 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:50 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:52 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:54 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:56 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:49:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 12:50:00 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.060% | 501.16 |
| 1/17/2024 | 12:50:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:50:04 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:50:06 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:50:08 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 12:50:10 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:14 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.113% | 500.29 |
| 1/17/2024 | 12:50:24 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:28 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:32 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:34 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:36 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:38 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:40 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:50:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:44 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:46 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.113% | 500.29 |
| 1/17/2024 | 12:50:48 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:50 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:52 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:54 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:56 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/17/2024 | 12:50:58 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.113% | 500.29 |
| 1/17/2024 | 12:51:00 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:02 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:04 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:08 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:12 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:16 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:18 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:20 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:22 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:30 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:51:32 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:34 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:36 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:40 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:44 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:48 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:50 AM | 0.006% | 690.50 | -3.189% | 26.00 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:52 AM | 0.006% | 690.50 | -4.107% | 25.77 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:54 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 12:51:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 12:51:58 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:00 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:02 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:04 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:06 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:12 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:14 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:16 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:18 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:20 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:22 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 12:52:24 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:26 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:30 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:32 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.113% | 500.29 |
| 1/17/2024 | 12:52:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 12:52:40 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:42 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:44 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:46 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:48 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:50 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:52 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:56 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 12:52:58 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:53:00 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:02 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:06 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:10 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:12 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:14 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:16 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:18 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:20 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:22 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:24 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:26 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:28 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.055% | 500.58 |
| 1/17/2024 | 12:53:30 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/17/2024 | 12:53:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 12:53:34 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:36 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:42 AM | 0.006% | 690.50 | 3.499% | 27.80 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:44 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:46 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:52 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:54 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:56 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 12:53:58 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 12:54:00 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:02 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:04 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:06 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:08 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 12:54:12 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 12:54:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 12:54:16 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:18 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:20 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:24 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:54:28 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:30 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:32 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:36 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:38 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:40 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:44 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:46 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:54:58 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:00 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:02 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:06 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:10 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:12 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:14 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:16 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:18 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:20 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:22 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:24 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:28 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:30 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:32 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:36 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:38 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:40 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:42 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:44 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:46 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:50 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 12:55:52 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:55:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 12:55:58 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 12:56:00 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:02 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:04 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:06 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:08 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:10 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:12 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.060% | 501.16 |
| 1/17/2024 | 12:56:14 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/17/2024 | 12:56:16 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 12:56:18 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:20 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:24 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:26 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:28 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:30 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 12:56:36 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/17/2024 | 12:56:38 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.060% | 501.16 |
| 1/17/2024 | 12:56:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 12:56:42 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.233% | 502.03 |
| 1/17/2024 | 12:56:44 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.233% | 502.03 |
| 1/17/2024 | 12:56:46 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.233% | 502.03 |
| 1/17/2024 | 12:56:48 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.233% | 502.03 |
| 1/17/2024 | 12:56:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.233% | 502.03 |
| 1/17/2024 | 12:56:52 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.176% | 501.74 |
| 1/17/2024 | 12:56:54 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 12:56:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 12:56:58 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:00 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:02 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:04 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:06 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:08 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:10 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:14 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:16 AM | 0.006% | 690.50 | 4.253% | 28.02 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:18 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:20 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 12:57:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.233% | 502.03 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:57:24 AM | 0.006% | 690.50 | 3.246% | 27.73 | 0.233% | 502.03 |
| 1/17/2024 | 12:57:26 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.233% | 502.03 |
| 1/17/2024 | 12:57:28 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:30 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:34 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:36 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:38 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:42 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:46 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:48 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:50 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:52 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.118% | 501.45 |
| 1/17/2024 | 12:57:54 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:56 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.176% | 501.74 |
| 1/17/2024 | 12:57:58 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.176% | 501.74 |
| 1/17/2024 | 12:58:00 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.176% | 501.74 |
| 1/17/2024 | 12:58:02 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.176% | 501.74 |
| 1/17/2024 | 12:58:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.176% | 501.74 |
| 1/17/2024 | 12:58:06 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.176% | 501.74 |
| 1/17/2024 | 12:58:08 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:10 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:12 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:14 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:16 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:18 AM | 0.006% | 690.50 | 3.608% | 27.83 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 12:58:22 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 12:58:24 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:26 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:28 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:30 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:32 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:34 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:38 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:40 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 12:58:42 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 12:58:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 12:58:46 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 12:58:48 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.113% | 500.29 |
| 1/17/2024 | 12:58:50 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:58:52 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 12:58:54 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 12:58:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 12:58:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 12:59:00 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 12:59:02 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 12:59:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/17/2024 | 12:59:06 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 12:59:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 12:59:10 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:12 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:14 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:16 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:18 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:20 AM | 0.006% | 690.50 | 3.680% | 27.85 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:22 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:24 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:26 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:28 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:30 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:32 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:34 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:36 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 12:59:38 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:40 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:42 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:44 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:46 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:48 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:50 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:54 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:56 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 12:59:58 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:00 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:02 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:04 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 1:00:06 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/17/2024 | 1:00:08 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 1:00:10 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:12 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:16 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:18 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:00:20 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:24 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:26 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:28 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:30 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:32 AM | 0.006% | 690.50 | -4.827% | 25.59 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:36 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/17/2024 | 1:00:38 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:40 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.113% | 500.29 |
| 1/17/2024 | 1:00:42 AM | 0.048% | 690.80 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:44 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:46 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:48 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:50 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:54 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:56 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 1:00:58 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:00 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:04 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:06 AM | 0.006% | 690.50 | -3.981% | 25.80 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:08 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:12 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:14 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:01:16 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/17/2024 | 1:01:18 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.176% | 501.74 |
| 1/17/2024 | 1:01:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.176% | 501.74 |
| 1/17/2024 | 1:01:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 1:01:24 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:26 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:28 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:30 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:34 AM | 0.006% | 690.50 | 3.608% | 27.83 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:36 AM | 0.006% | 690.50 | 4.217% | 28.01 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:38 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:40 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:42 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:44 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:46 AM | 0.006% | 690.50 | -4.233% | 25.74 | 0.060% | 501.16 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:01:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:50 AM | 0.006% | 690.50 | 5.029% | 28.25 | 0.060% | 501.16 |
| 1/17/2024 | 1:01:52 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:54 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 1:01:58 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:00 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:04 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:06 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:08 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:14 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:16 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:18 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:26 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:30 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:32 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:34 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:36 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:40 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:42 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:46 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.118% | 501.45 |
| 1/17/2024 | 1:02:48 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:50 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:52 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.176% | 501.74 |
| 1/17/2024 | 1:02:54 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:02:56 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.060% | 501.16 |
| 1/17/2024 | 1:02:58 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:00 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:02 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:04 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:06 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:08 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:12 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:03:16 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:18 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:20 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:22 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:24 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:26 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:30 AM | 0.006% | 690.50 | 3.499% | 27.80 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:32 AM | 0.006% | 690.50 | 5.897% | 28.51 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:36 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:38 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 1:03:40 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:44 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:46 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 1:03:48 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.176% | 501.74 |
| 1/17/2024 | 1:03:50 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.176% | 501.74 |
| 1/17/2024 | 1:03:52 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:03:54 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 1:03:56 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.176% | 501.74 |
| 1/17/2024 | 1:03:58 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:00 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:02 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:04 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:06 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:12 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:14 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:16 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:18 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:20 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:26 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:30 AM | 0.006% | 690.50 | 4.074% | 27.97 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:32 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:34 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:36 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:38 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:40 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:42 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:04:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:46 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 1:04:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:54 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:56 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.176% | 501.74 |
| 1/17/2024 | 1:04:58 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:04 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 1:05:06 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 1:05:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 1:05:10 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 1:05:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 1:05:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:26 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:32 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:34 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:36 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:38 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:40 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:42 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:44 AM | 0.006% | 690.50 | 3.967% | 27.94 | 0.176% | 501.74 |
| 1/17/2024 | 1:05:46 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:48 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:54 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:56 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:05:58 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:00 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:04 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:08 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:06:12 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:14 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:16 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:18 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:20 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:22 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:24 AM | 0.006% | 690.50 | 5.134% | 28.28 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:28 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:30 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:32 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:34 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:36 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:38 AM | 0.006% | 690.50 | -4.657% | 25.64 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:40 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:42 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/17/2024 | 1:06:44 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:46 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.118% | 501.45 |
| 1/17/2024 | 1:06:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 1:06:52 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.176% | 501.74 |
| 1/17/2024 | 1:06:54 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.176% | 501.74 |
| 1/17/2024 | 1:06:56 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.176% | 501.74 |
| 1/17/2024 | 1:06:58 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.176% | 501.74 |
| 1/17/2024 | 1:07:00 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 1:07:02 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |
| 1/17/2024 | 1:07:04 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.176% | 501.74 |
| 1/17/2024 | 1:07:06 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 1:07:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:16 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:18 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:20 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:22 AM | 0.006% | 690.50 | 3.318% | 27.75 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:26 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:28 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:32 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:34 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:38 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:07:40 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.060% | 501.16 |
| 1/17/2024 | 1:07:42 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:48 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:50 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:52 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:56 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:07:58 AM | 0.006% | 690.50 | 3.173% | 27.71 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:00 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:02 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:04 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:06 AM | 0.006% | 690.50 | 4.466% | 28.08 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 1:08:10 AM | 0.006% | 690.50 | 4.110% | 27.98 | 0.060% | 501.16 |
| 1/17/2024 | 1:08:12 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 1:08:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:08:16 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.060% | 501.16 |
| 1/17/2024 | 1:08:18 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:22 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:24 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:26 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:32 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:34 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:36 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.176% | 501.74 |
| 1/17/2024 | 1:08:38 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:40 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:42 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:44 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:48 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:50 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 1:08:52 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:08:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 1:08:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 1:08:58 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 1:09:00 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:02 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:04 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:06 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:09:08 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:10 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:12 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:14 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:16 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:18 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:20 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:26 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:28 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:32 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:34 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:36 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:38 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:40 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.176% | 501.74 |
| 1/17/2024 | 1:09:42 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.176% | 501.74 |
| 1/17/2024 | 1:09:44 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.176% | 501.74 |
| 1/17/2024 | 1:09:46 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:48 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:50 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 1:09:52 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:56 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 1:09:58 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:10:00 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:02 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:06 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:10 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:12 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:14 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:16 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:18 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:22 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:26 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:30 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:32 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:34 AM | 0.048% | 690.80 | -1.602% | 26.41 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:10:36 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:40 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:44 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:48 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:50 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/17/2024 | 1:10:52 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:54 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:56 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:10:58 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:00 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:02 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:04 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:06 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:08 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:10 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:16 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:20 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:22 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:24 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:26 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:28 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:32 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:34 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:36 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:38 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:40 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:42 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:44 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:46 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:48 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 1:11:50 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:52 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:54 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:56 AM | 0.048% | 690.80 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 1:11:58 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:00 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:02 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:12:04 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:06 AM | 0.048% | 690.80 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 1:12:08 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 1:12:10 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 1:12:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 1:12:14 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:16 AM | 0.006% | 690.50 | -4.065% | 25.78 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:18 AM | 0.006% | 690.50 | -3.855% | 25.83 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:20 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:24 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:26 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:30 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:32 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:36 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:40 AM | 0.006% | 690.50 | -6.210% | 25.26 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:42 AM | 0.006% | 690.50 | 4.110% | 27.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:46 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/17/2024 | 1:12:48 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:50 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:52 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:54 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:56 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 1:12:58 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:00 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:04 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:06 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:10 AM | 0.006% | 690.50 | -3.563% | 25.91 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:16 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:18 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:22 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:24 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:26 AM | 0.048% | 690.80 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:28 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:30 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:13:32 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:36 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.176% | 501.74 |
| 1/17/2024 | 1:13:38 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:42 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:44 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:46 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:54 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:56 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.118% | 501.45 |
| 1/17/2024 | 1:13:58 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:00 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:04 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:08 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:10 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:14 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:16 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:18 AM | 0.006% | 690.50 | -4.233% | 25.74 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:20 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:22 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:24 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:26 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:28 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:30 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:32 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:34 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:36 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:40 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:42 AM | 0.048% | 690.80 | 3.063% | 27.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:44 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/17/2024 | 1:14:48 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 1:14:50 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:52 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 1:14:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:15:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:02 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:04 AM | 0.006% | 690.50 | 3.391% | 27.77 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:08 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:12 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:14 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:16 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:18 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:20 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:22 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:30 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:32 AM | 0.048% | 690.80 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:34 AM | 0.048% | 690.80 | -1.803% | 26.35 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:36 AM | 0.048% | 690.80 | 0.594% | 26.99 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:38 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:42 AM | 0.048% | 690.80 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:44 AM | 0.006% | 690.50 | -6.123% | 25.28 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:48 AM | 0.048% | 690.80 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:50 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:52 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:54 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.176% | 501.74 |
| 1/17/2024 | 1:15:56 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.233% | 502.03 |
| 1/17/2024 | 1:15:58 AM | 0.048% | 690.80 | -1.163% | 26.52 | 0.233% | 502.03 |
| 1/17/2024 | 1:16:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.233% | 502.03 |
| 1/17/2024 | 1:16:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.233% | 502.03 |
| 1/17/2024 | 1:16:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:08 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:12 AM | 0.006% | 690.50 | -4.955% | 25.56 | 0.233% | 502.03 |
| 1/17/2024 | 1:16:14 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.233% | 502.03 |
| 1/17/2024 | 1:16:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:18 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:20 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:24 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:16:28 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 1:16:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:32 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:34 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:36 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:38 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.176% | 501.74 |
| 1/17/2024 | 1:16:40 AM | 0.006% | 690.50 | -4.107% | 25.77 | 0.176% | 501.74 |
| 1/17/2024 | 1:16:42 AM | 0.048% | 690.80 | -2.004% | 26.30 | 0.176% | 501.74 |
| 1/17/2024 | 1:16:44 AM | 0.048% | 690.80 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:16:46 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.176% | 501.74 |
| 1/17/2024 | 1:16:48 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 1:16:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:52 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:54 AM | 0.006% | 690.50 | 3.895% | 27.92 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:56 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.118% | 501.45 |
| 1/17/2024 | 1:16:58 AM | 0.006% | 690.50 | -5.818% | 25.35 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:00 AM | 0.048% | 690.80 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:02 AM | 0.048% | 690.80 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:04 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:06 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:08 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:10 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:12 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:16 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:20 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:22 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:24 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:28 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:32 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 1:17:34 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.176% | 501.74 |
| 1/17/2024 | 1:17:36 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:38 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:42 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:44 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:48 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:50 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:54 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.291% | 502.31 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:17:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.291% | 502.31 |
| 1/17/2024 | 1:17:58 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:00 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:04 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:06 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:08 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:12 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:14 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:16 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:20 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:22 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:26 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:28 AM | 0.006% | 690.50 | -4.742% | 25.61 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:30 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:32 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:34 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:36 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:38 AM | 0.006% | 690.50 | -5.687% | 25.39 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:40 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:42 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:44 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:46 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.233% | 502.03 |
| 1/17/2024 | 1:18:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:50 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:52 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:56 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.291% | 502.31 |
| 1/17/2024 | 1:18:58 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:00 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:02 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:04 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:06 AM | 0.006% | 690.50 | -4.233% | 25.74 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:08 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:10 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:12 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:14 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:16 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:18 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:20 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:22 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.233% | 502.03 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:19:24 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:26 AM | 0.048% | 690.80 | 0.709% | 27.02 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:28 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:32 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:34 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:36 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:38 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:40 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:42 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:44 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:46 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:48 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:50 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:52 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.291% | 502.31 |
| 1/17/2024 | 1:19:56 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.233% | 502.03 |
| 1/17/2024 | 1:19:58 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:00 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:02 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:04 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:06 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:08 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:12 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:14 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:16 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:18 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:24 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:26 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:30 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:32 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:34 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:36 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:40 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:42 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:44 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:46 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.291% | 502.31 |
| 1/17/2024 | 1:20:50 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.233% | 502.03 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:20:52 AM | 0.048% | 690.80 | 1.732% | 27.30 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:54 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:56 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.233% | 502.03 |
| 1/17/2024 | 1:20:58 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:02 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:04 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:06 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:08 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:10 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.291% | 502.31 |
| 1/17/2024 | 1:21:12 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.291% | 502.31 |
| 1/17/2024 | 1:21:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.291% | 502.31 |
| 1/17/2024 | 1:21:16 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.291% | 502.31 |
| 1/17/2024 | 1:21:18 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.291% | 502.31 |
| 1/17/2024 | 1:21:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:22 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:26 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:28 AM | 0.048% | 690.80 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:30 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:36 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:38 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:44 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:46 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:48 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 1:21:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:52 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:54 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.233% | 502.03 |
| 1/17/2024 | 1:21:58 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.233% | 502.03 |
| 1/17/2024 | 1:22:00 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:02 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:04 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:06 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:08 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:10 AM | 0.048% | 690.80 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:12 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:14 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:16 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:22:20 AM | 0.048% | 690.80 | -1.803% | 26.35 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:24 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:26 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:30 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:32 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:36 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:38 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:40 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:44 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:46 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:48 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:52 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:54 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 1:22:58 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:00 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:02 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:04 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:06 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:12 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:14 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 1:23:16 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:18 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:20 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:22 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:26 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:32 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:34 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:36 AM | 0.048% | 690.80 | 0.747% | 27.03 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:38 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:40 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:42 AM | 0.006% | 690.50 | -4.445% | 25.69 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:44 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:23:48 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.176% | 501.74 |
| 1/17/2024 | 1:23:50 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:56 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.233% | 502.03 |
| 1/17/2024 | 1:23:58 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.233% | 502.03 |
| 1/17/2024 | 1:24:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.233% | 502.03 |
| 1/17/2024 | 1:24:02 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.233% | 502.03 |
| 1/17/2024 | 1:24:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.233% | 502.03 |
| 1/17/2024 | 1:24:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 1:24:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.233% | 502.03 |
| 1/17/2024 | 1:24:10 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:12 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:16 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:20 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:22 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:26 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:28 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:30 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:34 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:36 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:42 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:44 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.176% | 501.74 |
| 1/17/2024 | 1:24:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.291% | 502.31 |
| 1/17/2024 | 1:24:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.291% | 502.31 |
| 1/17/2024 | 1:24:52 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.291% | 502.31 |
| 1/17/2024 | 1:24:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.291% | 502.31 |
| 1/17/2024 | 1:24:56 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.291% | 502.31 |
| 1/17/2024 | 1:24:58 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.291% | 502.31 |
| 1/17/2024 | 1:25:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.233% | 502.03 |
| 1/17/2024 | 1:25:02 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.233% | 502.03 |
| 1/17/2024 | 1:25:04 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.233% | 502.03 |
| 1/17/2024 | 1:25:06 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:08 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:10 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:25:16 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:18 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:20 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:24 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:26 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:28 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:36 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:38 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:40 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:44 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:48 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:52 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:54 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:56 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 1:25:58 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:00 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:04 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:06 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:08 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:10 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:12 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:14 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:16 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:20 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:24 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 1:26:26 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 1:26:28 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:26:30 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:34 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:36 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:40 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:42 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:26:44 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:46 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:48 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 1:26:52 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:54 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 1:26:58 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:00 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:02 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:27:04 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 1:27:06 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 1:27:08 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 1:27:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:12 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:14 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:16 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.176% | 501.74 |
| 1/17/2024 | 1:27:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 1:27:20 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 1:27:22 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |
| 1/17/2024 | 1:27:24 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.176% | 501.74 |
| 1/17/2024 | 1:27:26 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.176% | 501.74 |
| 1/17/2024 | 1:27:28 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:30 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:32 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:34 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:36 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:38 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:40 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:44 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:46 AM | 0.048% | 690.80 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:48 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:50 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 1:27:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 1:27:54 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:56 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.118% | 501.45 |
| 1/17/2024 | 1:27:58 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:00 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:02 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:04 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:10 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:28:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:14 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:16 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:20 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:24 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:26 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:30 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:32 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:36 AM | 0.006% | 690.50 | 3.318% | 27.75 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 1:28:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:46 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:48 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.118% | 501.45 |
| 1/17/2024 | 1:28:52 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 1:28:54 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 1:28:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:28:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:02 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:04 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:06 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:29:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 1:29:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 1:29:12 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/17/2024 | 1:29:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |
| 1/17/2024 | 1:29:16 AM | 0.048% | 690.80 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 1:29:18 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:20 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:24 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:26 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:28 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:32 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:34 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.113% | 500.29 |
| 1/17/2024 | 1:29:36 AM | 0.006% | 690.50 | -4.023% | 25.79 | -0.113% | 500.29 |
| 1/17/2024 | 1:29:38 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.055% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:29:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 1:29:42 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:44 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:46 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 1:29:48 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 1:29:58 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:00 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:02 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:04 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:06 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:10 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:12 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:14 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:16 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:20 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:22 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:26 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:28 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:30 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:32 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:34 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:36 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:38 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/17/2024 | 1:30:40 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:44 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:46 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:48 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:50 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 1:30:52 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:54 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:30:58 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:00 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:02 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:06 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:31:08 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:10 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:12 AM | 0.006% | 690.50 | 2.990% | 27.66 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:14 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:16 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:18 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:31:20 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:24 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 1:31:28 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 1:31:30 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 1:31:32 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:34 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:36 AM | 0.048% | 690.80 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:38 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:44 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:46 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:52 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:54 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:56 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 1:31:58 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:00 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:02 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:04 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:06 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:12 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:14 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:16 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:18 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:20 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:22 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:26 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:28 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:30 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:32 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:32:36 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:38 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:42 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:44 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:48 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:50 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.003% | 500.87 |
| 1/17/2024 | 1:32:52 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:54 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:56 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 1:32:58 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.113% | 500.29 |
| 1/17/2024 | 1:33:00 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:02 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.113% | 500.29 |
| 1/17/2024 | 1:33:06 AM | 0.048% | 690.80 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:08 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.113% | 500.29 |
| 1/17/2024 | 1:33:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:12 AM | 0.006% | 690.50 | 5.794% | 28.48 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:14 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:16 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:18 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:20 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:22 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:24 AM | 0.006% | 690.50 | 3.572% | 27.82 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:26 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:30 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:32 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:34 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:36 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:40 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:42 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:44 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:46 AM | 0.006% | 690.50 | -3.855% | 25.83 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:48 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:50 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 1:33:52 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 1:33:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:00 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:02 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:34:04 AM | 0.006% | 690.50 | 3.788% | 27.89 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:06 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:08 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:10 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:12 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 1:34:16 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:18 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:20 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 1:34:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 1:34:24 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 1:34:26 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 1:34:28 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.176% | 501.74 |
| 1/17/2024 | 1:34:30 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 1:34:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 1:34:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:36 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:38 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:44 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:46 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:48 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:52 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/17/2024 | 1:34:54 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:56 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 1:34:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:00 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:02 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:04 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:10 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:12 AM | 0.006% | 690.50 | -3.396% | 25.95 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:14 AM | 0.006% | 690.50 | 3.173% | 27.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:35:16 AM | 0.048% | 690.80 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:18 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:20 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:22 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:24 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:30 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:35:32 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:34 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:36 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:40 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:42 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:46 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:48 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/17/2024 | 1:35:50 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.113% | 500.29 |
| 1/17/2024 | 1:35:52 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 1:35:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 1:35:56 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 1:35:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:00 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:02 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:04 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:06 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:10 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:12 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 1:36:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.113% | 500.29 |
| 1/17/2024 | 1:36:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:20 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:22 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.113% | 500.29 |
| 1/17/2024 | 1:36:26 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.113% | 500.29 |
| 1/17/2024 | 1:36:28 AM | 0.006% | 690.50 | -3.148% | 26.01 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:30 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:32 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:34 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:36 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:38 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:40 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:42 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:44 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:46 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:50 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:52 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 1:36:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 1:36:56 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 1:36:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:37:00 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:02 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:04 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:06 AM | 0.006% | 690.50 | 3.246% | 27.73 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:08 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/17/2024 | 1:37:12 AM | 0.006% | 690.50 | 2.881% | 27.63 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:14 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:16 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:18 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:20 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:28 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 1:37:34 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:36 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:38 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:40 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:42 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 1:37:44 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:46 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:48 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:50 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:54 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:56 AM | 0.006% | 690.50 | -3.231% | 25.99 | -0.171% | 500.00 |
| 1/17/2024 | 1:37:58 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:00 AM | 0.006% | 690.50 | -5.041% | 25.54 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:04 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:06 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:08 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:10 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:12 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:14 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:20 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:22 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:24 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/17/2024 | 1:38:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:38:28 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/17/2024 | 1:38:30 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.113% | 500.29 |
| 1/17/2024 | 1:38:32 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.113% | 500.29 |
| 1/17/2024 | 1:38:34 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:36 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:38 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/17/2024 | 1:38:46 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 1:38:48 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/17/2024 | 1:38:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/17/2024 | 1:38:52 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 1:38:58 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:00 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.113% | 500.29 |
| 1/17/2024 | 1:39:02 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 1:39:04 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 1:39:06 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/17/2024 | 1:39:08 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:10 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:14 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:20 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:26 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:28 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:32 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:34 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/17/2024 | 1:39:36 AM | 0.006% | 690.50 | -3.646% | 25.89 | -0.113% | 500.29 |
| 1/17/2024 | 1:39:38 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/17/2024 | 1:39:40 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.113% | 500.29 |
| 1/17/2024 | 1:39:42 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.113% | 500.29 |
| 1/17/2024 | 1:39:44 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/17/2024 | 1:39:46 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:48 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:50 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:52 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 1:39:54 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:39:56 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/17/2024 | 1:39:58 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:04 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:08 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:10 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:12 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 1:40:14 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 1:40:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/17/2024 | 1:40:18 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:22 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:24 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.113% | 500.29 |
| 1/17/2024 | 1:40:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:40:32 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/17/2024 | 1:40:34 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 1:40:36 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 1:40:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:40:40 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:42 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:46 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:48 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/17/2024 | 1:40:50 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/17/2024 | 1:40:52 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.171% | 500.00 |
| 1/17/2024 | 1:40:54 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:56 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/17/2024 | 1:40:58 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 1:41:00 AM | 0.006% | 690.50 | 3.354% | 27.76 | -0.055% | 500.58 |
| 1/17/2024 | 1:41:02 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 1:41:04 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.113% | 500.29 |
| 1/17/2024 | 1:41:06 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.055% | 500.58 |
| 1/17/2024 | 1:41:08 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 1:41:10 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/17/2024 | 1:41:12 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.171% | 500.00 |
| 1/17/2024 | 1:41:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/17/2024 | 1:41:16 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 1:41:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 1:41:20 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/17/2024 | 1:41:22 AM | 0.048% | 690.80 | -1.442% | 26.45 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:41:24 AM | 0.006% | 690.50 | -3.479% | 25.93 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:26 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/17/2024 | 1:41:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 1:41:30 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 1:41:32 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 1:41:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 1:41:36 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 1:41:38 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:40 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:42 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:44 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:46 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:50 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:52 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:54 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:56 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:41:58 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:00 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:04 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:08 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:12 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:14 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:16 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:18 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:20 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 1:42:22 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:28 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 1:42:30 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.113% | 500.29 |
| 1/17/2024 | 1:42:32 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.229% | 499.71 |
| 1/17/2024 | 1:42:34 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.229% | 499.71 |
| 1/17/2024 | 1:42:36 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.229% | 499.71 |
| 1/17/2024 | 1:42:38 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/17/2024 | 1:42:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.229% | 499.71 |
| 1/17/2024 | 1:42:42 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.113% | 500.29 |
| 1/17/2024 | 1:42:44 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/17/2024 | 1:42:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 1:42:48 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.113% | 500.29 |
| 1/17/2024 | 1:42:50 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:42:52 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.113% | 500.29 |
| 1/17/2024 | 1:42:54 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:56 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:42:58 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:00 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:02 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:04 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:06 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.229% | 499.71 |
| 1/17/2024 | 1:43:08 AM | 0.006% | 690.50 | -4.318% | 25.72 | -0.229% | 499.71 |
| 1/17/2024 | 1:43:10 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.229% | 499.71 |
| 1/17/2024 | 1:43:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:14 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:16 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:18 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:24 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:26 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:28 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 1:43:30 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:34 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:40 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:42 AM | 0.006% | 690.50 | 2.660% | 27.56 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/17/2024 | 1:43:46 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.113% | 500.29 |
| 1/17/2024 | 1:43:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:54 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:56 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.055% | 500.58 |
| 1/17/2024 | 1:43:58 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:00 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:02 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:04 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:06 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:08 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:12 AM | 0.006% | 690.50 | -3.231% | 25.99 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:14 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:16 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:18 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:44:20 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:24 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:26 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:30 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:34 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:36 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:38 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:40 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:42 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:44 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:46 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:48 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:50 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:52 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.113% | 500.29 |
| 1/17/2024 | 1:44:54 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/17/2024 | 1:44:56 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 1:44:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:00 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:02 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:10 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:14 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:45:18 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:20 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:22 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:24 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:30 AM | 0.006% | 690.50 | 3.318% | 27.75 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:32 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:34 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:36 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:38 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 1:45:44 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/17/2024 | 1:45:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:45:48 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.113% | 500.29 |
| 1/17/2024 | 1:45:50 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.171% | 500.00 |
| 1/17/2024 | 1:45:52 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.171% | 500.00 |
| 1/17/2024 | 1:45:54 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/17/2024 | 1:45:56 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.171% | 500.00 |
| 1/17/2024 | 1:45:58 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.171% | 500.00 |
| 1/17/2024 | 1:46:00 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:02 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:04 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:08 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:10 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/17/2024 | 1:46:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 1:46:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 1:46:16 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 1:46:18 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:22 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:26 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:28 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:30 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:32 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:34 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:36 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.113% | 500.29 |
| 1/17/2024 | 1:46:38 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:40 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.055% | 500.58 |
| 1/17/2024 | 1:46:42 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:44 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:46 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:48 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:52 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:56 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 1:46:58 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 1:47:00 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 1:47:02 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/17/2024 | 1:47:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 1:47:06 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 1:47:08 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 1:47:10 AM | 0.048% | 690.80 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 1:47:12 AM | 0.048% | 690.80 | 1.280% | 27.18 | -0.171% | 500.00 |
| 1/17/2024 | 1:47:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:47:16 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 1:47:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 1:47:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 1:47:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/17/2024 | 1:47:26 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 1:47:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.176% | 501.74 |
| 1/17/2024 | 1:47:30 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.176% | 501.74 |
| 1/17/2024 | 1:47:32 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 1:47:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.176% | 501.74 |
| 1/17/2024 | 1:47:36 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:38 AM | 0.006% | 690.50 | -4.827% | 25.59 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:40 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:42 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:46 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 1:47:50 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:47:52 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 1:47:54 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 1:47:56 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 1:47:58 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 1:48:00 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:02 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:04 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:06 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:08 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:10 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:12 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:16 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:18 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:20 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:48:22 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 1:48:24 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 1:48:26 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 1:48:28 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 1:48:30 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 1:48:32 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 1:48:34 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.113% | 500.29 |
| 1/17/2024 | 1:48:36 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.113% | 500.29 |
| 1/17/2024 | 1:48:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 1:48:40 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 1:48:42 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:48:44 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 1:48:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 1:48:48 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.113% | 500.29 |
| 1/17/2024 | 1:48:50 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/17/2024 | 1:48:52 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/17/2024 | 1:48:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/17/2024 | 1:48:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.113% | 500.29 |
| 1/17/2024 | 1:48:58 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:00 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:02 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:04 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:06 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:08 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:14 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:16 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 1:49:18 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.060% | 501.16 |
| 1/17/2024 | 1:49:20 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/17/2024 | 1:49:22 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 1:49:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 1:49:26 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:30 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:32 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/17/2024 | 1:49:36 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.055% | 500.58 |
| 1/17/2024 | 1:49:38 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:44 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:46 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:48 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:50 AM | 0.006% | 690.50 | -3.479% | 25.93 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:54 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:49:58 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:02 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:04 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:06 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 1:50:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 1:50:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:50:12 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 1:50:14 AM | 0.006% | 690.50 | 2.328% | 27.47 | -0.171% | 500.00 |
| 1/17/2024 | 1:50:16 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.171% | 500.00 |
| 1/17/2024 | 1:50:18 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.113% | 500.29 |
| 1/17/2024 | 1:50:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 1:50:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/17/2024 | 1:50:24 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 1:50:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 1:50:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 1:50:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:32 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:34 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 1:50:38 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 1:50:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 1:50:42 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 1:50:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 1:50:46 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:50:48 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:50 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:52 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 1:50:54 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.055% | 500.58 |
| 1/17/2024 | 1:50:56 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.113% | 500.29 |
| 1/17/2024 | 1:50:58 AM | 0.048% | 690.80 | -2.819% | 26.09 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:00 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:04 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.113% | 500.29 |
| 1/17/2024 | 1:51:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:12 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.113% | 500.29 |
| 1/17/2024 | 1:51:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:18 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:24 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 1:51:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:28 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:30 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/17/2024 | 1:51:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:34 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/17/2024 | 1:51:36 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/17/2024 | 1:51:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.171% | 500.00 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:51:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.171% | 500.00 |
| 1/17/2024 | 1:51:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/17/2024 | 1:51:48 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:50 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:52 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.113% | 500.29 |
| 1/17/2024 | 1:51:54 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/17/2024 | 1:51:56 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/17/2024 | 1:51:58 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 1:52:00 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 1:52:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.171% | 500.00 |
| 1/17/2024 | 1:52:04 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:06 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:08 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:12 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:14 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:18 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:20 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.113% | 500.29 |
| 1/17/2024 | 1:52:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:24 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:28 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:30 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:32 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:34 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:38 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:42 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:44 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.113% | 500.29 |
| 1/17/2024 | 1:52:48 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:50 AM | 0.048% | 690.80 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 1:52:52 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:54 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:56 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 1:52:58 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 1:53:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:04 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:06 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:53:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 1:53:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 1:53:12 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 1:53:14 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.113% | 500.29 |
| 1/17/2024 | 1:53:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 1:53:18 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.113% | 500.29 |
| 1/17/2024 | 1:53:20 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:22 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:24 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:26 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.118% | 501.45 |
| 1/17/2024 | 1:53:28 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 1:53:30 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 1:53:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 1:53:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.118% | 501.45 |
| 1/17/2024 | 1:53:36 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.176% | 501.74 |
| 1/17/2024 | 1:53:38 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/17/2024 | 1:53:40 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.176% | 501.74 |
| 1/17/2024 | 1:53:42 AM | 0.006% | 690.50 | 3.246% | 27.73 | 0.176% | 501.74 |
| 1/17/2024 | 1:53:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 1:53:46 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:50 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:52 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:56 AM | 0.006% | 690.50 | -4.065% | 25.78 | 0.060% | 501.16 |
| 1/17/2024 | 1:53:58 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:00 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:04 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:10 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:12 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:14 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:16 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:18 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:20 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:22 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:30 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:32 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:34 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:54:36 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:38 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:40 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:44 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:48 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/17/2024 | 1:54:50 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:52 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:54 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 1:54:58 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 1:55:00 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 1:55:02 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.118% | 501.45 |
| 1/17/2024 | 1:55:04 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:06 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:08 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:10 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:12 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:14 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:20 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:22 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:32 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:36 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:42 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:46 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:48 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 1:55:50 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:52 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:54 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 1:55:58 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:00 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:56:04 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:06 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:08 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:12 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:14 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 1:56:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.055% | 500.58 |
| 1/17/2024 | 1:56:18 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.113% | 500.29 |
| 1/17/2024 | 1:56:20 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.055% | 500.58 |
| 1/17/2024 | 1:56:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.113% | 500.29 |
| 1/17/2024 | 1:56:24 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.113% | 500.29 |
| 1/17/2024 | 1:56:26 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 1:56:28 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 1:56:30 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 1:56:32 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:34 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:36 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:40 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:42 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:44 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:48 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:50 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:54 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:56 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 1:56:58 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:02 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:04 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:06 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:08 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:10 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:12 AM | 0.006% | 690.50 | 3.246% | 27.73 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:14 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 1:57:20 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 1:57:22 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.003% | 500.87 |
| 1/17/2024 | 1:57:24 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.003% | 500.87 |
| 1/17/2024 | 1:57:26 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/17/2024 | 1:57:28 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:30 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:57:32 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:34 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:38 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:40 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 1:57:46 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 1:57:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 1:57:50 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 1:57:52 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:57:54 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 1:57:56 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 1:57:58 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 1:58:00 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 1:58:02 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 1:58:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 1:58:06 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 1:58:08 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 1:58:10 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 1:58:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:16 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:18 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:20 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:22 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 1:58:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:30 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:32 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:34 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:36 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:38 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:40 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:42 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:46 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:48 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:50 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:54 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:56 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 1:58:58 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:59:00 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:04 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:06 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:08 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:10 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:14 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.171% | 500.00 |
| 1/17/2024 | 1:59:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/17/2024 | 1:59:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.171% | 500.00 |
| 1/17/2024 | 1:59:20 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 1:59:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/17/2024 | 1:59:24 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:26 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:30 AM | 0.006% | 690.50 | 3.859% | 27.91 | 0.118% | 501.45 |
| 1/17/2024 | 1:59:32 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 1:59:34 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 1:59:36 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.118% | 501.45 |
| 1/17/2024 | 1:59:38 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 1:59:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:42 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:44 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 1:59:46 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 1:59:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 1:59:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 1:59:52 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 1:59:54 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 1:59:56 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.060% | 501.16 |
| 1/17/2024 | 1:59:58 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:00 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:02 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:04 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:08 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:00:10 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:00:12 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 2:00:14 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:16 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:18 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:20 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:22 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:24 AM | 0.048% | 690.80 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:26 AM | 0.048% | 690.80 | -1.044% | 26.55 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:00:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:30 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:36 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:42 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:46 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:50 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:52 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:00:54 AM | 0.048% | 690.80 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:56 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/17/2024 | 2:00:58 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:00 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:06 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:08 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:10 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:12 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:14 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:16 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:18 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:20 AM | 0.048% | 690.80 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:22 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:24 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:30 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:34 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:36 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.118% | 501.45 |
| 1/17/2024 | 2:01:38 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:42 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:46 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:48 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:50 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:52 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:54 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:01:56 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:01:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:00 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.176% | 501.74 |
| 1/17/2024 | 2:02:02 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.176% | 501.74 |
| 1/17/2024 | 2:02:04 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:06 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:08 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:10 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:16 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:18 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:20 AM | 0.048% | 690.80 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:22 AM | 0.048% | 690.80 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:24 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:28 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:30 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:32 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:36 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:38 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 2:02:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 2:02:42 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 2:02:44 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 2:02:46 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/17/2024 | 2:02:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.176% | 501.74 |
| 1/17/2024 | 2:02:50 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 2:02:52 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.176% | 501.74 |
| 1/17/2024 | 2:02:54 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:02:56 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.118% | 501.45 |
| 1/17/2024 | 2:02:58 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:00 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 2:03:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 2:03:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 2:03:06 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:10 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:16 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:22 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:03:24 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:26 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:32 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:34 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.233% | 502.03 |
| 1/17/2024 | 2:03:36 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.233% | 502.03 |
| 1/17/2024 | 2:03:38 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.233% | 502.03 |
| 1/17/2024 | 2:03:40 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:44 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:46 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 2:03:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:54 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:03:58 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:00 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:02 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:04 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:10 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:12 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:16 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:18 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:20 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.233% | 502.03 |
| 1/17/2024 | 2:04:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.233% | 502.03 |
| 1/17/2024 | 2:04:24 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.233% | 502.03 |
| 1/17/2024 | 2:04:26 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:28 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:32 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:34 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:36 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 2:04:40 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:44 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:46 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.176% | 501.74 |
| 1/17/2024 | 2:04:50 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.233% | 502.03 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:04:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.233% | 502.03 |
| 1/17/2024 | 2:04:54 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.233% | 502.03 |
| 1/17/2024 | 2:04:56 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.233% | 502.03 |
| 1/17/2024 | 2:04:58 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:00 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:02 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:04 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:06 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 2:05:10 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 2:05:12 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:14 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:16 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:20 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:22 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:24 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.176% | 501.74 |
| 1/17/2024 | 2:05:26 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.176% | 501.74 |
| 1/17/2024 | 2:05:28 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.176% | 501.74 |
| 1/17/2024 | 2:05:30 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:32 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:34 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.233% | 502.03 |
| 1/17/2024 | 2:05:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:38 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:40 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:42 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:48 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:50 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:52 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:54 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:56 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 2:05:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:04 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:08 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:10 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:12 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:14 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:16 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.176% | 501.74 |
| 1/17/2024 | 2:06:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:06:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:22 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:26 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:28 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:30 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:32 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:06:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:36 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:38 AM | 0.006% | 690.50 | 3.391% | 27.77 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.176% | 501.74 |
| 1/17/2024 | 2:06:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 2:06:46 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/17/2024 | 2:06:48 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 2:06:50 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:52 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:54 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/17/2024 | 2:06:56 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 2:06:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:00 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:02 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:04 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.113% | 500.29 |
| 1/17/2024 | 2:07:06 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/17/2024 | 2:07:08 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.055% | 500.58 |
| 1/17/2024 | 2:07:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:12 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:16 AM | 0.048% | 690.80 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:18 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:20 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:22 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:24 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:30 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:32 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:34 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:36 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:40 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:42 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:46 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:07:48 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:50 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:52 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 2:07:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:07:58 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:04 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:06 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:10 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:12 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:16 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:18 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:20 AM | 0.048% | 690.80 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:22 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:24 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 2:08:26 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:28 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 2:08:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:08:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 2:08:36 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 2:08:38 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:44 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:46 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:52 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:56 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 2:08:58 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:00 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:02 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:04 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:06 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:08 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:10 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:12 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:09:16 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:20 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:22 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 2:09:24 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:26 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:30 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:32 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 2:09:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:36 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:38 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.233% | 502.03 |
| 1/17/2024 | 2:09:40 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.233% | 502.03 |
| 1/17/2024 | 2:09:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:44 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:46 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:50 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:52 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:56 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 2:09:58 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:00 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:02 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:04 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:08 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:10 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:12 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:14 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:16 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:20 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.176% | 501.74 |
| 1/17/2024 | 2:10:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:26 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.118% | 501.45 |
| 1/17/2024 | 2:10:36 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/17/2024 | 2:10:38 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/17/2024 | 2:10:40 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 2:10:42 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:10:44 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:10:46 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:10:48 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 2:10:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:10:52 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 2:10:54 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.060% | 501.16 |
| 1/17/2024 | 2:10:56 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:10:58 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:00 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:02 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:04 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:06 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:08 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:12 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:16 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:18 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:20 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:22 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:24 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:26 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:28 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:32 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:36 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:38 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:40 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:42 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:44 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:46 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:50 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:11:54 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 2:11:58 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:00 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:02 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:04 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:06 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:12:12 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:14 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:18 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:20 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:22 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:26 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:28 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:30 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:32 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.118% | 501.45 |
| 1/17/2024 | 2:12:34 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 2:12:36 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 2:12:38 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:46 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:12:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:12:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:12:52 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:12:54 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 2:12:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:12:58 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:00 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:04 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:06 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:08 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:12 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:14 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:18 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:20 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:13:22 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:24 AM | 0.006% | 690.50 | -5.818% | 25.35 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:26 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:28 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:30 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:34 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:36 AM | 0.048% | 690.80 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:13:40 AM | 0.048% | 690.80 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:42 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:48 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:50 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:52 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:56 AM | 0.048% | 690.80 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 2:13:58 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:02 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 2:14:08 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:14:10 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.118% | 501.45 |
| 1/17/2024 | 2:14:12 AM | 0.048% | 690.80 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 2:14:14 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 2:14:16 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:20 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:24 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:28 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:30 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:34 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:36 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:42 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 2:14:44 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:46 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:50 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:52 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:56 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:14:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:02 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:04 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:06 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:15:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:10 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:14 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:16 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:15:18 AM | 0.048% | 690.80 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:15:20 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/17/2024 | 2:15:22 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:24 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:28 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:30 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:36 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:38 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:40 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:42 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:46 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/17/2024 | 2:15:48 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 2:15:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:15:52 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:54 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:15:58 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:00 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:02 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:04 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:06 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:10 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:12 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:16 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:18 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:20 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:22 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:24 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:26 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:28 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:30 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:32 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:16:36 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 2:16:40 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:44 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:46 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:50 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 2:16:52 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:54 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:56 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 2:16:58 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:00 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:02 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:04 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:08 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:12 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:14 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:16 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:18 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:20 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:22 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:24 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:26 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:28 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:30 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:36 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:38 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:40 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:42 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:46 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:48 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:50 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:52 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:54 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 2:17:56 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 2:17:58 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.118% | 501.45 |
| 1/17/2024 | 2:18:00 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 2:18:02 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:18:04 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:06 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:08 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:12 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:16 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:18 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:20 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 2:18:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:24 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:26 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:28 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:30 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:32 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:34 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:36 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:38 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:44 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:46 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:18:58 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:00 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:02 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:04 AM | 0.006% | 690.50 | 3.391% | 27.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:06 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:08 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:12 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 2:19:16 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 2:19:18 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.060% | 501.16 |
| 1/17/2024 | 2:19:20 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:19:22 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:26 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:30 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:19:32 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:34 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:36 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:38 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:42 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:44 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:48 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.176% | 501.74 |
| 1/17/2024 | 2:19:52 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:56 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 2:19:58 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.118% | 501.45 |
| 1/17/2024 | 2:20:00 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:02 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:04 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:06 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:08 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:12 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:14 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:18 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:20 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:22 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:24 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.176% | 501.74 |
| 1/17/2024 | 2:20:28 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:30 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:32 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:34 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:36 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:38 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:42 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:44 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:46 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:48 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:20:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:52 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:54 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:56 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 2:20:58 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:21:00 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:02 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:04 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:10 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:22 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:24 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:26 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:28 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:30 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:34 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:36 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:21:38 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.118% | 501.45 |
| 1/17/2024 | 2:21:40 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 2:21:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 2:21:44 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.118% | 501.45 |
| 1/17/2024 | 2:21:46 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:21:48 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.176% | 501.74 |
| 1/17/2024 | 2:21:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.176% | 501.74 |
| 1/17/2024 | 2:21:52 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.176% | 501.74 |
| 1/17/2024 | 2:21:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.176% | 501.74 |
| 1/17/2024 | 2:21:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/17/2024 | 2:21:58 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:04 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:08 AM | 0.006% | 690.50 | -3.396% | 25.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:16 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:18 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:20 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:26 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:22:28 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:30 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:32 AM | 0.048% | 690.80 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:34 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 2:22:36 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:40 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:42 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:44 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:46 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:50 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:52 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:54 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:22:56 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.118% | 501.45 |
| 1/17/2024 | 2:22:58 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:00 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:02 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:04 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:06 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:08 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:10 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.113% | 500.29 |
| 1/17/2024 | 2:23:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 2:23:14 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.055% | 500.58 |
| 1/17/2024 | 2:23:16 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:18 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:20 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:22 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:26 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:30 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:34 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:36 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.118% | 501.45 |
| 1/17/2024 | 2:23:38 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:40 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:42 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:44 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:48 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:50 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:52 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:23:54 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:23:56 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:23:58 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:00 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:04 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:12 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:16 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:18 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:20 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:24 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:24:26 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 2:24:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.113% | 500.29 |
| 1/17/2024 | 2:24:30 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/17/2024 | 2:24:32 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 2:24:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/17/2024 | 2:24:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:40 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:42 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:44 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:46 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:50 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:24:54 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.113% | 500.29 |
| 1/17/2024 | 2:24:56 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:24:58 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:00 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:02 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:04 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:12 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:14 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:20 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:22 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:25:24 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:26 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:28 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:30 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:36 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 2:25:38 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:40 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:42 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 2:25:46 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/17/2024 | 2:25:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.171% | 500.00 |
| 1/17/2024 | 2:25:50 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 2:25:52 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/17/2024 | 2:25:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:56 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 2:25:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 2:26:00 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/17/2024 | 2:26:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.055% | 500.58 |
| 1/17/2024 | 2:26:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:06 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:08 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:12 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:14 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:16 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:18 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:20 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:22 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:24 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 2:26:26 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:28 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:30 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:36 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:38 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:40 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:42 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:48 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:50 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:26:52 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:54 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:26:56 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.118% | 501.45 |
| 1/17/2024 | 2:26:58 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 2:27:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.118% | 501.45 |
| 1/17/2024 | 2:27:02 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:06 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:12 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:14 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:16 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:18 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:20 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:22 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:26 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:28 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:30 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 2:27:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 2:27:34 AM | 0.006% | 690.50 | 3.572% | 27.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:27:36 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/17/2024 | 2:27:38 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/17/2024 | 2:27:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/17/2024 | 2:27:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/17/2024 | 2:27:44 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.055% | 500.58 |
| 1/17/2024 | 2:27:46 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:27:48 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:27:50 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:27:52 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:27:54 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 2:27:56 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.118% | 501.45 |
| 1/17/2024 | 2:27:58 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:02 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:04 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:06 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:10 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:12 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:14 AM | 0.006% | 690.50 | 3.209% | 27.72 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:28:20 AM | 0.048% | 690.80 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:22 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:26 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:30 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:32 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:34 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:42 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:28:44 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:46 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:48 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:52 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:54 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 2:28:58 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:00 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:02 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:06 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:08 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:12 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:14 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:16 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:18 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:29:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:22 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:24 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:26 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:32 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:34 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:36 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:38 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:46 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:29:48 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:50 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:52 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:54 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:56 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:29:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:00 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:02 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:04 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:10 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:14 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:16 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:18 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:20 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:22 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.113% | 500.29 |
| 1/17/2024 | 2:30:26 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:28 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/17/2024 | 2:30:30 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:32 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:36 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:40 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:42 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:44 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:46 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:48 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:50 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:30:54 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.113% | 500.29 |
| 1/17/2024 | 2:30:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 2:30:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 2:31:00 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:04 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:08 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:14 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:31:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:20 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:22 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:24 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.113% | 500.29 |
| 1/17/2024 | 2:31:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 2:31:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.113% | 500.29 |
| 1/17/2024 | 2:31:30 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 2:31:32 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 2:31:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.113% | 500.29 |
| 1/17/2024 | 2:31:36 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:38 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:40 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:44 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:46 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:48 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:50 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:52 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:54 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.171% | 500.00 |
| 1/17/2024 | 2:31:58 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:00 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 2:32:02 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 2:32:04 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 2:32:06 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:08 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:10 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:12 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.229% | 499.71 |
| 1/17/2024 | 2:32:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.229% | 499.71 |
| 1/17/2024 | 2:32:16 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.229% | 499.71 |
| 1/17/2024 | 2:32:18 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.229% | 499.71 |
| 1/17/2024 | 2:32:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.229% | 499.71 |
| 1/17/2024 | 2:32:22 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:24 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:26 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:28 AM | 0.048% | 690.80 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:30 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:32 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:34 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:36 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:38 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:40 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:42 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:32:44 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:48 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:50 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.171% | 500.00 |
| 1/17/2024 | 2:32:58 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:00 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:02 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:04 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:06 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:08 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:12 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:16 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:18 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:20 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:22 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:24 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:28 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:30 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/17/2024 | 2:33:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.113% | 500.29 |
| 1/17/2024 | 2:33:34 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:36 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:38 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/17/2024 | 2:33:40 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:33:42 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.003% | 500.87 |
| 1/17/2024 | 2:33:44 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 2:33:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 2:33:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 2:33:50 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 2:33:52 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:56 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.055% | 500.58 |
| 1/17/2024 | 2:33:58 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:02 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.113% | 500.29 |
| 1/17/2024 | 2:34:04 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:10 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.171% | 500.00 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:34:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:14 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:16 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:18 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:20 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:22 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:24 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 2:34:30 AM | 0.048% | 690.80 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:32 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.113% | 500.29 |
| 1/17/2024 | 2:34:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.113% | 500.29 |
| 1/17/2024 | 2:34:36 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:42 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:34:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/17/2024 | 2:34:48 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:34:50 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:34:52 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.055% | 500.58 |
| 1/17/2024 | 2:34:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/17/2024 | 2:35:02 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.171% | 500.00 |
| 1/17/2024 | 2:35:04 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 2:35:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 2:35:08 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:10 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:14 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:16 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:18 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:22 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:24 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:26 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.113% | 500.29 |
| 1/17/2024 | 2:35:30 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 2:35:32 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:34 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:36 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:38 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:35:40 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:46 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:48 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:52 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:54 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:56 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:35:58 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/17/2024 | 2:36:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/17/2024 | 2:36:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/17/2024 | 2:36:04 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.171% | 500.00 |
| 1/17/2024 | 2:36:06 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.171% | 500.00 |
| 1/17/2024 | 2:36:08 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/17/2024 | 2:36:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.113% | 500.29 |
| 1/17/2024 | 2:36:12 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:16 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:18 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.113% | 500.29 |
| 1/17/2024 | 2:36:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.113% | 500.29 |
| 1/17/2024 | 2:36:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:28 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:32 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:34 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:36 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:38 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:42 AM | 0.006% | 690.50 | 3.859% | 27.91 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:44 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:48 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:50 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/17/2024 | 2:36:52 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:56 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 2:36:58 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:02 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:04 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:37:08 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:10 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:12 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:16 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:18 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:20 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:22 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:24 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:28 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:30 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:32 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:38 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:40 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:42 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:44 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:46 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 2:37:48 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.113% | 500.29 |
| 1/17/2024 | 2:37:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:52 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 2:37:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:02 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:04 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:06 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:08 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:10 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:12 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:14 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:16 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:18 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:20 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 2:38:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 2:38:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |
| 1/17/2024 | 2:38:30 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.118% | 501.45 |
| 1/17/2024 | 2:38:32 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:38:34 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:38:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 2:38:38 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 2:38:40 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.113% | 500.29 |
| 1/17/2024 | 2:38:42 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.113% | 500.29 |
| 1/17/2024 | 2:38:44 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.171% | 500.00 |
| 1/17/2024 | 2:38:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.171% | 500.00 |
| 1/17/2024 | 2:38:48 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/17/2024 | 2:38:50 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/17/2024 | 2:38:52 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:54 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 2:38:56 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.171% | 500.00 |
| 1/17/2024 | 2:38:58 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:00 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:02 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:04 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:06 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:39:10 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 2:39:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:39:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 2:39:16 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 2:39:18 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:39:20 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:39:22 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 2:39:24 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:26 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:28 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:30 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:32 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:34 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:36 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 2:39:40 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:50 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:52 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:56 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:39:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:00 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:02 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.113% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:40:04 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:06 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:10 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:12 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:14 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:30 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:34 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:36 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.003% | 500.87 |
| 1/17/2024 | 2:40:38 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:40:40 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 2:40:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:40:44 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:40:46 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:40:48 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:52 AM | 0.006% | 690.50 | 4.253% | 28.02 | -0.113% | 500.29 |
| 1/17/2024 | 2:40:54 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 2:40:58 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:00 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:08 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:10 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 2:41:12 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:41:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:41:16 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 2:41:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:20 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:22 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:24 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:26 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:30 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:41:32 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:34 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:36 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/17/2024 | 2:41:38 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.171% | 500.00 |
| 1/17/2024 | 2:41:40 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 2:41:42 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.171% | 500.00 |
| 1/17/2024 | 2:41:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 2:41:46 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/17/2024 | 2:41:48 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.113% | 500.29 |
| 1/17/2024 | 2:41:50 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.055% | 500.58 |
| 1/17/2024 | 2:41:52 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.113% | 500.29 |
| 1/17/2024 | 2:41:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.113% | 500.29 |
| 1/17/2024 | 2:41:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:41:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:00 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:02 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:04 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:06 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:08 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:10 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:12 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:16 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 2:42:22 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.171% | 500.00 |
| 1/17/2024 | 2:42:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.171% | 500.00 |
| 1/17/2024 | 2:42:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 2:42:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:30 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:32 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:34 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:38 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:40 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.113% | 500.29 |
| 1/17/2024 | 2:42:42 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:44 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:46 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:42:48 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.113% | 500.29 |
| 1/17/2024 | 2:42:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:52 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:56 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:42:58 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.055% | 500.58 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:43:00 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:06 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:08 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:12 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:14 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:16 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:20 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:43:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/17/2024 | 2:43:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.113% | 500.29 |
| 1/17/2024 | 2:43:28 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:30 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:32 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:34 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:42 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.113% | 500.29 |
| 1/17/2024 | 2:43:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.113% | 500.29 |
| 1/17/2024 | 2:43:48 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:50 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.113% | 500.29 |
| 1/17/2024 | 2:43:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:54 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:56 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:43:58 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.113% | 500.29 |
| 1/17/2024 | 2:44:00 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:02 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:04 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:08 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:10 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:12 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:14 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.113% | 500.29 |
| 1/17/2024 | 2:44:16 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:18 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:20 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:22 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:24 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:26 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:44:28 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:30 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:32 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:34 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:36 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/17/2024 | 2:44:40 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.171% | 500.00 |
| 1/17/2024 | 2:44:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/17/2024 | 2:44:44 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.171% | 500.00 |
| 1/17/2024 | 2:44:46 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.171% | 500.00 |
| 1/17/2024 | 2:44:48 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.113% | 500.29 |
| 1/17/2024 | 2:44:50 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.055% | 500.58 |
| 1/17/2024 | 2:44:52 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 2:44:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:00 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:02 AM | 0.006% | 690.50 | 3.209% | 27.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:04 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:06 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:12 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:14 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:16 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.113% | 500.29 |
| 1/17/2024 | 2:45:18 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:24 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:26 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.113% | 500.29 |
| 1/17/2024 | 2:45:30 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.113% | 500.29 |
| 1/17/2024 | 2:45:32 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 2:45:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:38 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:42 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.003% | 500.87 |
| 1/17/2024 | 2:45:46 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 2:45:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.171% | 500.00 |
| 1/17/2024 | 2:45:50 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 2:45:52 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.171% | 500.00 |
| 1/17/2024 | 2:45:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.171% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:45:56 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.171% | 500.00 |
| 1/17/2024 | 2:45:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 2:46:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.171% | 500.00 |
| 1/17/2024 | 2:46:02 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.171% | 500.00 |
| 1/17/2024 | 2:46:04 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.171% | 500.00 |
| 1/17/2024 | 2:46:06 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.171% | 500.00 |
| 1/17/2024 | 2:46:08 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:12 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.113% | 500.29 |
| 1/17/2024 | 2:46:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:20 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:22 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:24 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:26 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:30 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:32 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:34 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:36 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:40 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:42 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:44 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:46 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:48 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:50 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 2:46:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.055% | 500.58 |
| 1/17/2024 | 2:46:58 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:00 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:02 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:04 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:08 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:12 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:14 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:16 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:18 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:20 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.113% | 500.29 |
| 1/17/2024 | 2:47:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:47:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.113% | 500.29 |
| 1/17/2024 | 2:47:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.113% | 500.29 |
| 1/17/2024 | 2:47:28 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:30 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:32 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:34 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:36 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:38 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:40 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:42 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:44 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:48 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 2:47:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:52 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.113% | 500.29 |
| 1/17/2024 | 2:47:54 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.113% | 500.29 |
| 1/17/2024 | 2:47:56 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 2:47:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.055% | 500.58 |
| 1/17/2024 | 2:48:00 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:48:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.003% | 500.87 |
| 1/17/2024 | 2:48:04 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:08 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:10 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.176% | 501.74 |
| 1/17/2024 | 2:48:12 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.176% | 501.74 |
| 1/17/2024 | 2:48:14 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.176% | 501.74 |
| 1/17/2024 | 2:48:16 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:18 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:28 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:30 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:32 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:34 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:36 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:38 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:40 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:44 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:46 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:48 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |

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| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:48:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 2:48:54 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:56 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.118% | 501.45 |
| 1/17/2024 | 2:48:58 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:49:00 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:49:02 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.118% | 501.45 |
| 1/17/2024 | 2:49:04 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.118% | 501.45 |
| 1/17/2024 | 2:49:06 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:08 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:10 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:12 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:14 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:16 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:18 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:22 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:24 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:26 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:28 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:32 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:34 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:40 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:42 AM | 0.048% | 690.80 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:44 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:46 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:48 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:49:50 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 2:49:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.003% | 500.87 |
| 1/17/2024 | 2:49:54 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 2:49:56 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 2:49:58 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:50:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:02 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:04 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:06 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:08 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:10 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:12 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 2:50:14 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 2:50:16 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.118% | 501.45 |
| 1/17/2024 | 2:50:18 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:50:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 2:50:22 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:50:24 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.118% | 501.45 |
| 1/17/2024 | 2:50:26 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:28 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:32 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:36 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:46 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:48 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:52 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:56 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:50:58 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:00 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:04 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:06 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:08 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:14 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:20 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:22 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:24 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:26 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:30 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 2:51:32 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:34 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:36 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 2:51:38 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:44 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:46 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.176% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:51:48 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:50 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:52 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:54 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:56 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.176% | 501.74 |
| 1/17/2024 | 2:51:58 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:00 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:02 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:04 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:08 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:14 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:18 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:20 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:22 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:24 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:26 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:30 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:32 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:34 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.176% | 501.74 |
| 1/17/2024 | 2:52:36 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:38 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:40 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.118% | 501.45 |
| 1/17/2024 | 2:52:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:52:44 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 2:52:46 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:52:48 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.060% | 501.16 |
| 1/17/2024 | 2:52:50 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 2:52:52 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 2:52:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 2:52:56 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.003% | 500.87 |
| 1/17/2024 | 2:52:58 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:53:00 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 2:53:02 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:04 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:06 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:08 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:10 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:53:12 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.003% | 500.87 |
| 1/17/2024 | 2:53:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:53:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 2:53:18 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/17/2024 | 2:53:20 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.055% | 500.58 |
| 1/17/2024 | 2:53:22 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 2:53:24 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.171% | 500.00 |
| 1/17/2024 | 2:53:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 2:53:28 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.055% | 500.58 |
| 1/17/2024 | 2:53:30 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:34 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 2:53:36 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:40 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:42 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:44 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:46 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:48 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:50 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:52 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:54 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:56 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/17/2024 | 2:53:58 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:00 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:02 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:04 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:54:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 2:54:08 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 2:54:10 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:12 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:14 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:16 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:20 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:22 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:24 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:28 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:30 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 2:54:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:36 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:38 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:40 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:42 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.060% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:54:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:48 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:50 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 2:54:52 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.003% | 500.87 |
| 1/17/2024 | 2:54:54 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 2:54:56 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 2:54:58 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:02 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:04 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:06 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:08 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:10 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:12 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:16 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:18 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:20 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:22 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:24 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:28 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:30 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:32 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:34 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 2:55:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/17/2024 | 2:55:42 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:55:44 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 2:55:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 2:55:48 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:50 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:52 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:54 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.118% | 501.45 |
| 1/17/2024 | 2:55:58 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:00 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:02 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:04 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:06 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:56:12 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:14 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:18 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:20 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:22 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:28 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 2:56:30 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 2:56:32 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 2:56:34 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:56:36 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:38 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:40 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 2:56:44 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:48 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:52 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.118% | 501.45 |
| 1/17/2024 | 2:56:58 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:00 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:02 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:04 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:08 AM | 0.006% | 690.50 | 2.990% | 27.66 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:10 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:12 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:14 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:16 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:18 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:20 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:22 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:26 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:28 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:30 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:32 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:36 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:38 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.118% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:57:40 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.118% | 501.45 |
| 1/17/2024 | 2:57:42 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:44 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:48 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.003% | 500.87 |
| 1/17/2024 | 2:57:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 2:57:52 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 2:57:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 2:57:56 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 2:57:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:00 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:02 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:04 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:06 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:08 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:16 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:18 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:20 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:22 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:24 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:30 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:32 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:36 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:38 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 2:58:40 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:42 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:44 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:48 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 2:58:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:54 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:56 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 2:58:58 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:00 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:02 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:04 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:06 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:59:08 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 2:59:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:59:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 2:59:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 2:59:22 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 2:59:24 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.060% | 501.16 |
| 1/17/2024 | 2:59:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:28 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:30 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:34 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.113% | 500.29 |
| 1/17/2024 | 2:59:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:42 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:44 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:46 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:48 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:50 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/17/2024 | 2:59:52 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:54 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 2:59:58 AM | 0.006% | 690.50 | 3.209% | 27.72 | 0.003% | 500.87 |
| 1/17/2024 | 3:00:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 3:00:02 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.113% | 500.29 |
| 1/17/2024 | 3:00:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:08 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.113% | 500.29 |
| 1/17/2024 | 3:00:16 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.113% | 500.29 |
| 1/17/2024 | 3:00:18 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 3:00:20 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 3:00:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 3:00:24 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 3:00:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.060% | 501.16 |
| 1/17/2024 | 3:00:28 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.060% | 501.16 |
| 1/17/2024 | 3:00:30 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 3:00:32 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 3:00:34 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:00:36 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:38 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 3:00:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:48 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:50 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:52 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:54 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.171% | 500.00 |
| 1/17/2024 | 3:00:58 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:02 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:06 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:12 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:16 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:20 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:22 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:24 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:28 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.113% | 500.29 |
| 1/17/2024 | 3:01:30 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.113% | 500.29 |
| 1/17/2024 | 3:01:34 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:36 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.113% | 500.29 |
| 1/17/2024 | 3:01:38 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.113% | 500.29 |
| 1/17/2024 | 3:01:40 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 3:01:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 3:01:44 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 3:01:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 3:01:48 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 3:01:50 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.113% | 500.29 |
| 1/17/2024 | 3:01:52 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:54 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.171% | 500.00 |
| 1/17/2024 | 3:01:58 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.171% | 500.00 |
| 1/17/2024 | 3:02:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.171% | 500.00 |
| 1/17/2024 | 3:02:02 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:02:04 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.113% | 500.29 |
| 1/17/2024 | 3:02:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/17/2024 | 3:02:08 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:10 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:12 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:14 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:16 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:18 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:20 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:22 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:26 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:28 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:30 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.113% | 500.29 |
| 1/17/2024 | 3:02:34 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:36 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:40 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:42 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:44 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:46 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.055% | 500.58 |
| 1/17/2024 | 3:02:48 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:50 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:54 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 3:02:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:00 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:02 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:04 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:06 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:10 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:12 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:14 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 3:03:16 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.060% | 501.16 |
| 1/17/2024 | 3:03:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.060% | 501.16 |
| 1/17/2024 | 3:03:20 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.060% | 501.16 |
| 1/17/2024 | 3:03:22 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:24 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:26 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:28 AM | 0.006% | 690.50 | 2.513% | 27.52 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:30 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.055% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:03:32 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:34 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:36 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.171% | 500.00 |
| 1/17/2024 | 3:03:38 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.171% | 500.00 |
| 1/17/2024 | 3:03:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.171% | 500.00 |
| 1/17/2024 | 3:03:42 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.171% | 500.00 |
| 1/17/2024 | 3:03:44 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:48 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/17/2024 | 3:03:50 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.055% | 500.58 |
| 1/17/2024 | 3:03:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.060% | 501.16 |
| 1/17/2024 | 3:03:54 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 3:03:56 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 3:03:58 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:00 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:02 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:06 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:08 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:10 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:12 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:14 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:16 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.113% | 500.29 |
| 1/17/2024 | 3:04:18 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/17/2024 | 3:04:20 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:22 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.113% | 500.29 |
| 1/17/2024 | 3:04:26 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.113% | 500.29 |
| 1/17/2024 | 3:04:28 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.055% | 500.58 |
| 1/17/2024 | 3:04:32 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:36 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.118% | 501.45 |
| 1/17/2024 | 3:04:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.118% | 501.45 |
| 1/17/2024 | 3:04:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.118% | 501.45 |
| 1/17/2024 | 3:04:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:46 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 3:04:50 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:54 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:56 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 3:04:58 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:05:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:02 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.118% | 501.45 |
| 1/17/2024 | 3:05:06 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.118% | 501.45 |
| 1/17/2024 | 3:05:08 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:10 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:12 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:14 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:16 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:18 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:20 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:22 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:24 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:30 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:32 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:36 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:38 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:42 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:44 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:46 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:50 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.060% | 501.16 |
| 1/17/2024 | 3:05:54 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:56 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 3:05:58 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:00 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:04 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:06 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:08 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.055% | 500.58 |
| 1/17/2024 | 3:06:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 3:06:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.055% | 500.58 |
| 1/17/2024 | 3:06:16 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:18 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:20 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:22 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:24 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:26 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.060% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 3:06:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:30 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:32 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:34 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:36 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:38 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 3:06:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:50 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:52 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:54 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:56 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 3:06:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 3:07:00 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.060% | 501.16 |
| 1/17/2024 | 3:07:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:04 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:06 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:08 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:10 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:12 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:14 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:18 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:22 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:24 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:26 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:28 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:30 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |
| 1/17/2024 | 3:07:32 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.060% | 501.16 |
| 1/17/2024 | 3:07:34 AM | 0.006% | 690.50 | 4.074% | 27.97 | 0.060% | 501.16 |
| 1/17/2024 | 3:07:36 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.060% | 501.16 |
| 1/17/2024 | 3:07:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:42 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:46 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:48 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:07:56 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.003% | 500.87 |
| 1/17/2024 | 3:07:58 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:02 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:04 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:10 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:14 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.055% | 500.58 |
| 1/17/2024 | 3:08:16 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.113% | 500.29 |
| 1/17/2024 | 3:08:18 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.055% | 500.58 |
| 1/17/2024 | 3:08:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.060% | 501.16 |
| 1/17/2024 | 3:08:22 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.233% | 502.03 |
| 1/17/2024 | 3:08:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.233% | 502.03 |
| 1/17/2024 | 3:08:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.233% | 502.03 |
| 1/17/2024 | 3:08:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:34 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:36 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.060% | 501.16 |
| 1/17/2024 | 3:08:38 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 3:08:40 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 3:08:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 3:08:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:50 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 3:08:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:56 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.118% | 501.45 |
| 1/17/2024 | 3:08:58 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.118% | 501.45 |
| 1/17/2024 | 3:09:00 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.118% | 501.45 |
| 1/17/2024 | 3:09:02 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.118% | 501.45 |
| 1/17/2024 | 3:09:04 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:06 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:08 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:12 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:14 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.060% | 501.16 |
| 1/17/2024 | 3:09:16 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 3:09:18 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 3:09:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:09:24 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:26 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.171% | 500.00 |
| 1/17/2024 | 3:09:28 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.171% | 500.00 |
| 1/17/2024 | 3:09:30 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.171% | 500.00 |
| 1/17/2024 | 3:09:32 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.171% | 500.00 |
| 1/17/2024 | 3:09:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.171% | 500.00 |
| 1/17/2024 | 3:09:36 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:44 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:46 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:48 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.003% | 500.87 |
| 1/17/2024 | 3:09:52 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.060% | 501.16 |
| 1/17/2024 | 3:09:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 3:09:56 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.060% | 501.16 |
| 1/17/2024 | 3:09:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:00 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:02 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:04 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:06 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:08 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:12 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:14 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:16 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 3:10:20 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.113% | 500.29 |
| 1/17/2024 | 3:10:22 AM | 0.006% | 690.50 | 3.499% | 27.80 | -0.113% | 500.29 |
| 1/17/2024 | 3:10:24 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:28 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:30 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:32 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.055% | 500.58 |
| 1/17/2024 | 3:10:34 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.055% | 500.58 |
| 1/17/2024 | 3:10:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 3:10:38 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.055% | 500.58 |
| 1/17/2024 | 3:10:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:44 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:46 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 3:10:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 3:10:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:54 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.003% | 500.87 |
| 1/17/2024 | 3:10:58 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:00 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:02 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:04 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:06 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:14 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:16 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:18 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:22 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:24 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:26 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:30 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:32 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:36 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:38 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:44 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:48 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:50 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 3:11:52 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:54 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:56 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 3:11:58 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:00 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:02 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:04 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:06 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:10 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:12 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:16 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.060% | 501.16 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:12:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:22 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.060% | 501.16 |
| 1/17/2024 | 3:12:24 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:26 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:28 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:32 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:34 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:38 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:40 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:42 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:54 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:56 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.003% | 500.87 |
| 1/17/2024 | 3:12:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.113% | 500.29 |
| 1/17/2024 | 3:13:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.055% | 500.58 |
| 1/17/2024 | 3:13:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.055% | 500.58 |
| 1/17/2024 | 3:13:06 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:08 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:12 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:16 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:18 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:20 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:24 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:28 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:30 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:32 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:36 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.003% | 500.87 |
| 1/17/2024 | 3:13:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:42 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:44 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:46 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.118% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:13:48 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.118% | 501.45 |
| 1/17/2024 | 3:13:50 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:52 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:54 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:56 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.060% | 501.16 |
| 1/17/2024 | 3:13:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:00 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:02 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:04 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:06 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.003% | 500.87 |
| 1/17/2024 | 3:14:12 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.003% | 500.87 |
| 1/17/2024 | 3:14:14 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:18 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:20 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:22 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:24 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:26 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:28 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.118% | 501.45 |
| 1/17/2024 | 3:14:30 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.118% | 501.45 |
| 1/17/2024 | 3:14:32 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.118% | 501.45 |
| 1/17/2024 | 3:14:34 AM | 0.006% | 690.50 | 3.209% | 27.72 | 0.118% | 501.45 |
| 1/17/2024 | 3:14:36 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:38 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.060% | 501.16 |
| 1/17/2024 | 3:14:40 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.055% | 500.58 |
| 1/17/2024 | 3:14:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.055% | 500.58 |
| 1/17/2024 | 3:14:44 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.113% | 500.29 |
| 1/17/2024 | 3:14:46 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.113% | 500.29 |
| 1/17/2024 | 3:14:48 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.055% | 500.58 |
| 1/17/2024 | 3:14:50 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.055% | 500.58 |
| 1/17/2024 | 3:14:52 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.055% | 500.58 |
| 1/17/2024 | 3:14:54 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.055% | 500.58 |
| 1/17/2024 | 3:14:56 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.003% | 500.87 |
| 1/17/2024 | 3:14:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.003% | 500.87 |
| 1/17/2024 | 3:15:00 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.003% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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G.2 RESGISTRO DE MEDICIONES DE LA UNIDAD 2 DURANTE LA PRUEBA

| DESVIACION CON RESPECTO AL VALOR PROMEDIO | | -0.0000028907827% | 3.43% | -0.023% | 10.57% | -0.000127% | -0.13% |
|---|-------------|---|--------------------------|---|-------------------|--|--|
| PROMEDIO | | | 690.46 | | 26.83 | | 500.66 |
| Fecha | Hora | Variación de la Presión de pique con respecto al promedio | Presión de Pique [m.c.a] | Variación del caudal con respecto al promedio | Caudal Neto m3/sg | Variación de la velocidad de rotación con respecto al promedio | Velocidad de rotación turbogenerador [rpm] |
| 1/16/2024 | 10:15:00 PM | 0.048% | 690.80 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:02 PM | 0.048% | 690.80 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:04 PM | 0.048% | 690.80 | -0.140% | 26.79 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:15:06 PM | 0.048% | 690.80 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:08 PM | 0.048% | 690.80 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:10 PM | 0.048% | 690.80 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:12 PM | 0.048% | 690.80 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:14 PM | 0.048% | 690.80 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:16 PM | 0.048% | 690.80 | 2.954% | 27.65 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:18 PM | 0.048% | 690.80 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:20 PM | 0.048% | 690.80 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:22 PM | 0.048% | 690.80 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:24 PM | 0.048% | 690.80 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:26 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:28 PM | 0.048% | 690.80 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:15:30 PM | 0.048% | 690.80 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:32 PM | 0.048% | 690.80 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:34 PM | 0.048% | 690.80 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:36 PM | 0.048% | 690.80 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 10:15:38 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/16/2024 | 10:15:40 PM | 0.048% | 690.80 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/16/2024 | 10:15:42 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/16/2024 | 10:15:44 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 10:15:46 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 10:15:48 PM | 0.048% | 690.80 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:50 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:52 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:54 PM | 0.048% | 690.80 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:56 PM | 0.048% | 690.80 | 3.173% | 27.71 | -0.073% | 500.29 |
| 1/16/2024 | 10:15:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:00 PM | 0.048% | 690.80 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:02 PM | 0.048% | 690.80 | 2.697% | 27.57 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:04 PM | 0.048% | 690.80 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 10:16:06 PM | 0.048% | 690.80 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/16/2024 | 10:16:08 PM | 0.048% | 690.80 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 10:16:10 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/16/2024 | 10:16:12 PM | 0.048% | 690.80 | 1.882% | 27.34 | -0.189% | 499.71 |
| 1/16/2024 | 10:16:14 PM | 0.048% | 690.80 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/16/2024 | 10:16:16 PM | 0.048% | 690.80 | 1.732% | 27.30 | -0.131% | 500.00 |
| 1/16/2024 | 10:16:18 PM | 0.048% | 690.80 | 0.015% | 26.83 | -0.131% | 500.00 |
| 1/16/2024 | 10:16:20 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.131% | 500.00 |
| 1/16/2024 | 10:16:22 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:24 PM | 0.048% | 690.80 | 3.499% | 27.80 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:26 PM | 0.048% | 690.80 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:28 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:30 PM | 0.048% | 690.80 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:32 PM | 0.048% | 690.80 | -1.242% | 26.50 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:16:34 PM | 0.048% | 690.80 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:36 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:38 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:40 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:42 PM | 0.048% | 690.80 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:44 PM | 0.048% | 690.80 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:46 PM | 0.048% | 690.80 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:48 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/16/2024 | 10:16:50 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:16:52 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:16:54 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/16/2024 | 10:16:56 PM | 0.048% | 690.80 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 10:16:58 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:00 PM | 0.048% | 690.80 | 1.544% | 27.25 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:02 PM | 0.048% | 690.80 | -1.964% | 26.31 | -0.189% | 499.71 |
| 1/16/2024 | 10:17:04 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.189% | 499.71 |
| 1/16/2024 | 10:17:06 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 10:17:08 PM | 0.048% | 690.80 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:10 PM | 0.048% | 690.80 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:12 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:14 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:16 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:18 PM | 0.048% | 690.80 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:20 PM | 0.048% | 690.80 | -2.247% | 26.24 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:22 PM | 0.048% | 690.80 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:24 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:26 PM | 0.048% | 690.80 | -0.570% | 26.68 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:28 PM | 0.048% | 690.80 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:30 PM | 0.048% | 690.80 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:32 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 10:17:34 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:36 PM | 0.048% | 690.80 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:38 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:40 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:42 PM | 0.048% | 690.80 | -3.189% | 26.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:44 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:46 PM | 0.048% | 690.80 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:48 PM | 0.048% | 690.80 | -4.614% | 25.65 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:50 PM | 0.048% | 690.80 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:52 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:54 PM | 0.048% | 690.80 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:56 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 10:17:58 PM | 0.048% | 690.80 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 10:18:00 PM | 0.048% | 690.80 | 1.280% | 27.18 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:18:02 PM | 0.048% | 690.80 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 10:18:04 PM | 0.048% | 690.80 | 4.074% | 27.97 | -0.131% | 500.00 |
| 1/16/2024 | 10:18:06 PM | 0.048% | 690.80 | -1.722% | 26.38 | -0.189% | 499.71 |
| 1/16/2024 | 10:18:08 PM | 0.048% | 690.80 | 2.954% | 27.65 | -0.131% | 500.00 |
| 1/16/2024 | 10:18:10 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/16/2024 | 10:18:12 PM | 0.048% | 690.80 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:14 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:16 PM | 0.048% | 690.80 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:18 PM | 0.048% | 690.80 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:20 PM | 0.048% | 690.80 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:22 PM | 0.048% | 690.80 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:24 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:26 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:28 PM | 0.048% | 690.80 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:30 PM | 0.048% | 690.80 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:32 PM | 0.048% | 690.80 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:34 PM | 0.048% | 690.80 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:36 PM | 0.048% | 690.80 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/16/2024 | 10:18:38 PM | 0.048% | 690.80 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 10:18:40 PM | 0.048% | 690.80 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:18:42 PM | 0.048% | 690.80 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:44 PM | 0.048% | 690.80 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:46 PM | 0.048% | 690.80 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:48 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:50 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:52 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:54 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:56 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 10:18:58 PM | 0.048% | 690.80 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 10:19:00 PM | 0.048% | 690.80 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:19:02 PM | 0.048% | 690.80 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:19:04 PM | 0.048% | 690.80 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:06 PM | 0.048% | 690.80 | -2.736% | 26.11 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:08 PM | 0.048% | 690.80 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:10 PM | 0.048% | 690.80 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:12 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:14 PM | 0.048% | 690.80 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:16 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:18 PM | 0.048% | 690.80 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:20 PM | 0.048% | 690.80 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/16/2024 | 10:19:22 PM | 0.048% | 690.80 | -3.231% | 25.99 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:24 PM | 0.048% | 690.80 | -2.207% | 26.25 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:26 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:28 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:19:30 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:32 PM | 0.048% | 690.80 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:34 PM | 0.048% | 690.80 | 3.354% | 27.76 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:36 PM | 0.048% | 690.80 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:38 PM | 0.048% | 690.80 | 4.039% | 27.96 | -0.131% | 500.00 |
| 1/16/2024 | 10:19:40 PM | 0.048% | 690.80 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:19:42 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/16/2024 | 10:19:44 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/16/2024 | 10:19:46 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/16/2024 | 10:19:48 PM | 0.006% | 690.50 | 3.608% | 27.83 | 0.042% | 500.87 |
| 1/16/2024 | 10:19:50 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 10:19:52 PM | 0.048% | 690.80 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/16/2024 | 10:19:54 PM | 0.048% | 690.80 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/16/2024 | 10:19:56 PM | 0.048% | 690.80 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/16/2024 | 10:19:58 PM | 0.048% | 690.80 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:00 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:02 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:04 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:06 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:08 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:10 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:12 PM | 0.048% | 690.80 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:14 PM | 0.048% | 690.80 | -2.328% | 26.22 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:16 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:18 PM | 0.048% | 690.80 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:20 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:22 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:24 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:26 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:28 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:30 PM | 0.048% | 690.80 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:32 PM | 0.048% | 690.80 | 3.608% | 27.83 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:34 PM | 0.048% | 690.80 | 3.499% | 27.80 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:36 PM | 0.048% | 690.80 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:38 PM | 0.048% | 690.80 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 10:20:40 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:42 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:44 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:46 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:48 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:50 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:52 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:54 PM | 0.006% | 690.50 | 4.039% | 27.96 | 0.042% | 500.87 |
| 1/16/2024 | 10:20:56 PM | 0.048% | 690.80 | -2.819% | 26.09 | 0.042% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:20:58 PM | 0.048% | 690.80 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:00 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:02 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:04 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:06 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:10 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:12 PM | 0.048% | 690.80 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:14 PM | 0.048% | 690.80 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:16 PM | 0.048% | 690.80 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:18 PM | 0.048% | 690.80 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:20 PM | 0.048% | 690.80 | 2.990% | 27.66 | 0.042% | 500.87 |
| 1/16/2024 | 10:21:22 PM | 0.048% | 690.80 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/16/2024 | 10:21:24 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 10:21:26 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/16/2024 | 10:21:28 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/16/2024 | 10:21:30 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 10:21:32 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/16/2024 | 10:21:34 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:21:36 PM | 0.048% | 690.80 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:21:38 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:21:40 PM | 0.006% | 690.50 | -3.065% | 26.03 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:42 PM | 0.048% | 690.80 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:44 PM | 0.048% | 690.80 | 4.994% | 28.24 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:46 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:48 PM | 0.048% | 690.80 | 2.624% | 27.55 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:50 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:52 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:54 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:56 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.100% | 501.16 |
| 1/16/2024 | 10:21:58 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/16/2024 | 10:22:00 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/16/2024 | 10:22:02 PM | 0.006% | 690.50 | 4.819% | 28.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:04 PM | 0.048% | 690.80 | 3.427% | 27.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:06 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:08 PM | 0.048% | 690.80 | -2.983% | 26.05 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:10 PM | 0.006% | 690.50 | 3.063% | 27.68 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:12 PM | 0.048% | 690.80 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:14 PM | 0.048% | 690.80 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:16 PM | 0.048% | 690.80 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:18 PM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:20 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:22 PM | 0.048% | 690.80 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:22:24 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:22:26 PM | 0.048% | 690.80 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:28 PM | 0.048% | 690.80 | 2.217% | 27.44 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:30 PM | 0.048% | 690.80 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:32 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:34 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:36 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:38 PM | 0.048% | 690.80 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:40 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:42 PM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:44 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:46 PM | 0.048% | 690.80 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:48 PM | 0.048% | 690.80 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:50 PM | 0.006% | 690.50 | 4.854% | 28.20 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:52 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:54 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 10:22:56 PM | 0.048% | 690.80 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/16/2024 | 10:22:58 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:00 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:02 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:04 PM | 0.048% | 690.80 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:06 PM | 0.048% | 690.80 | -2.166% | 26.26 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:08 PM | 0.048% | 690.80 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/16/2024 | 10:23:10 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/16/2024 | 10:23:12 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/16/2024 | 10:23:14 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/16/2024 | 10:23:16 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/16/2024 | 10:23:18 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:20 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:22 PM | 0.048% | 690.80 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/16/2024 | 10:23:24 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/16/2024 | 10:23:26 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:23:28 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:30 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:32 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:34 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:36 PM | 0.048% | 690.80 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:38 PM | 0.048% | 690.80 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:40 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:42 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/16/2024 | 10:23:44 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/16/2024 | 10:23:46 PM | 0.048% | 690.80 | -3.604% | 25.90 | -0.015% | 500.58 |
| 1/16/2024 | 10:23:48 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:50 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:52 PM | 0.048% | 690.80 | -1.762% | 26.36 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:23:54 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:56 PM | 0.048% | 690.80 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/16/2024 | 10:23:58 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:00 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:04 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:06 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:08 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:10 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:12 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:14 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:16 PM | 0.048% | 690.80 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:18 PM | 0.048% | 690.80 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:20 PM | 0.048% | 690.80 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:22 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/16/2024 | 10:24:24 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/16/2024 | 10:24:26 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/16/2024 | 10:24:28 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:30 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 10:24:32 PM | 0.006% | 690.50 | 2.254% | 27.45 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:34 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:36 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:38 PM | 0.006% | 690.50 | -3.855% | 25.83 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:40 PM | 0.006% | 690.50 | -2.860% | 26.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:42 PM | 0.006% | 690.50 | 3.967% | 27.94 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:44 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:46 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 10:24:48 PM | 0.006% | 690.50 | 2.881% | 27.63 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:50 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:52 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:54 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:56 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/16/2024 | 10:24:58 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/16/2024 | 10:25:00 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/16/2024 | 10:25:02 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:04 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:06 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:08 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:10 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:12 PM | 0.048% | 690.80 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:14 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:16 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:18 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 10:25:20 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.189% | 499.71 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:25:22 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.189% | 499.71 |
| 1/16/2024 | 10:25:24 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.189% | 499.71 |
| 1/16/2024 | 10:25:26 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:28 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:30 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:32 PM | 0.006% | 690.50 | 2.660% | 27.56 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:34 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:36 PM | 0.048% | 690.80 | 3.173% | 27.71 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:38 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:40 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:42 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/16/2024 | 10:25:44 PM | 0.006% | 690.50 | 3.173% | 27.71 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:46 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:48 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:50 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.073% | 500.29 |
| 1/16/2024 | 10:25:52 PM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/16/2024 | 10:25:54 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/16/2024 | 10:25:56 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/16/2024 | 10:25:58 PM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:00 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:04 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:06 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:08 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:10 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:12 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:14 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:16 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:18 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:20 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:22 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/16/2024 | 10:26:24 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:26:26 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/16/2024 | 10:26:28 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:26:30 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:32 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:34 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:36 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:38 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:40 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:42 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:44 PM | 0.006% | 690.50 | -2.328% | 26.22 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:46 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:48 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:26:50 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:52 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:54 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:56 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:26:58 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/16/2024 | 10:27:00 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.131% | 500.00 |
| 1/16/2024 | 10:27:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/16/2024 | 10:27:04 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 10:27:06 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/16/2024 | 10:27:08 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 10:27:10 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 10:27:12 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 10:27:14 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:27:16 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 10:27:18 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/16/2024 | 10:27:20 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/16/2024 | 10:27:22 PM | 0.006% | 690.50 | 4.217% | 28.01 | 0.100% | 501.16 |
| 1/16/2024 | 10:27:24 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/16/2024 | 10:27:26 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/16/2024 | 10:27:28 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/16/2024 | 10:27:30 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:27:32 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/16/2024 | 10:27:34 PM | 0.006% | 690.50 | 2.660% | 27.56 | 0.042% | 500.87 |
| 1/16/2024 | 10:27:36 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:38 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:40 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:42 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:44 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:46 PM | 0.006% | 690.50 | 3.680% | 27.85 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:48 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:50 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:52 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:54 PM | 0.006% | 690.50 | -2.410% | 26.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:56 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:27:58 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:00 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:02 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:04 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:06 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:10 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:12 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:14 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:16 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:28:18 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:20 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:22 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:24 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:26 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:28 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:32 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:34 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/16/2024 | 10:28:36 PM | 0.006% | 690.50 | -3.024% | 26.04 | -0.131% | 500.00 |
| 1/16/2024 | 10:28:38 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.131% | 500.00 |
| 1/16/2024 | 10:28:40 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/16/2024 | 10:28:42 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.131% | 500.00 |
| 1/16/2024 | 10:28:44 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.131% | 500.00 |
| 1/16/2024 | 10:28:46 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.131% | 500.00 |
| 1/16/2024 | 10:28:48 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:28:50 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:28:52 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 10:28:54 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:28:56 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:28:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/16/2024 | 10:29:00 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:02 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:04 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/16/2024 | 10:29:06 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/16/2024 | 10:29:08 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/16/2024 | 10:29:10 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/16/2024 | 10:29:12 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/16/2024 | 10:29:14 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:16 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:18 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:20 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:22 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:24 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:26 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:28 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:30 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:32 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:34 PM | 0.006% | 690.50 | -3.024% | 26.04 | 0.042% | 500.87 |
| 1/16/2024 | 10:29:36 PM | 0.006% | 690.50 | 4.994% | 28.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:38 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:40 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:42 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/16/2024 | 10:29:44 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |

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| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:29:46 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:29:48 PM | 0.006% | 690.50 | -3.148% | 26.01 | -0.073% | 500.29 |
| 1/16/2024 | 10:29:50 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/16/2024 | 10:29:52 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 10:29:54 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 10:29:56 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.131% | 500.00 |
| 1/16/2024 | 10:29:58 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:00 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:04 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:06 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:08 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:10 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:12 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:14 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:16 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:18 PM | 0.006% | 690.50 | -2.983% | 26.05 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:20 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:22 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:24 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:26 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:28 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:30 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 10:30:32 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:34 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:36 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/16/2024 | 10:30:38 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 10:30:40 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/16/2024 | 10:30:42 PM | 0.006% | 690.50 | 2.476% | 27.51 | 0.100% | 501.16 |
| 1/16/2024 | 10:30:44 PM | 0.006% | 690.50 | -4.657% | 25.64 | 0.100% | 501.16 |
| 1/16/2024 | 10:30:46 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/16/2024 | 10:30:48 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 10:30:50 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 10:30:52 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:54 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:56 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:30:58 PM | 0.006% | 690.50 | 3.391% | 27.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:31:00 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 10:31:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:31:04 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:06 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:10 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:12 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:31:14 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:16 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:18 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/16/2024 | 10:31:20 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:22 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:24 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:26 PM | 0.006% | 690.50 | -2.736% | 26.11 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:28 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:30 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:32 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:34 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:36 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:38 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:40 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:42 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:44 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:31:46 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:48 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:50 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:52 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:54 PM | 0.006% | 690.50 | -2.045% | 26.29 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:56 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/16/2024 | 10:31:58 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.100% | 501.16 |
| 1/16/2024 | 10:32:00 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:02 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:04 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:06 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:08 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:10 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:32:12 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.073% | 500.29 |
| 1/16/2024 | 10:32:14 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 10:32:16 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:18 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:20 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:22 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:24 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:26 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:28 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:30 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:32 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:34 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:36 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:38 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:40 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:32:42 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:44 PM | 0.006% | 690.50 | 4.854% | 28.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:46 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:48 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:50 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:52 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:54 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/16/2024 | 10:32:56 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/16/2024 | 10:32:58 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:00 PM | 0.006% | 690.50 | 2.954% | 27.65 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:02 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:04 PM | 0.006% | 690.50 | -3.272% | 25.98 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:06 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:08 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:10 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:12 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:14 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:16 PM | 0.006% | 690.50 | 4.074% | 27.97 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:18 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:20 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:22 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:24 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:26 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:28 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:30 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:32 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:36 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:38 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:40 PM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:42 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:44 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:46 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:48 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:33:50 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:52 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/16/2024 | 10:33:54 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/16/2024 | 10:33:56 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/16/2024 | 10:33:58 PM | 0.006% | 690.50 | -6.123% | 25.28 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:00 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:02 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:04 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:06 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:08 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:34:10 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:12 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:14 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:16 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:18 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:20 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:22 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:26 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:28 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:30 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:32 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:36 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:38 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:40 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:42 PM | 0.006% | 690.50 | 2.328% | 27.47 | -0.073% | 500.29 |
| 1/16/2024 | 10:34:44 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:46 PM | 0.006% | 690.50 | 2.697% | 27.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:48 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/16/2024 | 10:34:50 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/16/2024 | 10:34:52 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/16/2024 | 10:34:54 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/16/2024 | 10:34:56 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:34:58 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:00 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:02 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:04 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:06 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:08 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:10 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:12 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:14 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:16 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:18 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:20 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:22 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:24 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:26 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:28 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:30 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/16/2024 | 10:35:32 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/16/2024 | 10:35:34 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.131% | 500.00 |
| 1/16/2024 | 10:35:36 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:35:38 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:40 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:42 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:44 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:46 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:48 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:50 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/16/2024 | 10:35:52 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:54 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:56 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:35:58 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:00 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:04 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:06 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:08 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:10 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:12 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:14 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:16 PM | 0.006% | 690.50 | -2.860% | 26.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:18 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:20 PM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:22 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:24 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:26 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:28 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:30 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:32 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:34 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:36 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:38 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:40 PM | 0.006% | 690.50 | -3.646% | 25.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:42 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:44 PM | 0.006% | 690.50 | 2.476% | 27.51 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:46 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:48 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:50 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:52 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:36:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:56 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:36:58 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:00 PM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:02 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:04 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:37:06 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:08 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/16/2024 | 10:37:10 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/16/2024 | 10:37:12 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/16/2024 | 10:37:14 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/16/2024 | 10:37:16 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:18 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:20 PM | -0.037% | 690.20 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:22 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:24 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:26 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:28 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:30 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:32 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:34 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:36 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:38 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:40 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:42 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:44 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:46 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:48 PM | -0.037% | 690.20 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:50 PM | -0.037% | 690.20 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:52 PM | 0.006% | 690.50 | -2.614% | 26.15 | 0.042% | 500.87 |
| 1/16/2024 | 10:37:54 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:56 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:37:58 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:00 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:02 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:04 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 10:38:06 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:08 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:10 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:12 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:14 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:16 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:18 PM | -0.037% | 690.20 | -3.479% | 25.93 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:20 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:22 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:24 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:26 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:28 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:30 PM | 0.006% | 690.50 | -3.646% | 25.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:32 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:38:34 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:36 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:38 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:40 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:42 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:44 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:46 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:48 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:50 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:52 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 10:38:54 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:56 PM | 0.006% | 690.50 | 3.572% | 27.82 | -0.073% | 500.29 |
| 1/16/2024 | 10:38:58 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:00 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:02 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:04 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:06 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:08 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/16/2024 | 10:39:10 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:39:12 PM | -0.037% | 690.20 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/16/2024 | 10:39:14 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 10:39:16 PM | -0.037% | 690.20 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:39:18 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:20 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:22 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:24 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:26 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:28 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:30 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:32 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/16/2024 | 10:39:36 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:38 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:40 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:42 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:44 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:46 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:48 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:50 PM | 0.006% | 690.50 | -2.573% | 26.16 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:52 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:54 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:56 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:39:58 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:00 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:40:02 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:04 PM | 0.006% | 690.50 | 4.074% | 27.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:06 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:08 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:10 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:12 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:14 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:16 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:18 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:20 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:22 PM | 0.006% | 690.50 | 2.624% | 27.55 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:24 PM | -0.037% | 690.20 | 2.807% | 27.60 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:26 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:28 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:30 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:32 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 10:40:34 PM | -0.037% | 690.20 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:40:36 PM | -0.037% | 690.20 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/16/2024 | 10:40:38 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/16/2024 | 10:40:40 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/16/2024 | 10:40:42 PM | -0.037% | 690.20 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/16/2024 | 10:40:44 PM | -0.037% | 690.20 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/16/2024 | 10:40:46 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:40:48 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:40:50 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:40:52 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:40:54 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:56 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:40:58 PM | -0.037% | 690.20 | 1.956% | 27.36 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:00 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:02 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:04 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:06 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:08 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:10 PM | 0.006% | 690.50 | 1.582% | 27.26 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:12 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:14 PM | -0.037% | 690.20 | -5.514% | 25.43 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:16 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:18 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:20 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:22 PM | -0.037% | 690.20 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/16/2024 | 10:41:24 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:41:26 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/16/2024 | 10:41:28 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:41:30 PM | 0.006% | 690.50 | 2.513% | 27.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:32 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:34 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:36 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:38 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:40 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:42 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:44 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:46 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/16/2024 | 10:41:48 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:50 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:52 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:54 PM | -0.037% | 690.20 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:41:56 PM | -0.037% | 690.20 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 10:41:58 PM | -0.037% | 690.20 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:00 PM | -0.037% | 690.20 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:02 PM | -0.037% | 690.20 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:04 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:06 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:08 PM | -0.037% | 690.20 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:10 PM | -0.037% | 690.20 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:12 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:14 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:16 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/16/2024 | 10:42:18 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:20 PM | 0.006% | 690.50 | 2.587% | 27.54 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:22 PM | 0.006% | 690.50 | 4.994% | 28.24 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:24 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:26 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:28 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:30 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:32 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:34 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:36 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/16/2024 | 10:42:38 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:40 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:42 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:44 PM | -0.037% | 690.20 | 2.513% | 27.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:46 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/16/2024 | 10:42:48 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/16/2024 | 10:42:50 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:42:52 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:42:54 PM | -0.037% | 690.20 | -4.529% | 25.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:42:56 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:42:58 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:00 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:02 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:04 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:06 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:08 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:10 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:12 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:14 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:16 PM | -0.037% | 690.20 | 2.844% | 27.61 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:18 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:20 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:22 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:24 PM | -0.037% | 690.20 | -2.655% | 26.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:26 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:28 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:30 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:32 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:34 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:36 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:38 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:40 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:42 PM | -0.037% | 690.20 | -5.127% | 25.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:43:44 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:46 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:48 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:50 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:52 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:54 PM | 0.006% | 690.50 | -3.479% | 25.93 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:56 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.073% | 500.29 |
| 1/16/2024 | 10:43:58 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:00 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:02 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:04 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:06 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:08 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:10 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:12 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:14 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:16 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:18 PM | -0.037% | 690.20 | 4.784% | 28.18 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:20 PM | -0.037% | 690.20 | -6.430% | 25.21 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:22 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:24 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:44:26 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/16/2024 | 10:44:28 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/16/2024 | 10:44:30 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.131% | 500.00 |
| 1/16/2024 | 10:44:32 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:34 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:36 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:38 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:40 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:42 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:44 PM | -0.037% | 690.20 | -2.860% | 26.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:46 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:48 PM | -0.037% | 690.20 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/16/2024 | 10:44:50 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:52 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/16/2024 | 10:44:54 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:56 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 10:44:58 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/16/2024 | 10:45:00 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.189% | 499.71 |
| 1/16/2024 | 10:45:02 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/16/2024 | 10:45:04 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/16/2024 | 10:45:06 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.131% | 500.00 |
| 1/16/2024 | 10:45:08 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:10 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:12 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:14 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:16 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:18 PM | -0.037% | 690.20 | -2.247% | 26.24 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:20 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:22 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:24 PM | -0.037% | 690.20 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:26 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:28 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:30 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:45:32 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:45:34 PM | -0.037% | 690.20 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:45:36 PM | -0.037% | 690.20 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:45:38 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/16/2024 | 10:45:40 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:45:42 PM | -0.037% | 690.20 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/16/2024 | 10:45:44 PM | -0.037% | 690.20 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/16/2024 | 10:45:46 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/16/2024 | 10:45:48 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:50 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:52 PM | -0.037% | 690.20 | 2.513% | 27.52 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:45:54 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:56 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:45:58 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:00 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:02 PM | -0.037% | 690.20 | -3.231% | 25.99 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:04 PM | -0.037% | 690.20 | 2.476% | 27.51 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:06 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:08 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:10 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:12 PM | -0.037% | 690.20 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:14 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:16 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:18 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:20 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:22 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:46:24 PM | -0.037% | 690.20 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:46:26 PM | -0.037% | 690.20 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 10:46:28 PM | -0.037% | 690.20 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:46:30 PM | -0.037% | 690.20 | -4.445% | 25.69 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:32 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:34 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:36 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:38 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:40 PM | 0.006% | 690.50 | 3.027% | 27.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:42 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:44 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/16/2024 | 10:46:46 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:48 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:50 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:52 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:46:54 PM | -0.037% | 690.20 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/16/2024 | 10:46:56 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:46:58 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:47:00 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:02 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:04 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:06 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:08 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:10 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:12 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:14 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:16 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:18 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:20 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:47:22 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:24 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:26 PM | -0.037% | 690.20 | -4.107% | 25.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:28 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:30 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:32 PM | -0.037% | 690.20 | 3.063% | 27.68 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:34 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:36 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:38 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:40 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:42 PM | -0.037% | 690.20 | -2.777% | 26.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:44 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:47:46 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:48 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:50 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:52 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:54 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:56 PM | -0.037% | 690.20 | 4.748% | 28.17 | -0.015% | 500.58 |
| 1/16/2024 | 10:47:58 PM | -0.037% | 690.20 | -2.655% | 26.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:00 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:02 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:04 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:06 PM | -0.037% | 690.20 | -2.247% | 26.24 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:08 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:10 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:12 PM | -0.037% | 690.20 | 3.967% | 27.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:14 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:16 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:18 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 10:48:20 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 10:48:22 PM | -0.037% | 690.20 | 3.895% | 27.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:48:24 PM | -0.037% | 690.20 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/16/2024 | 10:48:26 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:28 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:30 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:32 PM | -0.037% | 690.20 | -2.736% | 26.11 | -0.015% | 500.58 |
| 1/16/2024 | 10:48:34 PM | -0.037% | 690.20 | 2.217% | 27.44 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:36 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 10:48:38 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/16/2024 | 10:48:40 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/16/2024 | 10:48:42 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.131% | 500.00 |
| 1/16/2024 | 10:48:44 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.131% | 500.00 |
| 1/16/2024 | 10:48:46 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 10:48:48 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.189% | 499.71 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:48:50 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.189% | 499.71 |
| 1/16/2024 | 10:48:52 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.189% | 499.71 |
| 1/16/2024 | 10:48:54 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.189% | 499.71 |
| 1/16/2024 | 10:48:56 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.189% | 499.71 |
| 1/16/2024 | 10:48:58 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 10:49:00 PM | -0.037% | 690.20 | 3.499% | 27.80 | -0.131% | 500.00 |
| 1/16/2024 | 10:49:02 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/16/2024 | 10:49:04 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 10:49:06 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.131% | 500.00 |
| 1/16/2024 | 10:49:08 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:10 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:12 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:14 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:16 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:18 PM | -0.037% | 690.20 | 3.173% | 27.71 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:20 PM | -0.037% | 690.20 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:22 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:24 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:26 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:28 PM | -0.037% | 690.20 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:30 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/16/2024 | 10:49:32 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:34 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:36 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:38 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 10:49:40 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:42 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:44 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:46 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:48 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:50 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:52 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:54 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:56 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/16/2024 | 10:49:58 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 10:50:00 PM | -0.037% | 690.20 | 1.919% | 27.35 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:02 PM | -0.037% | 690.20 | -3.148% | 26.01 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:04 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:06 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:08 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:10 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:12 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:14 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:16 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:50:18 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.189% | 499.71 |
| 1/16/2024 | 10:50:20 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/16/2024 | 10:50:22 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.189% | 499.71 |
| 1/16/2024 | 10:50:24 PM | -0.037% | 690.20 | 2.844% | 27.61 | -0.131% | 500.00 |
| 1/16/2024 | 10:50:26 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/16/2024 | 10:50:28 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.131% | 500.00 |
| 1/16/2024 | 10:50:30 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.131% | 500.00 |
| 1/16/2024 | 10:50:32 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:34 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:36 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:38 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:40 PM | -0.037% | 690.20 | -2.410% | 26.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:42 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:44 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:46 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:48 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:50 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:52 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 10:50:56 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.131% | 500.00 |
| 1/16/2024 | 10:50:58 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:00 PM | -0.037% | 690.20 | 1.844% | 27.33 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:02 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:04 PM | -0.037% | 690.20 | -3.396% | 25.95 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:06 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:08 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:51:10 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:51:12 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:51:14 PM | -0.037% | 690.20 | -3.272% | 25.98 | -0.015% | 500.58 |
| 1/16/2024 | 10:51:16 PM | -0.037% | 690.20 | 2.402% | 27.49 | -0.015% | 500.58 |
| 1/16/2024 | 10:51:18 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/16/2024 | 10:51:20 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:22 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:24 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:26 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:28 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:30 PM | 0.006% | 690.50 | -2.942% | 26.06 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:32 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:34 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:36 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:38 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:40 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:42 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:44 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:51:46 PM | -0.037% | 690.20 | 3.173% | 27.71 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:48 PM | -0.037% | 690.20 | 2.660% | 27.56 | -0.073% | 500.29 |
| 1/16/2024 | 10:51:50 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:52 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:56 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/16/2024 | 10:51:58 PM | -0.037% | 690.20 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:00 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:02 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:04 PM | -0.037% | 690.20 | -2.247% | 26.24 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:06 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:08 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:10 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:12 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:14 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:16 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:18 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:20 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:22 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:24 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/16/2024 | 10:52:26 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 10:52:28 PM | -0.037% | 690.20 | -2.942% | 26.06 | 0.042% | 500.87 |
| 1/16/2024 | 10:52:30 PM | -0.037% | 690.20 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 10:52:32 PM | -0.037% | 690.20 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 10:52:34 PM | -0.037% | 690.20 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:52:36 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 10:52:38 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:52:40 PM | 0.006% | 690.50 | 3.063% | 27.68 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:42 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:44 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:46 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:48 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:50 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:52 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:54 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 10:52:56 PM | -0.037% | 690.20 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/16/2024 | 10:52:58 PM | -0.037% | 690.20 | -3.189% | 26.00 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:00 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:02 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:04 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:06 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:08 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:10 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:12 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:53:14 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:16 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:18 PM | -0.037% | 690.20 | -2.410% | 26.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:20 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:22 PM | -0.037% | 690.20 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:24 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:26 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:28 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:30 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:32 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:34 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:36 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:38 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:40 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:53:42 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:44 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:46 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:48 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:50 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:52 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:54 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:56 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/16/2024 | 10:53:58 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/16/2024 | 10:54:00 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 10:54:02 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:04 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:06 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:08 PM | 0.006% | 690.50 | 3.318% | 27.75 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:10 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:12 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:14 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:16 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:18 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:20 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:22 PM | 0.006% | 690.50 | 2.660% | 27.56 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:24 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:26 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:28 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.131% | 500.00 |
| 1/16/2024 | 10:54:30 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:54:32 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 10:54:34 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:54:36 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:38 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:40 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:54:42 PM | -0.037% | 690.20 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:44 PM | -0.037% | 690.20 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:46 PM | -0.037% | 690.20 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:48 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:50 PM | -0.037% | 690.20 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:52 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:54 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:56 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:54:58 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:00 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:02 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:04 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:06 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:08 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:10 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:12 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:14 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/16/2024 | 10:55:16 PM | 0.006% | 690.50 | 4.217% | 28.01 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:18 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:20 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:22 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/16/2024 | 10:55:24 PM | -0.037% | 690.20 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 10:55:26 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/16/2024 | 10:55:28 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:30 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:32 PM | 0.006% | 690.50 | 3.680% | 27.85 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:34 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:36 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:38 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:40 PM | -0.037% | 690.20 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:42 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:44 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:46 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:48 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:50 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:52 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/16/2024 | 10:55:54 PM | 0.006% | 690.50 | -3.065% | 26.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:55:56 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/16/2024 | 10:55:58 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:00 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:02 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:04 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:06 PM | -0.037% | 690.20 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:08 PM | -0.037% | 690.20 | 2.254% | 27.45 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:56:10 PM | -0.037% | 690.20 | 3.173% | 27.71 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:12 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 10:56:14 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 10:56:16 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/16/2024 | 10:56:18 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:56:20 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 10:56:22 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/16/2024 | 10:56:24 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:26 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:28 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:30 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:32 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:34 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:36 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:38 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:40 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:42 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:44 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:46 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:48 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.131% | 500.00 |
| 1/16/2024 | 10:56:50 PM | 0.006% | 690.50 | 2.587% | 27.54 | -0.131% | 500.00 |
| 1/16/2024 | 10:56:52 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.131% | 500.00 |
| 1/16/2024 | 10:56:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 10:56:56 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/16/2024 | 10:56:58 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:00 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:02 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:04 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:06 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:08 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:10 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:12 PM | 0.006% | 690.50 | -3.479% | 25.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:14 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:16 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:18 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:20 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:22 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:24 PM | 0.006% | 690.50 | 5.099% | 28.27 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:26 PM | -0.037% | 690.20 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/16/2024 | 10:57:28 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:57:30 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:57:32 PM | -0.037% | 690.20 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/16/2024 | 10:57:34 PM | -0.037% | 690.20 | -2.819% | 26.09 | 0.042% | 500.87 |
| 1/16/2024 | 10:57:36 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:57:38 PM | 0.006% | 690.50 | 4.146% | 27.99 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:40 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:42 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:44 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:46 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:48 PM | -0.037% | 690.20 | -3.438% | 25.94 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:50 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:52 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:54 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:56 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:57:58 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:00 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:02 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:04 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/16/2024 | 10:58:06 PM | -0.037% | 690.20 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/16/2024 | 10:58:08 PM | -0.037% | 690.20 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:10 PM | -0.037% | 690.20 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:12 PM | -0.037% | 690.20 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:14 PM | -0.037% | 690.20 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:16 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:18 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:20 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:22 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/16/2024 | 10:58:24 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 10:58:26 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.073% | 500.29 |
| 1/16/2024 | 10:58:28 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 10:58:30 PM | -0.037% | 690.20 | 3.931% | 27.93 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:32 PM | -0.037% | 690.20 | -2.983% | 26.05 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:34 PM | -0.037% | 690.20 | -3.897% | 25.82 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:36 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:38 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:40 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:42 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:44 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 10:58:46 PM | -0.037% | 690.20 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:48 PM | -0.037% | 690.20 | 2.954% | 27.65 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:50 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:52 PM | -0.037% | 690.20 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:54 PM | -0.037% | 690.20 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:56 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/16/2024 | 10:58:58 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:00 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:02 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:04 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 10:59:06 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:08 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:10 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:12 PM | -0.037% | 690.20 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:14 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:16 PM | 0.006% | 690.50 | 2.954% | 27.65 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:18 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:20 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:22 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:24 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:26 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:28 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:30 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/16/2024 | 10:59:32 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 10:59:34 PM | 0.006% | 690.50 | 3.136% | 27.70 | -0.015% | 500.58 |
| 1/16/2024 | 10:59:36 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 10:59:38 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/16/2024 | 10:59:40 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:42 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:44 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:46 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:48 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:50 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:52 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:56 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 10:59:58 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:00 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:02 PM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:04 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:06 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:08 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:10 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:12 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:14 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:16 PM | 0.006% | 690.50 | -3.272% | 25.98 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:18 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:20 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:22 PM | 0.006% | 690.50 | -2.247% | 26.24 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:24 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:26 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:28 PM | -0.037% | 690.20 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:30 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:32 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:00:34 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:36 PM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:38 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:40 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:42 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:44 PM | -0.037% | 690.20 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:46 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:48 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:50 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/16/2024 | 11:00:52 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:54 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:56 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/16/2024 | 11:00:58 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/16/2024 | 11:01:00 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/16/2024 | 11:01:02 PM | -0.037% | 690.20 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:04 PM | -0.037% | 690.20 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:06 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:08 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:10 PM | -0.037% | 690.20 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:12 PM | 0.006% | 690.50 | 2.513% | 27.52 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:14 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:16 PM | 0.006% | 690.50 | -3.563% | 25.91 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:18 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:20 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:22 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:24 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:26 PM | -0.037% | 690.20 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:28 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:32 PM | -0.037% | 690.20 | -3.563% | 25.91 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:34 PM | -0.037% | 690.20 | 3.788% | 27.89 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:36 PM | -0.037% | 690.20 | 3.246% | 27.73 | 0.042% | 500.87 |
| 1/16/2024 | 11:01:38 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:40 PM | 0.006% | 690.50 | -3.024% | 26.04 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:42 PM | 0.006% | 690.50 | -2.942% | 26.06 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:44 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:46 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/16/2024 | 11:01:48 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 11:01:50 PM | 0.006% | 690.50 | -4.402% | 25.70 | -0.073% | 500.29 |
| 1/16/2024 | 11:01:52 PM | 0.006% | 690.50 | 2.513% | 27.52 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:54 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:56 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/16/2024 | 11:01:58 PM | -0.037% | 690.20 | 2.660% | 27.56 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:00 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:02:02 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:04 PM | 0.006% | 690.50 | 3.535% | 27.81 | -0.015% | 500.58 |
| 1/16/2024 | 11:02:06 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 11:02:08 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/16/2024 | 11:02:10 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:02:12 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 11:02:14 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 11:02:16 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:18 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:20 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:22 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:24 PM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:26 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:28 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:30 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:32 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:34 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:36 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:40 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:42 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:44 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:46 PM | -0.037% | 690.20 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:50 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:52 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:54 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/16/2024 | 11:02:56 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.042% | 500.87 |
| 1/16/2024 | 11:02:58 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:00 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:02 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:04 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:06 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:08 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:10 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:12 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:14 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:16 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:18 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:20 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:22 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:24 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:26 PM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:28 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:03:30 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:32 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:34 PM | -0.037% | 690.20 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:36 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:38 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/16/2024 | 11:03:40 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:42 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:44 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:46 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:48 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:50 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:52 PM | -0.037% | 690.20 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 11:03:54 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.158% | 501.45 |
| 1/16/2024 | 11:03:56 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/16/2024 | 11:03:58 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/16/2024 | 11:04:00 PM | -0.037% | 690.20 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/16/2024 | 11:04:02 PM | -0.037% | 690.20 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:04 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:06 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 11:04:08 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/16/2024 | 11:04:10 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 11:04:12 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:14 PM | -0.037% | 690.20 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:16 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:18 PM | -0.037% | 690.20 | 2.660% | 27.56 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:20 PM | -0.037% | 690.20 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:22 PM | -0.037% | 690.20 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:24 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:26 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:28 PM | 0.006% | 690.50 | 3.209% | 27.72 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:30 PM | -0.037% | 690.20 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/16/2024 | 11:04:32 PM | 0.006% | 690.50 | 1.882% | 27.34 | 0.100% | 501.16 |
| 1/16/2024 | 11:04:34 PM | 0.006% | 690.50 | 3.354% | 27.76 | 0.100% | 501.16 |
| 1/16/2024 | 11:04:36 PM | 0.006% | 690.50 | 2.254% | 27.45 | 0.100% | 501.16 |
| 1/16/2024 | 11:04:38 PM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/16/2024 | 11:04:40 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/16/2024 | 11:04:42 PM | -0.037% | 690.20 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:44 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:46 PM | -0.037% | 690.20 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:48 PM | -0.037% | 690.20 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:50 PM | -0.037% | 690.20 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:52 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/16/2024 | 11:04:54 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/16/2024 | 11:04:56 PM | -0.037% | 690.20 | -0.453% | 26.71 | 0.158% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:04:58 PM | -0.037% | 690.20 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/16/2024 | 11:05:00 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.158% | 501.45 |
| 1/16/2024 | 11:05:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/16/2024 | 11:05:04 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.158% | 501.45 |
| 1/16/2024 | 11:05:06 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:08 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:10 PM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:12 PM | 0.006% | 690.50 | 2.660% | 27.56 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:14 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:16 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:18 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:20 PM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:22 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:24 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:26 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:28 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:30 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/16/2024 | 11:05:32 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/16/2024 | 11:05:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 11:05:36 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/16/2024 | 11:05:38 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:40 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:42 PM | -0.037% | 690.20 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:44 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 11:05:46 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/16/2024 | 11:05:48 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 11:05:50 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:52 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:54 PM | 0.006% | 690.50 | -3.355% | 25.96 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:56 PM | 0.006% | 690.50 | -3.148% | 26.01 | -0.015% | 500.58 |
| 1/16/2024 | 11:05:58 PM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:00 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:02 PM | 0.006% | 690.50 | -3.479% | 25.93 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:04 PM | -0.037% | 690.20 | -5.385% | 25.46 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:06 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:08 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:10 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:12 PM | 0.006% | 690.50 | 3.246% | 27.73 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:14 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:16 PM | 0.006% | 690.50 | 2.439% | 27.50 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:18 PM | -0.037% | 690.20 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:20 PM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:22 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:24 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:06:26 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:28 PM | 0.006% | 690.50 | 4.466% | 28.08 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:30 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:32 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 11:06:34 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/16/2024 | 11:06:36 PM | 0.006% | 690.50 | -2.532% | 26.17 | 0.100% | 501.16 |
| 1/16/2024 | 11:06:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/16/2024 | 11:06:40 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:42 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:44 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:46 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:48 PM | 0.006% | 690.50 | -2.942% | 26.06 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:50 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:52 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.158% | 501.45 |
| 1/16/2024 | 11:06:54 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/16/2024 | 11:06:56 PM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/16/2024 | 11:06:58 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:00 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:02 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:04 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:06 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:08 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:10 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:12 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:14 PM | -0.037% | 690.20 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:16 PM | -0.037% | 690.20 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:18 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:20 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:22 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:24 PM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:26 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:28 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:30 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:32 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:34 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:36 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:38 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/16/2024 | 11:07:40 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:07:42 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 11:07:44 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 11:07:46 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 11:07:48 PM | 0.006% | 690.50 | -2.573% | 26.16 | -0.073% | 500.29 |
| 1/16/2024 | 11:07:50 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:52 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:07:54 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/16/2024 | 11:07:56 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/16/2024 | 11:07:58 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:00 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:02 PM | 0.006% | 690.50 | -2.450% | 26.19 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:04 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:06 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:08 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:10 PM | 0.006% | 690.50 | -3.189% | 26.00 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:12 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:14 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:16 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:18 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:20 PM | 0.006% | 690.50 | 1.657% | 27.28 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:22 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:26 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:28 PM | 0.006% | 690.50 | 3.535% | 27.81 | 0.158% | 501.45 |
| 1/16/2024 | 11:08:30 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/16/2024 | 11:08:32 PM | -0.037% | 690.20 | 1.544% | 27.25 | 0.215% | 501.74 |
| 1/16/2024 | 11:08:34 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/16/2024 | 11:08:36 PM | 0.006% | 690.50 | -0.374% | 26.73 | 0.215% | 501.74 |
| 1/16/2024 | 11:08:38 PM | 0.006% | 690.50 | 0.747% | 27.03 | 0.215% | 501.74 |
| 1/16/2024 | 11:08:40 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:42 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:44 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/16/2024 | 11:08:46 PM | 0.006% | 690.50 | -2.655% | 26.14 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:48 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:50 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:52 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:54 PM | 0.006% | 690.50 | 3.608% | 27.83 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:56 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.042% | 500.87 |
| 1/16/2024 | 11:08:58 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:00 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:02 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:04 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:06 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:08 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:10 PM | 0.006% | 690.50 | -3.897% | 25.82 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:12 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:14 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:16 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:18 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:20 PM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:09:22 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:24 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:26 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:28 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:30 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:32 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:34 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/16/2024 | 11:09:36 PM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/16/2024 | 11:09:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/16/2024 | 11:09:40 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.158% | 501.45 |
| 1/16/2024 | 11:09:42 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.158% | 501.45 |
| 1/16/2024 | 11:09:44 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.158% | 501.45 |
| 1/16/2024 | 11:09:46 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.158% | 501.45 |
| 1/16/2024 | 11:09:48 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:50 PM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:52 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:54 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:56 PM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/16/2024 | 11:09:58 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:00 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:02 PM | 0.006% | 690.50 | 2.513% | 27.52 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:04 PM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:06 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:08 PM | 0.006% | 690.50 | -1.163% | 26.52 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:10 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:12 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:14 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:16 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:18 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:20 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:22 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:24 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:26 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:28 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:30 PM | 0.006% | 690.50 | 3.027% | 27.67 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:32 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:34 PM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:36 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:38 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:40 PM | 0.006% | 690.50 | -2.777% | 26.10 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:42 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:44 PM | -0.037% | 690.20 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/16/2024 | 11:10:46 PM | 0.006% | 690.50 | 2.807% | 27.60 | 0.100% | 501.16 |
| 1/16/2024 | 11:10:48 PM | -0.037% | 690.20 | 1.204% | 27.16 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/16/2024 | 11:10:50 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:52 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:54 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:56 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |
| 1/16/2024 | 11:10:58 PM | 0.006% | 690.50 | -3.024% | 26.04 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:00 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:02 PM | 0.006% | 690.50 | 3.680% | 27.85 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:04 PM | 0.006% | 690.50 | -3.272% | 25.98 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:06 PM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:08 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:10 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:12 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:14 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:16 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:18 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:20 PM | 0.006% | 690.50 | 2.439% | 27.50 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:22 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:24 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:26 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:28 PM | 0.006% | 690.50 | -1.762% | 26.36 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:30 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:32 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:34 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:36 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:38 PM | 0.006% | 690.50 | 1.204% | 27.16 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:40 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:42 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:44 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:46 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/16/2024 | 11:11:50 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:52 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:54 PM | 0.006% | 690.50 | 2.106% | 27.41 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:56 PM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/16/2024 | 11:11:58 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:00 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:02 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:04 PM | -0.037% | 690.20 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:06 PM | -0.037% | 690.20 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:08 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:10 PM | 0.006% | 690.50 | 2.513% | 27.52 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:12 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:14 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:16 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:12:18 PM | 0.006% | 690.50 | 2.624% | 27.55 | 0.158% | 501.45 |
| 1/16/2024 | 11:12:20 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.158% | 501.45 |
| 1/16/2024 | 11:12:22 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 11:12:24 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/16/2024 | 11:12:26 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 11:12:28 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/16/2024 | 11:12:30 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/16/2024 | 11:12:32 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/16/2024 | 11:12:34 PM | 0.006% | 690.50 | -3.148% | 26.01 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:36 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:38 PM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:40 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:42 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:44 PM | 0.006% | 690.50 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:46 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:48 PM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:50 PM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:52 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:54 PM | 0.006% | 690.50 | -3.065% | 26.03 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:56 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |
| 1/16/2024 | 11:12:58 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/16/2024 | 11:13:00 PM | 0.006% | 690.50 | -1.803% | 26.35 | 0.100% | 501.16 |
| 1/16/2024 | 11:13:02 PM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/16/2024 | 11:13:04 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:06 PM | 0.006% | 690.50 | 2.402% | 27.49 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:08 PM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:10 PM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:12 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:14 PM | 0.006% | 690.50 | 3.027% | 27.67 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:16 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:18 PM | 0.006% | 690.50 | 2.844% | 27.61 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:20 PM | 0.006% | 690.50 | 3.136% | 27.70 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:22 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:24 PM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:26 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:28 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:30 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/16/2024 | 11:13:32 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 11:13:34 PM | 0.006% | 690.50 | 3.246% | 27.73 | -0.015% | 500.58 |
| 1/16/2024 | 11:13:36 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 11:13:38 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:40 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 11:13:42 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:44 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:13:46 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:48 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:50 PM | 0.006% | 690.50 | -3.396% | 25.95 | 0.158% | 501.45 |
| 1/16/2024 | 11:13:52 PM | 0.006% | 690.50 | -2.573% | 26.16 | 0.100% | 501.16 |
| 1/16/2024 | 11:13:54 PM | 0.006% | 690.50 | -3.189% | 26.00 | 0.100% | 501.16 |
| 1/16/2024 | 11:13:56 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/16/2024 | 11:13:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:00 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:02 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:04 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:06 PM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:08 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:10 PM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:12 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:14 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:16 PM | 0.006% | 690.50 | 3.063% | 27.68 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:18 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:20 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:22 PM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:24 PM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:26 PM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:28 PM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:30 PM | 0.006% | 690.50 | 2.771% | 27.59 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:32 PM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/16/2024 | 11:14:36 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/16/2024 | 11:14:38 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 11:14:40 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/16/2024 | 11:14:42 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 11:14:44 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 11:14:46 PM | 0.006% | 690.50 | 2.143% | 27.42 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:48 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/16/2024 | 11:14:50 PM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |
| 1/16/2024 | 11:14:52 PM | 0.006% | 690.50 | -1.722% | 26.38 | 0.158% | 501.45 |
| 1/16/2024 | 11:14:54 PM | -0.037% | 690.20 | 0.938% | 27.08 | 0.158% | 501.45 |
| 1/16/2024 | 11:14:56 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/16/2024 | 11:14:58 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/16/2024 | 11:15:00 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/16/2024 | 11:15:02 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:04 PM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:06 PM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:08 PM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:10 PM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:12 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:15:14 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:16 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:18 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:20 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:22 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:24 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:26 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:28 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:30 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:32 PM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:34 PM | 0.006% | 690.50 | 3.716% | 27.86 | 0.042% | 500.87 |
| 1/16/2024 | 11:15:36 PM | 0.006% | 690.50 | 2.402% | 27.49 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:38 PM | 0.006% | 690.50 | -1.923% | 26.32 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:40 PM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:42 PM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:44 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/16/2024 | 11:15:46 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:50 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:52 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:54 PM | 0.006% | 690.50 | 4.074% | 27.97 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:56 PM | 0.006% | 690.50 | 3.895% | 27.92 | -0.015% | 500.58 |
| 1/16/2024 | 11:15:58 PM | 0.006% | 690.50 | -3.231% | 25.99 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:00 PM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:02 PM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:04 PM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:06 PM | 0.006% | 690.50 | -5.601% | 25.41 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:08 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:10 PM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:12 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:14 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:16 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:18 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:20 PM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:22 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:26 PM | 0.006% | 690.50 | -3.438% | 25.94 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:28 PM | 0.006% | 690.50 | -4.318% | 25.72 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:32 PM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:34 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:36 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:38 PM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:40 PM | 0.006% | 690.50 | 5.517% | 28.40 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:16:42 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:44 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:46 PM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:48 PM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:50 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/16/2024 | 11:16:52 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:54 PM | 0.006% | 690.50 | 3.427% | 27.78 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:56 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/16/2024 | 11:16:58 PM | 0.006% | 690.50 | 3.680% | 27.85 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:00 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:02 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:04 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:06 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:08 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:10 PM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:12 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:14 PM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:16 PM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:18 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:20 PM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:22 PM | 0.006% | 690.50 | -2.328% | 26.22 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:24 PM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:26 PM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:28 PM | 0.006% | 690.50 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/16/2024 | 11:17:30 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:32 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:34 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:36 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:38 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:40 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:42 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:44 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:46 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:48 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:50 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:52 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:54 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:56 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 11:17:58 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:00 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:02 PM | 0.006% | 690.50 | 3.895% | 27.92 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:04 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:06 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:08 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:18:10 PM | 0.006% | 690.50 | 4.217% | 28.01 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:12 PM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:14 PM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:16 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:18 PM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:20 PM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:22 PM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:24 PM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:26 PM | 0.006% | 690.50 | -5.471% | 25.44 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:28 PM | 0.006% | 690.50 | 2.217% | 27.44 | 0.042% | 500.87 |
| 1/16/2024 | 11:18:30 PM | 0.006% | 690.50 | 4.217% | 28.01 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:32 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:34 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:36 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:38 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:40 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:42 PM | 0.006% | 690.50 | 2.990% | 27.66 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:44 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:46 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:48 PM | 0.006% | 690.50 | 3.246% | 27.73 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:50 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/16/2024 | 11:18:52 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 11:18:54 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/16/2024 | 11:18:56 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/16/2024 | 11:18:58 PM | 0.006% | 690.50 | -2.983% | 26.05 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:00 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:02 PM | 0.006% | 690.50 | 3.246% | 27.73 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:04 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:06 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:08 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:10 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:12 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:14 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:16 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:18 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:20 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:22 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:24 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:26 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:28 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:30 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:32 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:34 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:36 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:19:38 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:40 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:42 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:44 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:46 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:48 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:50 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:52 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.015% | 500.58 |
| 1/16/2024 | 11:19:54 PM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/16/2024 | 11:19:56 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/16/2024 | 11:19:58 PM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:00 PM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:02 PM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:04 PM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:06 PM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:08 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:10 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:12 PM | 0.006% | 690.50 | -3.479% | 25.93 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:14 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:16 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:18 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:20 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:22 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:24 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:26 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:28 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:30 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:32 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:34 PM | 0.006% | 690.50 | 3.931% | 27.93 | -0.073% | 500.29 |
| 1/16/2024 | 11:20:36 PM | 0.006% | 690.50 | -5.905% | 25.33 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:38 PM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:40 PM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:42 PM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:44 PM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:46 PM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/16/2024 | 11:20:48 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/16/2024 | 11:20:50 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/16/2024 | 11:20:52 PM | 0.006% | 690.50 | 2.844% | 27.61 | -0.015% | 500.58 |
| 1/16/2024 | 11:20:54 PM | 0.006% | 690.50 | 2.328% | 27.47 | -0.015% | 500.58 |
| 1/16/2024 | 11:20:56 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/16/2024 | 11:20:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:00 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:02 PM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:04 PM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:21:06 PM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:08 PM | 0.006% | 690.50 | 3.318% | 27.75 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:10 PM | 0.006% | 690.50 | 3.318% | 27.75 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:12 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:14 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:16 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:18 PM | 0.006% | 690.50 | -4.913% | 25.57 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:20 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:22 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:24 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:26 PM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:28 PM | 0.006% | 690.50 | -3.272% | 25.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:32 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:34 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:36 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:38 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:40 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:42 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:44 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:46 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 11:21:48 PM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:50 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:52 PM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:54 PM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/16/2024 | 11:21:56 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 11:21:58 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:00 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:02 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:04 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:06 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:08 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:10 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:12 PM | 0.006% | 690.50 | -2.450% | 26.19 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:14 PM | 0.006% | 690.50 | 3.895% | 27.92 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:16 PM | 0.006% | 690.50 | 4.748% | 28.17 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:18 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:20 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:22 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:24 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:26 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:28 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/16/2024 | 11:22:32 PM | 0.006% | 690.50 | 3.752% | 27.88 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:22:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:36 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:38 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:40 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:42 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:44 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:46 PM | 0.006% | 690.50 | 2.513% | 27.52 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:48 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/16/2024 | 11:22:50 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:52 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:54 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:56 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/16/2024 | 11:22:58 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:00 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:02 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:04 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:06 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:08 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:10 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:12 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:14 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:16 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:18 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:20 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:22 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:24 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:26 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:28 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:30 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:32 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:34 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:36 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:38 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:40 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:42 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:44 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.131% | 500.00 |
| 1/16/2024 | 11:23:46 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:48 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:50 PM | 0.006% | 690.50 | -3.981% | 25.80 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:52 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 11:23:54 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:56 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/16/2024 | 11:23:58 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:00 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:24:02 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:04 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:06 PM | 0.006% | 690.50 | 4.572% | 28.11 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:08 PM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:10 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:12 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/16/2024 | 11:24:14 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:16 PM | 0.006% | 690.50 | 3.716% | 27.86 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:18 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:20 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.131% | 500.00 |
| 1/16/2024 | 11:24:22 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/16/2024 | 11:24:24 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 11:24:26 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:28 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:30 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:32 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:34 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:36 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:38 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:40 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:42 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:44 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:46 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:48 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:50 PM | 0.006% | 690.50 | 2.476% | 27.51 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:52 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:54 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:56 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/16/2024 | 11:24:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:00 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:02 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:04 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:06 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:08 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:10 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:12 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:14 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:16 PM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:18 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:20 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:22 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:24 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:26 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:28 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:25:30 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:32 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:34 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:36 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:38 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:40 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:42 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:44 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:46 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:48 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:50 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:52 PM | 0.006% | 690.50 | -3.231% | 25.99 | -0.015% | 500.58 |
| 1/16/2024 | 11:25:54 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:56 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 11:25:58 PM | 0.006% | 690.50 | -2.410% | 26.20 | -0.073% | 500.29 |
| 1/16/2024 | 11:26:00 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 11:26:02 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 11:26:04 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:06 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:08 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:10 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:12 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:14 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:16 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:18 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:20 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:22 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:24 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:26 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:28 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:30 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:32 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:34 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:36 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:38 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.131% | 500.00 |
| 1/16/2024 | 11:26:40 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:42 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:44 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:46 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:48 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:50 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:52 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:54 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 11:26:56 PM | 0.006% | 690.50 | 1.166% | 27.15 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:26:58 PM | 0.006% | 690.50 | 2.031% | 27.39 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:00 PM | 0.006% | 690.50 | -1.762% | 26.36 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:02 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:04 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:06 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:08 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:10 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:12 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/16/2024 | 11:27:14 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:16 PM | 0.006% | 690.50 | 3.391% | 27.77 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:18 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:20 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:22 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:24 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:26 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:28 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:32 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:34 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:36 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:38 PM | 0.006% | 690.50 | 4.110% | 27.98 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:40 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:42 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.131% | 500.00 |
| 1/16/2024 | 11:27:44 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:46 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:48 PM | 0.006% | 690.50 | 3.027% | 27.67 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:50 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:52 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:54 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:56 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.189% | 499.71 |
| 1/16/2024 | 11:27:58 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:00 PM | 0.006% | 690.50 | 2.697% | 27.57 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:02 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:04 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:06 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:08 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:10 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:12 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:14 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:16 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:18 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:20 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:22 PM | 0.006% | 690.50 | -2.004% | 26.30 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:24 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:28:26 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:28 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:30 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:32 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:34 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:36 PM | 0.006% | 690.50 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:38 PM | 0.006% | 690.50 | -2.655% | 26.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:40 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:42 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:44 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:46 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:48 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:50 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:52 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:54 PM | 0.006% | 690.50 | 2.217% | 27.44 | -0.189% | 499.71 |
| 1/16/2024 | 11:28:56 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 11:28:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:00 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:02 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:04 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:06 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:08 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:10 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:12 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:14 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:16 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:18 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:20 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:22 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:24 PM | 0.006% | 690.50 | 4.501% | 28.09 | -0.131% | 500.00 |
| 1/16/2024 | 11:29:26 PM | 0.006% | 690.50 | -4.233% | 25.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:28 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:30 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:32 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:34 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:36 PM | 0.006% | 690.50 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:38 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:40 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:42 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:44 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:46 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:48 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:50 PM | 0.006% | 690.50 | -2.450% | 26.19 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:52 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.189% | 499.71 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:29:54 PM | 0.006% | 690.50 | -2.045% | 26.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:56 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.189% | 499.71 |
| 1/16/2024 | 11:29:58 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:00 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:02 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:04 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:06 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:08 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:10 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:12 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:14 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:16 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:18 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:20 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:22 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:24 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:26 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:28 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:30 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:32 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:34 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:36 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:38 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:40 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.131% | 500.00 |
| 1/16/2024 | 11:30:42 PM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/16/2024 | 11:30:44 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/16/2024 | 11:30:46 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 11:30:48 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/16/2024 | 11:30:50 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 11:30:52 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/16/2024 | 11:30:54 PM | 0.006% | 690.50 | -2.655% | 26.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:56 PM | 0.006% | 690.50 | -2.777% | 26.10 | -0.189% | 499.71 |
| 1/16/2024 | 11:30:58 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:00 PM | 0.006% | 690.50 | -2.614% | 26.15 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:02 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:04 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:06 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:08 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:10 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:12 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:14 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:16 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:18 PM | 0.006% | 690.50 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:20 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:31:22 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:24 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:26 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:28 PM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:30 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:32 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:34 PM | 0.006% | 690.50 | -3.604% | 25.90 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:36 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:38 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:40 PM | 0.006% | 690.50 | -0.846% | 26.60 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:42 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:44 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:31:46 PM | 0.006% | 690.50 | 1.956% | 27.36 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:48 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:50 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:52 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.131% | 500.00 |
| 1/16/2024 | 11:31:54 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/16/2024 | 11:31:56 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.073% | 500.29 |
| 1/16/2024 | 11:31:58 PM | 0.006% | 690.50 | 2.402% | 27.49 | -0.073% | 500.29 |
| 1/16/2024 | 11:32:00 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 11:32:02 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/16/2024 | 11:32:04 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:06 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:08 PM | 0.006% | 690.50 | 3.499% | 27.80 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:10 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:12 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:14 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:16 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:18 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:20 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:22 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:24 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:26 PM | 0.006% | 690.50 | 1.469% | 27.23 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:28 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:30 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:32 PM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:34 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:36 PM | 0.006% | 690.50 | -2.736% | 26.11 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:38 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:40 PM | 0.006% | 690.50 | -2.942% | 26.06 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:42 PM | 0.006% | 690.50 | -3.604% | 25.90 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:44 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.189% | 499.71 |
| 1/16/2024 | 11:32:46 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:48 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:32:50 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:52 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:54 PM | 0.006% | 690.50 | 1.919% | 27.35 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:56 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:32:58 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:00 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:02 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:04 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:06 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:08 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:10 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:12 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:14 PM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:16 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:18 PM | 0.006% | 690.50 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:20 PM | 0.006% | 690.50 | -2.736% | 26.11 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:22 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:24 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:26 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:28 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:30 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:32 PM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/16/2024 | 11:33:34 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.247% | 499.42 |
| 1/16/2024 | 11:33:36 PM | 0.006% | 690.50 | 2.771% | 27.59 | -0.305% | 499.13 |
| 1/16/2024 | 11:33:38 PM | 0.006% | 690.50 | 2.881% | 27.63 | -0.305% | 499.13 |
| 1/16/2024 | 11:33:40 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.305% | 499.13 |
| 1/16/2024 | 11:33:42 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:44 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:46 PM | 0.006% | 690.50 | -2.247% | 26.24 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:48 PM | 0.006% | 690.50 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:50 PM | 0.006% | 690.50 | 3.391% | 27.77 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:52 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:54 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:56 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.189% | 499.71 |
| 1/16/2024 | 11:33:58 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:00 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:02 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:04 PM | -0.037% | 690.20 | 3.063% | 27.68 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:06 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:08 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:10 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:12 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:14 PM | 0.006% | 690.50 | -0.925% | 26.58 | -0.247% | 499.42 |
| 1/16/2024 | 11:34:16 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.247% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:34:18 PM | 0.006% | 690.50 | -2.207% | 26.25 | -0.247% | 499.42 |
| 1/16/2024 | 11:34:20 PM | 0.006% | 690.50 | -1.562% | 26.42 | -0.305% | 499.13 |
| 1/16/2024 | 11:34:22 PM | 0.006% | 690.50 | -1.843% | 26.34 | -0.131% | 500.00 |
| 1/16/2024 | 11:34:24 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/16/2024 | 11:34:26 PM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/16/2024 | 11:34:28 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 11:34:30 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:32 PM | 0.006% | 690.50 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:34 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:36 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:38 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:40 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:42 PM | 0.006% | 690.50 | -1.402% | 26.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:44 PM | 0.006% | 690.50 | -4.445% | 25.69 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:46 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.247% | 499.42 |
| 1/16/2024 | 11:34:48 PM | 0.006% | 690.50 | -3.189% | 26.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:50 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:52 PM | 0.006% | 690.50 | -3.189% | 26.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:54 PM | 0.006% | 690.50 | 1.844% | 27.33 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:56 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.189% | 499.71 |
| 1/16/2024 | 11:34:58 PM | 0.006% | 690.50 | 0.170% | 26.88 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:00 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:02 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:04 PM | 0.006% | 690.50 | 2.476% | 27.51 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:06 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:08 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:10 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:12 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:14 PM | 0.006% | 690.50 | 0.441% | 26.95 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:16 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:18 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.131% | 500.00 |
| 1/16/2024 | 11:35:20 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/16/2024 | 11:35:22 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 11:35:24 PM | 0.006% | 690.50 | -2.328% | 26.22 | -0.131% | 500.00 |
| 1/16/2024 | 11:35:26 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.131% | 500.00 |
| 1/16/2024 | 11:35:28 PM | 0.006% | 690.50 | -1.602% | 26.41 | -0.073% | 500.29 |
| 1/16/2024 | 11:35:30 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/16/2024 | 11:35:32 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:34 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:36 PM | 0.006% | 690.50 | 0.054% | 26.84 | -0.189% | 499.71 |
| 1/16/2024 | 11:35:38 PM | 0.006% | 690.50 | -3.024% | 26.04 | -0.305% | 499.13 |
| 1/16/2024 | 11:35:40 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.305% | 499.13 |
| 1/16/2024 | 11:35:42 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.305% | 499.13 |
| 1/16/2024 | 11:35:44 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.247% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:35:46 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.247% | 499.42 |
| 1/16/2024 | 11:35:48 PM | 0.006% | 690.50 | -1.004% | 26.56 | -0.247% | 499.42 |
| 1/16/2024 | 11:35:50 PM | 0.006% | 690.50 | -1.044% | 26.55 | -0.247% | 499.42 |
| 1/16/2024 | 11:35:52 PM | 0.006% | 690.50 | -1.442% | 26.45 | -0.305% | 499.13 |
| 1/16/2024 | 11:35:54 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.305% | 499.13 |
| 1/16/2024 | 11:35:56 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.305% | 499.13 |
| 1/16/2024 | 11:35:58 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:00 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.247% | 499.42 |
| 1/16/2024 | 11:36:02 PM | 0.006% | 690.50 | 0.132% | 26.86 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:04 PM | 0.006% | 690.50 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:06 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:08 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:10 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/16/2024 | 11:36:12 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.131% | 500.00 |
| 1/16/2024 | 11:36:14 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:36:16 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/16/2024 | 11:36:18 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:20 PM | 0.006% | 690.50 | -2.860% | 26.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:22 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:24 PM | 0.006% | 690.50 | -2.655% | 26.14 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:26 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:28 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.247% | 499.42 |
| 1/16/2024 | 11:36:30 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:32 PM | -0.037% | 690.20 | 1.919% | 27.35 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:34 PM | -0.037% | 690.20 | 3.788% | 27.89 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:36 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:38 PM | 0.006% | 690.50 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:40 PM | 0.006% | 690.50 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:42 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:44 PM | -0.037% | 690.20 | 1.919% | 27.35 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:46 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:48 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:50 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:52 PM | 0.006% | 690.50 | 0.824% | 27.05 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:54 PM | 0.006% | 690.50 | 2.068% | 27.40 | -0.189% | 499.71 |
| 1/16/2024 | 11:36:56 PM | 0.006% | 690.50 | 0.325% | 26.92 | -0.305% | 499.13 |
| 1/16/2024 | 11:36:58 PM | 0.006% | 690.50 | 2.402% | 27.49 | -0.305% | 499.13 |
| 1/16/2024 | 11:37:00 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.247% | 499.42 |
| 1/16/2024 | 11:37:02 PM | 0.006% | 690.50 | 0.976% | 27.09 | -0.363% | 498.84 |
| 1/16/2024 | 11:37:04 PM | 0.006% | 690.50 | 2.254% | 27.45 | -0.363% | 498.84 |
| 1/16/2024 | 11:37:06 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.363% | 498.84 |
| 1/16/2024 | 11:37:08 PM | 0.006% | 690.50 | 1.393% | 27.21 | -0.363% | 498.84 |
| 1/16/2024 | 11:37:10 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.305% | 499.13 |
| 1/16/2024 | 11:37:12 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.247% | 499.42 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:37:14 PM | 0.006% | 690.50 | 2.439% | 27.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:37:16 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.189% | 499.71 |
| 1/16/2024 | 11:37:18 PM | 0.006% | 690.50 | 2.106% | 27.41 | -0.189% | 499.71 |
| 1/16/2024 | 11:37:20 PM | 0.006% | 690.50 | -0.179% | 26.78 | -0.189% | 499.71 |
| 1/16/2024 | 11:37:22 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.189% | 499.71 |
| 1/16/2024 | 11:37:24 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/16/2024 | 11:37:26 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/16/2024 | 11:37:28 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/16/2024 | 11:37:30 PM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 11:37:32 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/16/2024 | 11:37:34 PM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/16/2024 | 11:37:36 PM | 0.006% | 690.50 | -3.981% | 25.80 | -0.015% | 500.58 |
| 1/16/2024 | 11:37:38 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 11:37:40 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/16/2024 | 11:37:42 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/16/2024 | 11:37:44 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:46 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:48 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:50 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:52 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:54 PM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:56 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.131% | 500.00 |
| 1/16/2024 | 11:37:58 PM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:00 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:02 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:04 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:06 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:08 PM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:10 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:12 PM | -0.037% | 690.20 | 1.956% | 27.36 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:14 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:16 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:18 PM | -0.037% | 690.20 | 1.956% | 27.36 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:20 PM | 0.006% | 690.50 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:22 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:24 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:26 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:28 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:30 PM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/16/2024 | 11:38:32 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:34 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/16/2024 | 11:38:36 PM | 0.006% | 690.50 | 2.143% | 27.42 | -0.305% | 499.13 |
| 1/16/2024 | 11:38:38 PM | 0.006% | 690.50 | -2.166% | 26.26 | -0.305% | 499.13 |
| 1/16/2024 | 11:38:40 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.305% | 499.13 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:38:42 PM | 0.006% | 690.50 | -3.563% | 25.91 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:44 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:46 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:48 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:50 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:52 PM | -0.037% | 690.20 | 2.143% | 27.42 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:56 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.363% | 498.84 |
| 1/16/2024 | 11:38:58 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.363% | 498.84 |
| 1/16/2024 | 11:39:00 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.363% | 498.84 |
| 1/16/2024 | 11:39:02 PM | 0.006% | 690.50 | -0.649% | 26.66 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:04 PM | 0.006% | 690.50 | -0.964% | 26.57 | -0.247% | 499.42 |
| 1/16/2024 | 11:39:06 PM | 0.006% | 690.50 | -0.531% | 26.69 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:08 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.247% | 499.42 |
| 1/16/2024 | 11:39:10 PM | 0.006% | 690.50 | 0.938% | 27.08 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:12 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.247% | 499.42 |
| 1/16/2024 | 11:39:14 PM | 0.006% | 690.50 | 0.363% | 26.93 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:16 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:18 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:20 PM | -0.037% | 690.20 | -3.563% | 25.91 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:22 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:24 PM | 0.006% | 690.50 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:26 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:28 PM | 0.006% | 690.50 | -0.023% | 26.82 | -0.247% | 499.42 |
| 1/16/2024 | 11:39:30 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 11:39:32 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 11:39:34 PM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 11:39:36 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:38 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:40 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:42 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/16/2024 | 11:39:44 PM | 0.006% | 690.50 | 1.507% | 27.24 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:46 PM | 0.006% | 690.50 | -0.374% | 26.73 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:48 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:50 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:52 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.247% | 499.42 |
| 1/16/2024 | 11:39:54 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:56 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.305% | 499.13 |
| 1/16/2024 | 11:39:58 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.247% | 499.42 |
| 1/16/2024 | 11:40:00 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:02 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:04 PM | -0.037% | 690.20 | 3.027% | 27.67 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:06 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.247% | 499.42 |
| 1/16/2024 | 11:40:08 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.247% | 499.42 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:40:10 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.247% | 499.42 |
| 1/16/2024 | 11:40:12 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:14 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:16 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:18 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:20 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:22 PM | -0.037% | 690.20 | 2.328% | 27.47 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:24 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:26 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:28 PM | -0.037% | 690.20 | 3.246% | 27.73 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:30 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.363% | 498.84 |
| 1/16/2024 | 11:40:32 PM | -0.037% | 690.20 | -4.275% | 25.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:34 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:36 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:38 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:40 PM | 0.006% | 690.50 | 1.128% | 27.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:42 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:44 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.305% | 499.13 |
| 1/16/2024 | 11:40:46 PM | -0.037% | 690.20 | -3.355% | 25.96 | -0.305% | 499.13 |
| 1/16/2024 | 11:40:48 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.247% | 499.42 |
| 1/16/2024 | 11:40:50 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.305% | 499.13 |
| 1/16/2024 | 11:40:52 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.305% | 499.13 |
| 1/16/2024 | 11:40:54 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.305% | 499.13 |
| 1/16/2024 | 11:40:56 PM | 0.006% | 690.50 | 1.204% | 27.16 | -0.189% | 499.71 |
| 1/16/2024 | 11:40:58 PM | 0.006% | 690.50 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:00 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:02 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:04 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:06 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:08 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:10 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:12 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:14 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:16 PM | 0.006% | 690.50 | -0.806% | 26.61 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:18 PM | 0.006% | 690.50 | 1.695% | 27.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:20 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:22 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:24 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/16/2024 | 11:41:26 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:28 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:30 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:32 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:34 PM | 0.006% | 690.50 | 2.587% | 27.54 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:36 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:41:38 PM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:40 PM | 0.006% | 690.50 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 11:41:42 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.305% | 499.13 |
| 1/16/2024 | 11:41:44 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:46 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:48 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.247% | 499.42 |
| 1/16/2024 | 11:41:50 PM | -0.037% | 690.20 | 2.660% | 27.56 | -0.305% | 499.13 |
| 1/16/2024 | 11:41:52 PM | 0.006% | 690.50 | 2.954% | 27.65 | -0.363% | 498.84 |
| 1/16/2024 | 11:41:54 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.363% | 498.84 |
| 1/16/2024 | 11:41:56 PM | 0.006% | 690.50 | 2.254% | 27.45 | -0.363% | 498.84 |
| 1/16/2024 | 11:41:58 PM | 0.006% | 690.50 | -2.532% | 26.17 | -0.363% | 498.84 |
| 1/16/2024 | 11:42:00 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.363% | 498.84 |
| 1/16/2024 | 11:42:02 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.363% | 498.84 |
| 1/16/2024 | 11:42:04 PM | 0.006% | 690.50 | -1.964% | 26.31 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:06 PM | 0.006% | 690.50 | -1.322% | 26.48 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:08 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:10 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:12 PM | 0.006% | 690.50 | 1.544% | 27.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:14 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:16 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:18 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:20 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:22 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:24 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:26 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:28 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:30 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:32 PM | -0.037% | 690.20 | -2.819% | 26.09 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:34 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:36 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:38 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.189% | 499.71 |
| 1/16/2024 | 11:42:40 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.247% | 499.42 |
| 1/16/2024 | 11:42:42 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.247% | 499.42 |
| 1/16/2024 | 11:42:44 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:46 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:48 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:50 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/16/2024 | 11:42:52 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/16/2024 | 11:42:54 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/16/2024 | 11:42:56 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.131% | 500.00 |
| 1/16/2024 | 11:42:58 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:00 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:02 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:04 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:43:06 PM | 0.006% | 690.50 | 2.881% | 27.63 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:08 PM | 0.006% | 690.50 | -3.438% | 25.94 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:10 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:12 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:14 PM | -0.037% | 690.20 | -3.148% | 26.01 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:16 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:18 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:20 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:22 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:24 PM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:26 PM | -0.037% | 690.20 | 3.931% | 27.93 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:28 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:30 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:32 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:34 PM | -0.037% | 690.20 | -3.396% | 25.95 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:36 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:38 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 11:43:40 PM | -0.037% | 690.20 | 2.402% | 27.49 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:42 PM | -0.037% | 690.20 | 3.246% | 27.73 | -0.131% | 500.00 |
| 1/16/2024 | 11:43:44 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:46 PM | 0.006% | 690.50 | -1.642% | 26.40 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:48 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:50 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:52 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:54 PM | -0.037% | 690.20 | -2.777% | 26.10 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:56 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.189% | 499.71 |
| 1/16/2024 | 11:43:58 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:00 PM | -0.037% | 690.20 | 2.954% | 27.65 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:02 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 11:44:04 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/16/2024 | 11:44:06 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/16/2024 | 11:44:08 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/16/2024 | 11:44:10 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/16/2024 | 11:44:12 PM | -0.037% | 690.20 | -3.189% | 26.00 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:14 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:16 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:18 PM | 0.006% | 690.50 | 0.900% | 27.07 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:20 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:22 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:24 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:26 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:28 PM | -0.037% | 690.20 | -4.107% | 25.77 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:30 PM | -0.037% | 690.20 | -4.913% | 25.57 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:32 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:44:34 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:36 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:38 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:40 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:42 PM | 0.006% | 690.50 | -2.369% | 26.21 | -0.131% | 500.00 |
| 1/16/2024 | 11:44:44 PM | -0.037% | 690.20 | -3.897% | 25.82 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:46 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:48 PM | 0.006% | 690.50 | 1.318% | 27.19 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:50 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.189% | 499.71 |
| 1/16/2024 | 11:44:52 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.305% | 499.13 |
| 1/16/2024 | 11:44:54 PM | 0.006% | 690.50 | -0.335% | 26.74 | -0.305% | 499.13 |
| 1/16/2024 | 11:44:56 PM | 0.006% | 690.50 | -3.646% | 25.89 | -0.247% | 499.42 |
| 1/16/2024 | 11:44:58 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.305% | 499.13 |
| 1/16/2024 | 11:45:00 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:02 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.305% | 499.13 |
| 1/16/2024 | 11:45:04 PM | -0.037% | 690.20 | 3.209% | 27.72 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:06 PM | -0.037% | 690.20 | 2.439% | 27.50 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:08 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:10 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:12 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:14 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:16 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:18 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:20 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:22 PM | 0.006% | 690.50 | -1.522% | 26.43 | -0.131% | 500.00 |
| 1/16/2024 | 11:45:24 PM | 0.006% | 690.50 | -2.819% | 26.09 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:26 PM | -0.037% | 690.20 | 3.499% | 27.80 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:28 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:30 PM | 0.006% | 690.50 | -0.062% | 26.81 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:32 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.305% | 499.13 |
| 1/16/2024 | 11:45:34 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:36 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:38 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.305% | 499.13 |
| 1/16/2024 | 11:45:40 PM | 0.006% | 690.50 | -1.722% | 26.38 | -0.305% | 499.13 |
| 1/16/2024 | 11:45:42 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:44 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.247% | 499.42 |
| 1/16/2024 | 11:45:46 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:48 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:50 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:52 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:54 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:56 PM | -0.037% | 690.20 | 1.844% | 27.33 | -0.189% | 499.71 |
| 1/16/2024 | 11:45:58 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:00 PM | -0.037% | 690.20 | 1.732% | 27.30 | -0.189% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:46:02 PM | -0.037% | 690.20 | 2.990% | 27.66 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:04 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:06 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:08 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:10 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:12 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:14 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:16 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:18 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:20 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:22 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:24 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:26 PM | -0.037% | 690.20 | -0.140% | 26.79 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:28 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.363% | 498.84 |
| 1/16/2024 | 11:46:30 PM | 0.006% | 690.50 | 0.594% | 26.99 | -0.305% | 499.13 |
| 1/16/2024 | 11:46:32 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.247% | 499.42 |
| 1/16/2024 | 11:46:34 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.305% | 499.13 |
| 1/16/2024 | 11:46:36 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:38 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:40 PM | -0.037% | 690.20 | 3.499% | 27.80 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:42 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:44 PM | -0.037% | 690.20 | -4.065% | 25.78 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:46 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.247% | 499.42 |
| 1/16/2024 | 11:46:48 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.247% | 499.42 |
| 1/16/2024 | 11:46:50 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.305% | 499.13 |
| 1/16/2024 | 11:46:52 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:54 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:56 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.189% | 499.71 |
| 1/16/2024 | 11:46:58 PM | -0.037% | 690.20 | -4.275% | 25.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:00 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:02 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:04 PM | -0.037% | 690.20 | 4.039% | 27.96 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:06 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:08 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:10 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:12 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:14 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:16 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:18 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:20 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:22 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:24 PM | -0.037% | 690.20 | 2.439% | 27.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:26 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:28 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.189% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:47:30 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:32 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:34 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:36 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:38 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:40 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:42 PM | -0.037% | 690.20 | 3.173% | 27.71 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:44 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.189% | 499.71 |
| 1/16/2024 | 11:47:46 PM | -0.037% | 690.20 | 1.544% | 27.25 | -0.131% | 500.00 |
| 1/16/2024 | 11:47:48 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:47:50 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/16/2024 | 11:47:52 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/16/2024 | 11:47:54 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/16/2024 | 11:47:56 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 11:47:58 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:00 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:02 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:04 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/16/2024 | 11:48:06 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/16/2024 | 11:48:08 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.073% | 500.29 |
| 1/16/2024 | 11:48:10 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/16/2024 | 11:48:12 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 11:48:14 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/16/2024 | 11:48:16 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.131% | 500.00 |
| 1/16/2024 | 11:48:18 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.131% | 500.00 |
| 1/16/2024 | 11:48:20 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.131% | 500.00 |
| 1/16/2024 | 11:48:22 PM | -0.037% | 690.20 | 1.882% | 27.34 | -0.189% | 499.71 |
| 1/16/2024 | 11:48:24 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.189% | 499.71 |
| 1/16/2024 | 11:48:26 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:48:28 PM | -0.037% | 690.20 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/16/2024 | 11:48:30 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:32 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:34 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:36 PM | -0.037% | 690.20 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/16/2024 | 11:48:38 PM | -0.037% | 690.20 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/16/2024 | 11:48:40 PM | -0.037% | 690.20 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/16/2024 | 11:48:42 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 11:48:44 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.189% | 499.71 |
| 1/16/2024 | 11:48:46 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.305% | 499.13 |
| 1/16/2024 | 11:48:48 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.305% | 499.13 |
| 1/16/2024 | 11:48:50 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.305% | 499.13 |
| 1/16/2024 | 11:48:52 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.305% | 499.13 |
| 1/16/2024 | 11:48:54 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.305% | 499.13 |
| 1/16/2024 | 11:48:56 PM | -0.037% | 690.20 | 2.844% | 27.61 | -0.363% | 498.84 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:48:58 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.363% | 498.84 |
| 1/16/2024 | 11:49:00 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.363% | 498.84 |
| 1/16/2024 | 11:49:02 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.363% | 498.84 |
| 1/16/2024 | 11:49:04 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:06 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:08 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:10 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:12 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:14 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:16 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:18 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:20 PM | -0.037% | 690.20 | -0.023% | 26.82 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:22 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:24 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:26 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:28 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.247% | 499.42 |
| 1/16/2024 | 11:49:30 PM | -0.037% | 690.20 | 3.572% | 27.82 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:32 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:34 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:36 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:38 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.305% | 499.13 |
| 1/16/2024 | 11:49:40 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/16/2024 | 11:49:42 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.131% | 500.00 |
| 1/16/2024 | 11:49:44 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/16/2024 | 11:49:46 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/16/2024 | 11:49:48 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.189% | 499.71 |
| 1/16/2024 | 11:49:50 PM | -0.037% | 690.20 | -1.562% | 26.42 | -0.189% | 499.71 |
| 1/16/2024 | 11:49:52 PM | -0.037% | 690.20 | -2.942% | 26.06 | -0.189% | 499.71 |
| 1/16/2024 | 11:49:54 PM | -0.037% | 690.20 | -3.024% | 26.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:49:56 PM | -0.037% | 690.20 | -3.024% | 26.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:49:58 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:00 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:02 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:04 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:06 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:08 PM | -0.037% | 690.20 | -2.573% | 26.16 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:10 PM | -0.037% | 690.20 | -3.148% | 26.01 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:12 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:14 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:16 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:50:18 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 11:50:20 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.131% | 500.00 |
| 1/16/2024 | 11:50:22 PM | -0.037% | 690.20 | -3.813% | 25.84 | -0.131% | 500.00 |
| 1/16/2024 | 11:50:24 PM | -0.037% | 690.20 | -1.442% | 26.45 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:50:26 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:28 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:30 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:32 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:34 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.305% | 499.13 |
| 1/16/2024 | 11:50:36 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.247% | 499.42 |
| 1/16/2024 | 11:50:38 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.247% | 499.42 |
| 1/16/2024 | 11:50:40 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.247% | 499.42 |
| 1/16/2024 | 11:50:42 PM | -0.037% | 690.20 | 2.660% | 27.56 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:44 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:46 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:48 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:50 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:52 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:54 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:56 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:50:58 PM | -0.037% | 690.20 | -3.855% | 25.83 | -0.247% | 499.42 |
| 1/16/2024 | 11:51:00 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.247% | 499.42 |
| 1/16/2024 | 11:51:02 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:04 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:06 PM | -0.037% | 690.20 | 3.354% | 27.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:08 PM | -0.037% | 690.20 | -2.777% | 26.10 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:10 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:12 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:14 PM | -0.037% | 690.20 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:16 PM | -0.037% | 690.20 | -0.179% | 26.78 | -0.131% | 500.00 |
| 1/16/2024 | 11:51:18 PM | -0.037% | 690.20 | -3.024% | 26.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:20 PM | -0.037% | 690.20 | 0.824% | 27.05 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:22 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:24 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.247% | 499.42 |
| 1/16/2024 | 11:51:26 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.247% | 499.42 |
| 1/16/2024 | 11:51:28 PM | -0.037% | 690.20 | 2.476% | 27.51 | -0.247% | 499.42 |
| 1/16/2024 | 11:51:30 PM | 0.006% | 690.50 | 1.657% | 27.28 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:32 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:34 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:36 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.247% | 499.42 |
| 1/16/2024 | 11:51:38 PM | -0.037% | 690.20 | -3.771% | 25.85 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:40 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:42 PM | -0.037% | 690.20 | 0.633% | 27.00 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:44 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:46 PM | -0.037% | 690.20 | 2.439% | 27.50 | -0.305% | 499.13 |
| 1/16/2024 | 11:51:48 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:50 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:52 PM | -0.037% | 690.20 | 1.318% | 27.19 | -0.189% | 499.71 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:51:54 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:56 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:51:58 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:00 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:02 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.247% | 499.42 |
| 1/16/2024 | 11:52:04 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.305% | 499.13 |
| 1/16/2024 | 11:52:06 PM | 0.006% | 690.50 | 0.786% | 27.04 | -0.247% | 499.42 |
| 1/16/2024 | 11:52:08 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.247% | 499.42 |
| 1/16/2024 | 11:52:10 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.305% | 499.13 |
| 1/16/2024 | 11:52:12 PM | -0.037% | 690.20 | 2.143% | 27.42 | -0.305% | 499.13 |
| 1/16/2024 | 11:52:14 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:16 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:18 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:20 PM | -0.037% | 690.20 | -3.646% | 25.89 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:22 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:24 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:26 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:28 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:30 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:32 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:34 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:36 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:38 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:40 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:42 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:44 PM | -0.037% | 690.20 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:46 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.189% | 499.71 |
| 1/16/2024 | 11:52:48 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:50 PM | -0.037% | 690.20 | -1.242% | 26.50 | -0.131% | 500.00 |
| 1/16/2024 | 11:52:52 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.073% | 500.29 |
| 1/16/2024 | 11:52:54 PM | -0.037% | 690.20 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/16/2024 | 11:52:56 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/16/2024 | 11:52:58 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/16/2024 | 11:53:00 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 11:53:02 PM | -0.037% | 690.20 | 3.136% | 27.70 | -0.073% | 500.29 |
| 1/16/2024 | 11:53:04 PM | -0.037% | 690.20 | 3.136% | 27.70 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:06 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:08 PM | -0.037% | 690.20 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:10 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:12 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:14 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:16 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:18 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:20 PM | -0.037% | 690.20 | -1.562% | 26.42 | -0.189% | 499.71 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:53:22 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:24 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:26 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:28 PM | -0.037% | 690.20 | -3.771% | 25.85 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:30 PM | -0.037% | 690.20 | -3.065% | 26.03 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:32 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:34 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:36 PM | -0.037% | 690.20 | 2.807% | 27.60 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:38 PM | -0.037% | 690.20 | 1.280% | 27.18 | -0.189% | 499.71 |
| 1/16/2024 | 11:53:40 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:42 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:44 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:46 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:48 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:50 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:52 PM | -0.037% | 690.20 | 2.624% | 27.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:54 PM | -0.037% | 690.20 | 2.624% | 27.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:56 PM | -0.037% | 690.20 | 2.807% | 27.60 | -0.131% | 500.00 |
| 1/16/2024 | 11:53:58 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.131% | 500.00 |
| 1/16/2024 | 11:54:00 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:02 PM | -0.037% | 690.20 | 3.680% | 27.85 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:04 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:06 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:08 PM | -0.037% | 690.20 | 0.132% | 26.86 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:10 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:12 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:14 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.247% | 499.42 |
| 1/16/2024 | 11:54:16 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.305% | 499.13 |
| 1/16/2024 | 11:54:18 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.305% | 499.13 |
| 1/16/2024 | 11:54:20 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.305% | 499.13 |
| 1/16/2024 | 11:54:22 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.247% | 499.42 |
| 1/16/2024 | 11:54:24 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:26 PM | -0.037% | 690.20 | 3.391% | 27.77 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:28 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:30 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:32 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:34 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.189% | 499.71 |
| 1/16/2024 | 11:54:36 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 11:54:38 PM | -0.037% | 690.20 | -2.983% | 26.05 | -0.131% | 500.00 |
| 1/16/2024 | 11:54:40 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.131% | 500.00 |
| 1/16/2024 | 11:54:42 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/16/2024 | 11:54:44 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 11:54:46 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/16/2024 | 11:54:48 PM | -0.037% | 690.20 | -2.736% | 26.11 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:54:50 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/16/2024 | 11:54:52 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/16/2024 | 11:54:54 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/16/2024 | 11:54:56 PM | -0.037% | 690.20 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/16/2024 | 11:54:58 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/16/2024 | 11:55:00 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:02 PM | -0.037% | 690.20 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:04 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:06 PM | -0.037% | 690.20 | -2.655% | 26.14 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:08 PM | -0.037% | 690.20 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:10 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:12 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:14 PM | -0.037% | 690.20 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:16 PM | -0.037% | 690.20 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:18 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:20 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:22 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:24 PM | -0.037% | 690.20 | 2.771% | 27.59 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:26 PM | -0.037% | 690.20 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:28 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:30 PM | -0.037% | 690.20 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/16/2024 | 11:55:32 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:34 PM | -0.037% | 690.20 | -1.562% | 26.42 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:36 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:38 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:40 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:42 PM | -0.037% | 690.20 | -2.942% | 26.06 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:44 PM | -0.037% | 690.20 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:46 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:48 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/16/2024 | 11:55:50 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/16/2024 | 11:55:52 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.189% | 499.71 |
| 1/16/2024 | 11:55:54 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:55:56 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.305% | 499.13 |
| 1/16/2024 | 11:55:58 PM | -0.037% | 690.20 | -0.846% | 26.60 | -0.247% | 499.42 |
| 1/16/2024 | 11:56:00 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.247% | 499.42 |
| 1/16/2024 | 11:56:02 PM | -0.037% | 690.20 | -1.602% | 26.41 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:04 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:06 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:08 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:10 PM | -0.037% | 690.20 | 2.402% | 27.49 | -0.073% | 500.29 |
| 1/16/2024 | 11:56:12 PM | -0.037% | 690.20 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/16/2024 | 11:56:14 PM | -0.037% | 690.20 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/16/2024 | 11:56:16 PM | -0.037% | 690.20 | -2.819% | 26.09 | -0.189% | 499.71 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:56:18 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:20 PM | -0.037% | 690.20 | 5.029% | 28.25 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:22 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:24 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:26 PM | -0.037% | 690.20 | -1.762% | 26.36 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:28 PM | -0.037% | 690.20 | -2.736% | 26.11 | -0.189% | 499.71 |
| 1/16/2024 | 11:56:30 PM | -0.037% | 690.20 | -2.942% | 26.06 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:32 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:34 PM | -0.037% | 690.20 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:36 PM | -0.037% | 690.20 | -3.231% | 25.99 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:38 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:40 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:42 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:44 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:46 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:48 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:50 PM | -0.037% | 690.20 | -2.369% | 26.21 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:52 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:54 PM | -0.037% | 690.20 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:56 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:56:58 PM | -0.037% | 690.20 | -2.532% | 26.17 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:00 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:02 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:04 PM | -0.037% | 690.20 | 2.068% | 27.40 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:06 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:08 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:10 PM | -0.037% | 690.20 | 0.054% | 26.84 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:12 PM | -0.037% | 690.20 | 0.363% | 26.93 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:14 PM | -0.037% | 690.20 | -1.004% | 26.56 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:16 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:18 PM | -0.037% | 690.20 | -1.123% | 26.53 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:20 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:22 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/16/2024 | 11:57:24 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.073% | 500.29 |
| 1/16/2024 | 11:57:26 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 11:57:28 PM | -0.037% | 690.20 | -2.328% | 26.22 | -0.131% | 500.00 |
| 1/16/2024 | 11:57:30 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 11:57:32 PM | -0.037% | 690.20 | -2.207% | 26.25 | -0.131% | 500.00 |
| 1/16/2024 | 11:57:34 PM | -0.037% | 690.20 | 0.786% | 27.04 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:36 PM | -0.037% | 690.20 | 0.556% | 26.98 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:38 PM | 0.006% | 690.50 | -1.242% | 26.50 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:40 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:42 PM | -0.037% | 690.20 | 3.136% | 27.70 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:44 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.189% | 499.71 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:57:46 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/16/2024 | 11:57:48 PM | -0.037% | 690.20 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/16/2024 | 11:57:50 PM | -0.037% | 690.20 | -2.614% | 26.15 | -0.131% | 500.00 |
| 1/16/2024 | 11:57:52 PM | -0.037% | 690.20 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:57:54 PM | -0.037% | 690.20 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/16/2024 | 11:57:56 PM | -0.037% | 690.20 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/16/2024 | 11:57:58 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/16/2024 | 11:58:00 PM | -0.037% | 690.20 | -2.166% | 26.26 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:02 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:04 PM | -0.037% | 690.20 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:06 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:08 PM | -0.037% | 690.20 | 2.254% | 27.45 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:10 PM | -0.037% | 690.20 | 3.931% | 27.93 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:12 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:14 PM | -0.037% | 690.20 | -2.045% | 26.29 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:16 PM | -0.037% | 690.20 | -1.722% | 26.38 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:18 PM | -0.037% | 690.20 | 1.014% | 27.10 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:20 PM | -0.037% | 690.20 | -1.964% | 26.31 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:22 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:24 PM | -0.037% | 690.20 | 2.587% | 27.54 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:26 PM | -0.037% | 690.20 | 2.106% | 27.41 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:28 PM | -0.037% | 690.20 | -0.570% | 26.68 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:30 PM | -0.037% | 690.20 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:32 PM | -0.037% | 690.20 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/16/2024 | 11:58:34 PM | -0.037% | 690.20 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:36 PM | -0.037% | 690.20 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:38 PM | -0.037% | 690.20 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:40 PM | -0.037% | 690.20 | -1.923% | 26.32 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:42 PM | -0.037% | 690.20 | 2.291% | 27.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:44 PM | -0.037% | 690.20 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:46 PM | -0.037% | 690.20 | 1.393% | 27.21 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:48 PM | -0.037% | 690.20 | -3.604% | 25.90 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:50 PM | -0.037% | 690.20 | 3.680% | 27.85 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:52 PM | -0.037% | 690.20 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:54 PM | -0.037% | 690.20 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/16/2024 | 11:58:56 PM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/16/2024 | 11:58:58 PM | -0.037% | 690.20 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/16/2024 | 11:59:00 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/16/2024 | 11:59:02 PM | -0.037% | 690.20 | -3.396% | 25.95 | -0.073% | 500.29 |
| 1/16/2024 | 11:59:04 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/16/2024 | 11:59:06 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/16/2024 | 11:59:08 PM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:10 PM | -0.037% | 690.20 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:12 PM | -0.037% | 690.20 | -2.125% | 26.27 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/16/2024 | 11:59:14 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:16 PM | -0.037% | 690.20 | 1.128% | 27.14 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:18 PM | -0.037% | 690.20 | 2.624% | 27.55 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:20 PM | -0.037% | 690.20 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:22 PM | -0.037% | 690.20 | -0.964% | 26.57 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:24 PM | -0.037% | 690.20 | -1.402% | 26.46 | -0.189% | 499.71 |
| 1/16/2024 | 11:59:26 PM | -0.037% | 690.20 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/16/2024 | 11:59:28 PM | -0.037% | 690.20 | 0.325% | 26.92 | -0.189% | 499.71 |
| 1/16/2024 | 11:59:30 PM | -0.037% | 690.20 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/16/2024 | 11:59:32 PM | -0.037% | 690.20 | -2.450% | 26.19 | -0.189% | 499.71 |
| 1/16/2024 | 11:59:34 PM | -0.037% | 690.20 | -1.522% | 26.43 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:36 PM | -0.037% | 690.20 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:38 PM | -0.037% | 690.20 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:40 PM | -0.037% | 690.20 | 6.137% | 28.58 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:42 PM | -0.037% | 690.20 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:44 PM | -0.037% | 690.20 | -2.410% | 26.20 | -0.305% | 499.13 |
| 1/16/2024 | 11:59:46 PM | -0.037% | 690.20 | -0.374% | 26.73 | -0.247% | 499.42 |
| 1/16/2024 | 11:59:48 PM | -0.037% | 690.20 | 0.900% | 27.07 | -0.247% | 499.42 |
| 1/16/2024 | 11:59:50 PM | -0.037% | 690.20 | 1.507% | 27.24 | -0.305% | 499.13 |
| 1/16/2024 | 11:59:52 PM | -0.037% | 690.20 | -2.004% | 26.30 | -0.247% | 499.42 |
| 1/16/2024 | 11:59:54 PM | -0.037% | 690.20 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:56 PM | -0.037% | 690.20 | 0.170% | 26.88 | -0.131% | 500.00 |
| 1/16/2024 | 11:59:58 PM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:00 AM | -0.037% | 690.20 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:02 AM | -0.037% | 690.20 | -0.570% | 26.68 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:04 AM | -0.037% | 690.20 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:06 AM | -0.037% | 690.20 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:08 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:10 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:12 AM | -0.037% | 690.20 | 1.469% | 27.23 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:14 AM | -0.037% | 690.20 | -1.322% | 26.48 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:16 AM | -0.037% | 690.20 | -1.402% | 26.46 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:18 AM | -0.037% | 690.20 | -1.242% | 26.50 | -0.247% | 499.42 |
| 1/17/2024 | 12:00:20 AM | -0.037% | 690.20 | 0.402% | 26.94 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:22 AM | -0.037% | 690.20 | 1.014% | 27.10 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:24 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:28 AM | -0.037% | 690.20 | 2.328% | 27.47 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:30 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.189% | 499.71 |
| 1/17/2024 | 12:00:32 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.247% | 499.42 |
| 1/17/2024 | 12:00:34 AM | -0.037% | 690.20 | 0.633% | 27.00 | -0.305% | 499.13 |
| 1/17/2024 | 12:00:36 AM | -0.037% | 690.20 | -0.728% | 26.64 | -0.247% | 499.42 |
| 1/17/2024 | 12:00:38 AM | -0.037% | 690.20 | 0.248% | 26.90 | -0.247% | 499.42 |
| 1/17/2024 | 12:00:40 AM | -0.037% | 690.20 | -1.722% | 26.38 | -0.305% | 499.13 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:00:42 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.247% | 499.42 |
| 1/17/2024 | 12:00:44 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.305% | 499.13 |
| 1/17/2024 | 12:00:46 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:48 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:50 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:52 AM | -0.037% | 690.20 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:54 AM | -0.037% | 690.20 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:56 AM | -0.037% | 690.20 | 1.318% | 27.19 | -0.131% | 500.00 |
| 1/17/2024 | 12:00:58 AM | -0.037% | 690.20 | 2.291% | 27.46 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:00 AM | -0.037% | 690.20 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:02 AM | -0.037% | 690.20 | 3.318% | 27.75 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:04 AM | -0.037% | 690.20 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:06 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:10 AM | -0.037% | 690.20 | 2.402% | 27.49 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:12 AM | -0.037% | 690.20 | 3.063% | 27.68 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:14 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:16 AM | -0.037% | 690.20 | -0.964% | 26.57 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:20 AM | -0.037% | 690.20 | -0.179% | 26.78 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:22 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:26 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:30 AM | -0.037% | 690.20 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:32 AM | -0.037% | 690.20 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:34 AM | -0.037% | 690.20 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:36 AM | -0.037% | 690.20 | -4.913% | 25.57 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:38 AM | -0.037% | 690.20 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:40 AM | -0.037% | 690.20 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 12:01:46 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:48 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.131% | 500.00 |
| 1/17/2024 | 12:01:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:52 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:54 AM | -0.037% | 690.20 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:56 AM | -0.037% | 690.20 | 2.587% | 27.54 | -0.189% | 499.71 |
| 1/17/2024 | 12:01:58 AM | -0.037% | 690.20 | 5.517% | 28.40 | -0.131% | 500.00 |
| 1/17/2024 | 12:02:00 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.131% | 500.00 |
| 1/17/2024 | 12:02:02 AM | -0.037% | 690.20 | -4.023% | 25.79 | -0.073% | 500.29 |
| 1/17/2024 | 12:02:04 AM | -0.037% | 690.20 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/17/2024 | 12:02:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 12:02:08 AM | -0.037% | 690.20 | -1.163% | 26.52 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:02:10 AM | -0.037% | 690.20 | -3.272% | 25.98 | -0.073% | 500.29 |
| 1/17/2024 | 12:02:12 AM | -0.037% | 690.20 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 12:02:14 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:16 AM | -0.037% | 690.20 | -1.442% | 26.45 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:18 AM | -0.037% | 690.20 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:20 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:22 AM | -0.037% | 690.20 | -1.402% | 26.46 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:24 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:28 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:30 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:32 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:34 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:38 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:40 AM | -0.037% | 690.20 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 12:02:42 AM | -0.037% | 690.20 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:44 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:48 AM | -0.037% | 690.20 | -2.532% | 26.17 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:50 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:52 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 12:02:54 AM | -0.037% | 690.20 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 12:02:56 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.042% | 500.87 |
| 1/17/2024 | 12:02:58 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:03:00 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 12:03:02 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:04 AM | -0.037% | 690.20 | 1.014% | 27.10 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:06 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:08 AM | -0.037% | 690.20 | 1.657% | 27.28 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:10 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:12 AM | -0.037% | 690.20 | 0.709% | 27.02 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:14 AM | -0.037% | 690.20 | 3.063% | 27.68 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:16 AM | -0.037% | 690.20 | 2.771% | 27.59 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:18 AM | -0.037% | 690.20 | 1.393% | 27.21 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:20 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.215% | 501.74 |
| 1/17/2024 | 12:03:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:24 AM | -0.037% | 690.20 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:26 AM | -0.037% | 690.20 | -4.065% | 25.78 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:28 AM | -0.037% | 690.20 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:30 AM | -0.037% | 690.20 | 0.900% | 27.07 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:32 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:34 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:36 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.158% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:03:38 AM | -0.037% | 690.20 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:40 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:42 AM | -0.037% | 690.20 | -2.045% | 26.29 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:44 AM | -0.037% | 690.20 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:46 AM | -0.037% | 690.20 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:48 AM | -0.037% | 690.20 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:50 AM | -0.037% | 690.20 | 0.594% | 26.99 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:52 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:54 AM | -0.037% | 690.20 | -1.242% | 26.50 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:56 AM | -0.037% | 690.20 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 12:03:58 AM | -0.037% | 690.20 | 2.068% | 27.40 | 0.215% | 501.74 |
| 1/17/2024 | 12:04:00 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 12:04:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 12:04:04 AM | -0.037% | 690.20 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:06 AM | -0.037% | 690.20 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:08 AM | -0.037% | 690.20 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:10 AM | -0.037% | 690.20 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:12 AM | -0.037% | 690.20 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:14 AM | -0.037% | 690.20 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:16 AM | -0.037% | 690.20 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:18 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:20 AM | -0.037% | 690.20 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:22 AM | -0.037% | 690.20 | 3.027% | 27.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:24 AM | -0.037% | 690.20 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 12:04:26 AM | -0.037% | 690.20 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:28 AM | -0.037% | 690.20 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:32 AM | -0.037% | 690.20 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:34 AM | -0.037% | 690.20 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:36 AM | -0.037% | 690.20 | -3.024% | 26.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:38 AM | 0.006% | 690.50 | -3.479% | 25.93 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:40 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:42 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:44 AM | -0.037% | 690.20 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:46 AM | -0.037% | 690.20 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:48 AM | -0.037% | 690.20 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:50 AM | -0.037% | 690.20 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:52 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:54 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 12:04:58 AM | -0.037% | 690.20 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:00 AM | -0.037% | 690.20 | 3.788% | 27.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:02 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:04 AM | -0.037% | 690.20 | 2.697% | 27.57 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:05:06 AM | -0.037% | 690.20 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 12:05:08 AM | -0.037% | 690.20 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 12:05:10 AM | -0.037% | 690.20 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 12:05:12 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:14 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:16 AM | -0.037% | 690.20 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:18 AM | -0.037% | 690.20 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:20 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:22 AM | -0.037% | 690.20 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:24 AM | -0.037% | 690.20 | 2.439% | 27.50 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:26 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:32 AM | -0.037% | 690.20 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:34 AM | -0.037% | 690.20 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:36 AM | -0.037% | 690.20 | -2.983% | 26.05 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:38 AM | -0.037% | 690.20 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:40 AM | -0.037% | 690.20 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:42 AM | -0.037% | 690.20 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:44 AM | -0.037% | 690.20 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:46 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:48 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 12:05:50 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 12:05:52 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 12:05:54 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:56 AM | -0.037% | 690.20 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 12:05:58 AM | -0.037% | 690.20 | 4.748% | 28.17 | 0.100% | 501.16 |
| 1/17/2024 | 12:06:00 AM | -0.037% | 690.20 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 12:06:02 AM | -0.037% | 690.20 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 12:06:04 AM | -0.037% | 690.20 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:06 AM | -0.037% | 690.20 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:08 AM | -0.037% | 690.20 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:12 AM | -0.037% | 690.20 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 12:06:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 12:06:16 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 12:06:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/17/2024 | 12:06:20 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.073% | 500.29 |
| 1/17/2024 | 12:06:22 AM | -0.037% | 690.20 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/17/2024 | 12:06:24 AM | -0.037% | 690.20 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:26 AM | -0.037% | 690.20 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:30 AM | -0.037% | 690.20 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:06:34 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:36 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:38 AM | -0.037% | 690.20 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:40 AM | -0.037% | 690.20 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:42 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:44 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:46 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/17/2024 | 12:06:48 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:56 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 12:06:58 AM | -0.037% | 690.20 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:00 AM | 0.006% | 690.50 | 3.572% | 27.82 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:02 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:04 AM | -0.037% | 690.20 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:06 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:08 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:10 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:14 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:16 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:18 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:20 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:22 AM | -0.037% | 690.20 | -2.655% | 26.14 | 0.100% | 501.16 |
| 1/17/2024 | 12:07:24 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.100% | 501.16 |
| 1/17/2024 | 12:07:26 AM | -0.037% | 690.20 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 12:07:28 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 12:07:30 AM | -0.037% | 690.20 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 12:07:32 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:34 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:38 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:40 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:44 AM | -0.037% | 690.20 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:07:46 AM | -0.037% | 690.20 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:48 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:50 AM | -0.037% | 690.20 | -2.328% | 26.22 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:52 AM | -0.037% | 690.20 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:54 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 12:07:58 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:00 AM | -0.037% | 690.20 | 1.166% | 27.15 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:08:02 AM | -0.037% | 690.20 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:04 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:06 AM | -0.037% | 690.20 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:08 AM | -0.037% | 690.20 | 3.209% | 27.72 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:10 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:12 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:14 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:16 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:18 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:20 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:22 AM | -0.037% | 690.20 | 3.209% | 27.72 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:24 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:26 AM | -0.037% | 690.20 | -4.233% | 25.74 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:28 AM | -0.037% | 690.20 | 1.844% | 27.33 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:30 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:32 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:34 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.100% | 501.16 |
| 1/17/2024 | 12:08:36 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:38 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:40 AM | -0.037% | 690.20 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:42 AM | -0.037% | 690.20 | 2.624% | 27.55 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:44 AM | -0.037% | 690.20 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:46 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:48 AM | -0.037% | 690.20 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:50 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:52 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:56 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.042% | 500.87 |
| 1/17/2024 | 12:08:58 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:00 AM | -0.037% | 690.20 | 1.318% | 27.19 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:02 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:04 AM | -0.037% | 690.20 | -1.722% | 26.38 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:06 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:08 AM | -0.037% | 690.20 | -0.413% | 26.72 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:10 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:12 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:14 AM | -0.037% | 690.20 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 12:09:16 AM | -0.037% | 690.20 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 12:09:18 AM | -0.037% | 690.20 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 12:09:20 AM | -0.037% | 690.20 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:22 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:24 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:26 AM | -0.037% | 690.20 | 0.402% | 26.94 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:28 AM | -0.037% | 690.20 | -2.532% | 26.17 | 0.215% | 501.74 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:09:30 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.215% | 501.74 |
| 1/17/2024 | 12:09:32 AM | -0.037% | 690.20 | 3.535% | 27.81 | 0.273% | 502.03 |
| 1/17/2024 | 12:09:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.273% | 502.03 |
| 1/17/2024 | 12:09:36 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.273% | 502.03 |
| 1/17/2024 | 12:09:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.273% | 502.03 |
| 1/17/2024 | 12:09:40 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |
| 1/17/2024 | 12:09:42 AM | -0.037% | 690.20 | -0.925% | 26.58 | 0.158% | 501.45 |
| 1/17/2024 | 12:09:44 AM | -0.037% | 690.20 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 12:09:46 AM | -0.037% | 690.20 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:48 AM | -0.037% | 690.20 | 0.747% | 27.03 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:50 AM | -0.037% | 690.20 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:52 AM | -0.037% | 690.20 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 12:09:54 AM | -0.037% | 690.20 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 12:09:56 AM | -0.037% | 690.20 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 12:09:58 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 12:10:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.158% | 501.45 |
| 1/17/2024 | 12:10:02 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 12:10:04 AM | -0.037% | 690.20 | 0.209% | 26.89 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:06 AM | -0.037% | 690.20 | -2.450% | 26.19 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:08 AM | -0.037% | 690.20 | -3.148% | 26.01 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:10 AM | -0.037% | 690.20 | 0.054% | 26.84 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:12 AM | -0.037% | 690.20 | -1.642% | 26.40 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:14 AM | -0.037% | 690.20 | -2.328% | 26.22 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:16 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:18 AM | 0.006% | 690.50 | 3.535% | 27.81 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:22 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:24 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:28 AM | 0.006% | 690.50 | 3.752% | 27.88 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:30 AM | -0.037% | 690.20 | 2.291% | 27.46 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:32 AM | -0.037% | 690.20 | -2.207% | 26.25 | 0.158% | 501.45 |
| 1/17/2024 | 12:10:34 AM | -0.037% | 690.20 | 0.976% | 27.09 | 0.158% | 501.45 |
| 1/17/2024 | 12:10:36 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 12:10:38 AM | -0.037% | 690.20 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:40 AM | -0.037% | 690.20 | 0.248% | 26.90 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:42 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:44 AM | -0.037% | 690.20 | -3.189% | 26.00 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:46 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:48 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.215% | 501.74 |
| 1/17/2024 | 12:10:50 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:52 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:54 AM | -0.037% | 690.20 | 1.956% | 27.36 | 0.273% | 502.03 |
| 1/17/2024 | 12:10:56 AM | -0.037% | 690.20 | -3.231% | 25.99 | 0.273% | 502.03 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:10:58 AM | -0.037% | 690.20 | -2.450% | 26.19 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:00 AM | -0.037% | 690.20 | -1.322% | 26.48 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:02 AM | -0.037% | 690.20 | -1.362% | 26.47 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:04 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:08 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:10 AM | -0.037% | 690.20 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 12:11:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 12:11:14 AM | -0.037% | 690.20 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 12:11:16 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.158% | 501.45 |
| 1/17/2024 | 12:11:18 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 12:11:20 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 12:11:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:28 AM | -0.037% | 690.20 | -0.964% | 26.57 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:30 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:32 AM | -0.037% | 690.20 | 0.132% | 26.86 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:34 AM | -0.037% | 690.20 | -2.369% | 26.21 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:40 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:44 AM | 0.006% | 690.50 | -3.563% | 25.91 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:46 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:48 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:50 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:52 AM | -0.037% | 690.20 | -0.649% | 26.66 | 0.215% | 501.74 |
| 1/17/2024 | 12:11:54 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:56 AM | -0.037% | 690.20 | 0.900% | 27.07 | 0.273% | 502.03 |
| 1/17/2024 | 12:11:58 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:00 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:02 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:04 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:06 AM | 0.006% | 690.50 | 3.788% | 27.89 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:08 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:10 AM | -0.037% | 690.20 | -1.203% | 26.51 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:12 AM | -0.037% | 690.20 | 1.204% | 27.16 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:14 AM | 0.006% | 690.50 | 4.324% | 28.04 | 0.330% | 502.31 |
| 1/17/2024 | 12:12:16 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.330% | 502.31 |
| 1/17/2024 | 12:12:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:20 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:22 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:24 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.215% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:12:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:28 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:30 AM | -0.037% | 690.20 | 0.015% | 26.83 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:32 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:34 AM | -0.037% | 690.20 | -1.843% | 26.34 | 0.215% | 501.74 |
| 1/17/2024 | 12:12:36 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:38 AM | 0.006% | 690.50 | 4.607% | 28.13 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:40 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:42 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:44 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:46 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:50 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:54 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:56 AM | -0.037% | 690.20 | -0.846% | 26.60 | 0.273% | 502.03 |
| 1/17/2024 | 12:12:58 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:00 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:02 AM | 0.006% | 690.50 | 4.784% | 28.18 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:04 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:06 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:08 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:14 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:16 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:18 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:20 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:22 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:24 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:28 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:30 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:32 AM | -0.037% | 690.20 | -1.803% | 26.35 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:34 AM | -0.037% | 690.20 | -0.453% | 26.71 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:36 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:38 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:40 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:42 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:48 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.273% | 502.03 |
| 1/17/2024 | 12:13:50 AM | -0.037% | 690.20 | -1.722% | 26.38 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:52 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.215% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:13:54 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:56 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 12:13:58 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:02 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:04 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:06 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:10 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:16 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:18 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:22 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:24 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:28 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:30 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:32 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:34 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:36 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:38 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.158% | 501.45 |
| 1/17/2024 | 12:14:40 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:44 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:46 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:48 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:52 AM | -0.037% | 690.20 | 1.128% | 27.14 | 0.215% | 501.74 |
| 1/17/2024 | 12:14:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:56 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.273% | 502.03 |
| 1/17/2024 | 12:14:58 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:00 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:02 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:04 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:06 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:08 AM | -0.037% | 690.20 | -0.257% | 26.76 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:10 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:14 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:16 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.158% | 501.45 |
| 1/17/2024 | 12:15:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 12:15:20 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.273% | 502.03 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|---------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:15:22 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:24 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:26 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:30 AM | -0.037% | 690.20 | -1.562% | 26.42 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:32 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:34 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:36 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:38 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.273% | 502.03 |
| 1/17/2024 | 12:15:40 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:42 AM | 0.006% | 690.50 | 2.990% | 27.66 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:44 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:46 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:48 AM | -0.037% | 690.20 | -1.044% | 26.55 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:50 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:52 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:56 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 12:15:58 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:00 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:02 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:04 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:06 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:08 AM | 0.006% | 690.50 | -3.479% | 25.93 | 0.273% | 502.03 |
| 1/17/2024 | 12:16:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.273% | 502.03 |
| 1/17/2024 | 12:16:12 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:14 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:16 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 12:16:20 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.100% | 501.16 |
| 1/17/2024 | 12:16:22 AM | 0.006% | 690.50 | 6.512% | 28.70 | 0.100% | 501.16 |
| 1/17/2024 | 12:16:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 12:16:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:28 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:32 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:36 AM | -0.037% | 690.20 | -0.806% | 26.61 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:42 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.215% | 501.74 |
| 1/17/2024 | 12:16:44 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:46 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:48 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:16:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:52 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:54 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:56 AM | -0.037% | 690.20 | -4.023% | 25.79 | 0.158% | 501.45 |
| 1/17/2024 | 12:16:58 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 12:17:00 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.158% | 501.45 |
| 1/17/2024 | 12:17:02 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 12:17:04 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 12:17:06 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.100% | 501.16 |
| 1/17/2024 | 12:17:08 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/17/2024 | 12:17:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:14 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:16 AM | -0.037% | 690.20 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:18 AM | -0.037% | 690.20 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:20 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:22 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:26 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:28 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 12:17:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 12:17:34 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:36 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:42 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 12:17:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 12:17:46 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:17:48 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/17/2024 | 12:17:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.131% | 500.00 |
| 1/17/2024 | 12:17:52 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.131% | 500.00 |
| 1/17/2024 | 12:17:54 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/17/2024 | 12:17:56 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.131% | 500.00 |
| 1/17/2024 | 12:17:58 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:00 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:04 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:10 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:12 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:14 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:16 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:18:18 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:20 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:22 AM | 0.006% | 690.50 | 2.513% | 27.52 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:24 AM | 0.006% | 690.50 | 3.173% | 27.71 | -0.131% | 500.00 |
| 1/17/2024 | 12:18:26 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:28 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:30 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:32 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:34 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:36 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:38 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:42 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:44 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:46 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.189% | 499.71 |
| 1/17/2024 | 12:18:48 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:50 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:52 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:56 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 12:18:58 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:00 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:12 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:18 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:20 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:22 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:24 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.189% | 499.71 |
| 1/17/2024 | 12:19:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/17/2024 | 12:19:28 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.189% | 499.71 |
| 1/17/2024 | 12:19:30 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.189% | 499.71 |
| 1/17/2024 | 12:19:32 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.189% | 499.71 |
| 1/17/2024 | 12:19:34 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.189% | 499.71 |
| 1/17/2024 | 12:19:36 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:38 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:40 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:42 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:19:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:48 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:50 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/17/2024 | 12:19:52 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:54 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:56 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/17/2024 | 12:19:58 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:00 AM | 0.006% | 690.50 | 2.328% | 27.47 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:02 AM | 0.006% | 690.50 | -3.813% | 25.84 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:04 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:06 AM | 0.006% | 690.50 | 2.990% | 27.66 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:08 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:14 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 12:20:16 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:18 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:20 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:22 AM | 0.006% | 690.50 | 4.039% | 27.96 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:24 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 12:20:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 12:20:30 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 12:20:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:20:34 AM | 0.006% | 690.50 | 2.954% | 27.65 | -0.015% | 500.58 |
| 1/17/2024 | 12:20:36 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/17/2024 | 12:20:38 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:40 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:42 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:44 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:46 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:48 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:50 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 12:20:52 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/17/2024 | 12:20:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.189% | 499.71 |
| 1/17/2024 | 12:20:56 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/17/2024 | 12:20:58 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:00 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:02 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:04 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:06 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:08 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:10 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.189% | 499.71 |
| 1/17/2024 | 12:21:12 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.189% | 499.71 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|---------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:21:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:16 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:18 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:20 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:22 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:30 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:32 AM | -0.037% | 690.20 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:34 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:36 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:38 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:40 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:42 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:44 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:46 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:48 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:50 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:52 AM | 0.006% | 690.50 | -5.041% | 25.54 | -0.131% | 500.00 |
| 1/17/2024 | 12:21:54 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:56 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/17/2024 | 12:21:58 AM | 0.006% | 690.50 | -3.688% | 25.88 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:00 AM | 0.006% | 690.50 | -3.272% | 25.98 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:04 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:08 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:12 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:14 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:16 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:20 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:22 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:24 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:26 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:28 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:32 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:34 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:40 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:22:42 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:44 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:48 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:50 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:54 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.131% | 500.00 |
| 1/17/2024 | 12:22:56 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/17/2024 | 12:22:58 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:00 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:02 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:04 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:06 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:10 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:12 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:16 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:18 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:20 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:22 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:24 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:26 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:28 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:30 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:32 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.189% | 499.71 |
| 1/17/2024 | 12:23:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.189% | 499.71 |
| 1/17/2024 | 12:23:36 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.189% | 499.71 |
| 1/17/2024 | 12:23:38 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.189% | 499.71 |
| 1/17/2024 | 12:23:40 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.189% | 499.71 |
| 1/17/2024 | 12:23:42 AM | 0.006% | 690.50 | 4.643% | 28.14 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:44 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:46 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:48 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/17/2024 | 12:23:52 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:54 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:56 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 12:23:58 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:00 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:02 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:06 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:08 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:24:10 AM | 0.006% | 690.50 | -3.231% | 25.99 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:12 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:14 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:16 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:18 AM | 0.006% | 690.50 | 3.752% | 27.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:20 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 12:24:22 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 12:24:24 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:24:26 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:30 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:34 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:38 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:40 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/17/2024 | 12:24:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/17/2024 | 12:24:46 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.131% | 500.00 |
| 1/17/2024 | 12:24:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 12:24:50 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:52 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 12:24:54 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:56 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.015% | 500.58 |
| 1/17/2024 | 12:24:58 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:00 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:04 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:06 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:10 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:12 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.131% | 500.00 |
| 1/17/2024 | 12:25:14 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 12:25:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/17/2024 | 12:25:18 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/17/2024 | 12:25:20 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 12:25:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.131% | 500.00 |
| 1/17/2024 | 12:25:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:26 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:28 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:30 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:34 AM | 0.006% | 690.50 | -4.529% | 25.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:36 AM | 0.006% | 690.50 | 4.748% | 28.17 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:25:38 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:40 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:25:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:46 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:48 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:50 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:52 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:54 AM | 0.006% | 690.50 | -4.233% | 25.74 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 12:25:58 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 12:26:00 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:02 AM | 0.006% | 690.50 | 5.862% | 28.50 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:04 AM | 0.006% | 690.50 | -3.771% | 25.85 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:06 AM | 0.006% | 690.50 | -3.563% | 25.91 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:08 AM | 0.006% | 690.50 | -4.913% | 25.57 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:10 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:12 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 12:26:14 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.073% | 500.29 |
| 1/17/2024 | 12:26:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 12:26:18 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 12:26:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 12:26:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 12:26:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 12:26:26 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 12:26:28 AM | 0.006% | 690.50 | -5.041% | 25.54 | 0.042% | 500.87 |
| 1/17/2024 | 12:26:30 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.042% | 500.87 |
| 1/17/2024 | 12:26:32 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 12:26:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:26:36 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:26:38 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:26:40 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/17/2024 | 12:26:42 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/17/2024 | 12:26:44 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.189% | 499.71 |
| 1/17/2024 | 12:26:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.189% | 499.71 |
| 1/17/2024 | 12:26:48 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.189% | 499.71 |
| 1/17/2024 | 12:26:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.247% | 499.42 |
| 1/17/2024 | 12:26:52 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.247% | 499.42 |
| 1/17/2024 | 12:26:54 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.305% | 499.13 |
| 1/17/2024 | 12:26:56 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.305% | 499.13 |
| 1/17/2024 | 12:26:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.189% | 499.71 |
| 1/17/2024 | 12:27:00 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.189% | 499.71 |
| 1/17/2024 | 12:27:02 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/17/2024 | 12:27:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:27:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:08 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:10 AM | 0.006% | 690.50 | 2.807% | 27.60 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:12 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:14 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:16 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:20 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/17/2024 | 12:27:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 12:27:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/17/2024 | 12:27:30 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/17/2024 | 12:27:32 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:34 AM | 0.006% | 690.50 | 2.660% | 27.56 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:36 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:38 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:42 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 12:27:44 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 12:27:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 12:27:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 12:27:50 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 12:27:52 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/17/2024 | 12:27:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 12:27:56 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 12:27:58 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:00 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:04 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:08 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/17/2024 | 12:28:12 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/17/2024 | 12:28:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/17/2024 | 12:28:16 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.131% | 500.00 |
| 1/17/2024 | 12:28:18 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/17/2024 | 12:28:20 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.131% | 500.00 |
| 1/17/2024 | 12:28:22 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:24 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:26 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:28 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:30 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:28:34 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:38 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:40 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:44 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/17/2024 | 12:28:46 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:48 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:50 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:52 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:54 AM | 0.006% | 690.50 | -2.819% | 26.09 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:56 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 12:28:58 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:02 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:04 AM | 0.006% | 690.50 | -2.819% | 26.09 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:06 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:10 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:12 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:14 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:16 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:20 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:22 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 12:29:24 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:30 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:32 AM | 0.006% | 690.50 | 3.063% | 27.68 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:36 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.131% | 500.00 |
| 1/17/2024 | 12:29:38 AM | 0.006% | 690.50 | -3.024% | 26.04 | -0.131% | 500.00 |
| 1/17/2024 | 12:29:40 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/17/2024 | 12:29:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/17/2024 | 12:29:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:46 AM | 0.006% | 690.50 | 2.771% | 27.59 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:48 AM | 0.006% | 690.50 | -3.646% | 25.89 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:56 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:29:58 AM | 0.006% | 690.50 | 3.027% | 27.67 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:00 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:30:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:04 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:06 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:08 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:10 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:16 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:22 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:24 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.131% | 500.00 |
| 1/17/2024 | 12:30:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:30 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:32 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:30:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:30:36 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.042% | 500.87 |
| 1/17/2024 | 12:30:38 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:30:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:42 AM | 0.006% | 690.50 | -3.148% | 26.01 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:44 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:46 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:30:48 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/17/2024 | 12:30:50 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 12:30:52 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 12:30:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/17/2024 | 12:30:56 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 12:30:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:00 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:04 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:06 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:08 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:10 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:14 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:16 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:20 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:22 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:24 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 12:31:28 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:31:30 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 12:31:32 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 12:31:34 AM | 0.006% | 690.50 | 4.110% | 27.98 | -0.015% | 500.58 |
| 1/17/2024 | 12:31:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 12:31:38 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/17/2024 | 12:31:40 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 12:31:42 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.131% | 500.00 |
| 1/17/2024 | 12:31:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:46 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:48 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:52 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:54 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:56 AM | 0.006% | 690.50 | 3.209% | 27.72 | -0.073% | 500.29 |
| 1/17/2024 | 12:31:58 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:00 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:02 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:04 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:06 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:14 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:20 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:22 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:24 AM | 0.006% | 690.50 | 2.587% | 27.54 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:26 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:28 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:30 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:32 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:34 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:38 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:40 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:42 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:44 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:32:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:52 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:54 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/17/2024 | 12:32:56 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:32:58 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:00 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:04 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:06 AM | 0.006% | 690.50 | 4.819% | 28.19 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:10 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:14 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:18 AM | 0.006% | 690.50 | 2.881% | 27.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:20 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:22 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:24 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:28 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:30 AM | 0.006% | 690.50 | 3.427% | 27.78 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:32 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:34 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:36 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:38 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 12:33:40 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:42 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:44 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:50 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:54 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:56 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/17/2024 | 12:33:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:00 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:02 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:04 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:08 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:12 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/17/2024 | 12:34:16 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/17/2024 | 12:34:18 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/17/2024 | 12:34:20 AM | 0.006% | 690.50 | 4.074% | 27.97 | -0.073% | 500.29 |
| 1/17/2024 | 12:34:22 AM | 0.006% | 690.50 | -3.688% | 25.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:24 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:34:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:28 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:30 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:32 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:34 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:36 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:34:40 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:42 AM | 0.006% | 690.50 | 3.027% | 27.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:44 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:46 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:48 AM | 0.006% | 690.50 | -2.942% | 26.06 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:50 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:52 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:54 AM | 0.006% | 690.50 | 3.608% | 27.83 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:56 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 12:34:58 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:00 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:04 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:06 AM | 0.006% | 690.50 | 3.859% | 27.91 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:08 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:10 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:12 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 12:35:16 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 12:35:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 12:35:20 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:35:22 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:35:24 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:26 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:32 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:34 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 12:35:36 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:38 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:40 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:42 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:44 AM | 0.006% | 690.50 | -5.601% | 25.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:46 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 12:35:48 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 12:35:50 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.215% | 501.74 |
| 1/17/2024 | 12:35:52 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.215% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:35:54 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.215% | 501.74 |
| 1/17/2024 | 12:35:56 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.215% | 501.74 |
| 1/17/2024 | 12:35:58 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.215% | 501.74 |
| 1/17/2024 | 12:36:00 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.158% | 501.45 |
| 1/17/2024 | 12:36:02 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.158% | 501.45 |
| 1/17/2024 | 12:36:04 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 12:36:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:08 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:10 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:12 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:14 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:16 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:18 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:20 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:22 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 12:36:30 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.158% | 501.45 |
| 1/17/2024 | 12:36:32 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.158% | 501.45 |
| 1/17/2024 | 12:36:34 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:38 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 12:36:40 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:42 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:44 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:36:52 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.015% | 500.58 |
| 1/17/2024 | 12:36:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 12:36:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:36:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:00 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:02 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:04 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:06 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:14 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:16 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:18 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:37:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:24 AM | 0.006% | 690.50 | -3.272% | 25.98 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:26 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:28 AM | 0.006% | 690.50 | 3.499% | 27.80 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:30 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:32 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:34 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:38 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:40 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:44 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:48 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:50 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:52 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:54 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 12:37:56 AM | 0.006% | 690.50 | 2.844% | 27.61 | -0.015% | 500.58 |
| 1/17/2024 | 12:37:58 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:00 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:02 AM | 0.006% | 690.50 | 2.954% | 27.65 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:04 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:06 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:08 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:10 AM | 0.006% | 690.50 | 3.859% | 27.91 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:12 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:14 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:16 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:20 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:22 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:26 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:30 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:32 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:34 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:38 AM | 0.006% | 690.50 | -3.024% | 26.04 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:42 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:44 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 12:38:46 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.042% | 500.87 |
| 1/17/2024 | 12:38:48 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:38:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 12:38:52 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 12:38:54 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:56 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 12:38:58 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:00 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:02 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:04 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:06 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:08 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:10 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:14 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:18 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:20 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 12:39:24 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:28 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:30 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:32 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:34 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:36 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:38 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:40 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:44 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:46 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:48 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:52 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:54 AM | 0.006% | 690.50 | 3.027% | 27.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:39:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 12:39:58 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:00 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:02 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:04 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:06 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:08 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:10 AM | 0.006% | 690.50 | -3.189% | 26.00 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:12 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:14 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:16 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 12:40:18 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:20 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:24 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:26 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:30 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:32 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:34 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:36 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:38 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:40 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:42 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:44 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:46 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:40:48 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:52 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:56 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 12:40:58 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:00 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:02 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:04 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:06 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:08 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:10 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:12 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:16 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:20 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:22 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:24 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:28 AM | 0.006% | 690.50 | 3.680% | 27.85 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:30 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:32 AM | 0.006% | 690.50 | 4.430% | 28.07 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:36 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 12:41:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:40 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:42 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:41:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:41:48 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 12:41:50 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.015% | 500.58 |
| 1/17/2024 | 12:41:52 AM | 0.006% | 690.50 | -4.023% | 25.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:41:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:41:56 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/17/2024 | 12:41:58 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 12:42:00 AM | 0.006% | 690.50 | 2.587% | 27.54 | -0.015% | 500.58 |
| 1/17/2024 | 12:42:02 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 12:42:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 12:42:06 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:42:08 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:10 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:14 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:24 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:26 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:28 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:30 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:32 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:34 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:36 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:38 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:40 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:46 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:48 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 12:42:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:52 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:42:58 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:00 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:02 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:04 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:06 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:08 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:10 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:43:14 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:16 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 12:43:18 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/17/2024 | 12:43:20 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.073% | 500.29 |
| 1/17/2024 | 12:43:22 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/17/2024 | 12:43:24 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:28 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:30 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:36 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:38 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:44 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:48 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 12:43:50 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 12:43:52 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 12:43:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:43:56 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 12:43:58 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 12:44:00 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:02 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:06 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:10 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:12 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 12:44:18 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/17/2024 | 12:44:20 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.158% | 501.45 |
| 1/17/2024 | 12:44:22 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.158% | 501.45 |
| 1/17/2024 | 12:44:24 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:30 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:32 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 12:44:34 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.215% | 501.74 |
| 1/17/2024 | 12:44:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.215% | 501.74 |
| 1/17/2024 | 12:44:38 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.215% | 501.74 |
| 1/17/2024 | 12:44:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.215% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:44:42 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.215% | 501.74 |
| 1/17/2024 | 12:44:44 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.215% | 501.74 |
| 1/17/2024 | 12:44:46 AM | 0.006% | 690.50 | 4.253% | 28.02 | 0.158% | 501.45 |
| 1/17/2024 | 12:44:48 AM | 0.006% | 690.50 | 5.274% | 28.32 | 0.158% | 501.45 |
| 1/17/2024 | 12:44:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:44:52 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 12:44:54 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:44:56 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:44:58 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:02 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:04 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:10 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.158% | 501.45 |
| 1/17/2024 | 12:45:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 12:45:14 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 12:45:16 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.158% | 501.45 |
| 1/17/2024 | 12:45:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.158% | 501.45 |
| 1/17/2024 | 12:45:20 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.100% | 501.16 |
| 1/17/2024 | 12:45:22 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:45:24 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:28 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:30 AM | 0.006% | 690.50 | 2.990% | 27.66 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:32 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:34 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:40 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:42 AM | 0.006% | 690.50 | -3.813% | 25.84 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:44 AM | 0.006% | 690.50 | -3.604% | 25.90 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:46 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:48 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 12:45:50 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.100% | 501.16 |
| 1/17/2024 | 12:45:52 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/17/2024 | 12:45:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:56 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:45:58 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:00 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:02 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:04 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:08 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:46:10 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:12 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 12:46:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 12:46:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 12:46:20 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:22 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:24 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 12:46:28 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.100% | 501.16 |
| 1/17/2024 | 12:46:30 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:32 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:34 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:38 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:40 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:42 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:46:44 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:54 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 12:46:58 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:00 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:04 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:06 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:08 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:10 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:12 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:14 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:18 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:20 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:22 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:24 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:26 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:28 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:32 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:34 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:36 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:47:38 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:40 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:42 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:44 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:46 AM | 0.006% | 690.50 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:52 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:54 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 12:47:56 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.042% | 500.87 |
| 1/17/2024 | 12:47:58 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:00 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:02 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:04 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:06 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:10 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:12 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:14 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:16 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:18 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:20 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:22 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:26 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:28 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:30 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:32 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 12:48:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:48:36 AM | 0.006% | 690.50 | -3.771% | 25.85 | -0.015% | 500.58 |
| 1/17/2024 | 12:48:38 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:48:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 12:48:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 12:48:44 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 12:48:46 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:50 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:52 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:54 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:56 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 12:48:58 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:00 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:04 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:49:06 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:08 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:10 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:12 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 12:49:14 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.100% | 501.16 |
| 1/17/2024 | 12:49:16 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 12:49:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 12:49:20 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 12:49:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 12:49:24 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 12:49:26 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 12:49:28 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 12:49:30 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/17/2024 | 12:49:32 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.131% | 500.00 |
| 1/17/2024 | 12:49:34 AM | 0.006% | 690.50 | 2.217% | 27.44 | -0.131% | 500.00 |
| 1/17/2024 | 12:49:36 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 12:49:38 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 12:49:40 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 12:49:42 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/17/2024 | 12:49:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 12:49:46 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:49:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:50 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:52 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:54 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:56 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:49:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:00 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:04 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:06 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:08 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:10 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:14 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:24 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:28 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:32 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:50:34 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:36 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:38 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 12:50:40 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:44 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:46 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:48 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:50 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:52 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:54 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:56 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 12:50:58 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:00 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:02 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:04 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:08 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:12 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:16 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:18 AM | 0.006% | 690.50 | -3.604% | 25.90 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:20 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:22 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:30 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:32 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:34 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:36 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:40 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:44 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 12:51:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:48 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:50 AM | 0.006% | 690.50 | -3.189% | 26.00 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:52 AM | 0.006% | 690.50 | -4.107% | 25.77 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:54 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 12:51:58 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:00 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.100% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:52:02 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.100% | 501.16 |
| 1/17/2024 | 12:52:04 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 12:52:06 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:12 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:14 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:16 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:18 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:20 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:22 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:24 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:26 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:30 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:32 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 12:52:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:40 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:42 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:44 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:46 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:48 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:50 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:52 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:56 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 12:52:58 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:00 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:02 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:06 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:10 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:12 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:14 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:16 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:18 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:20 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:22 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:24 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:26 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 12:53:28 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:53:30 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 12:53:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 12:53:34 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/17/2024 | 12:53:36 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:42 AM | 0.006% | 690.50 | 3.499% | 27.80 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:44 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:46 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:52 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:54 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:56 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 12:53:58 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:00 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:02 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:04 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:06 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:08 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:12 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:16 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 12:54:18 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:20 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:24 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:28 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:30 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:32 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:36 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/17/2024 | 12:54:38 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:40 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:44 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:46 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 12:54:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:54:58 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:00 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:02 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:06 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:10 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:12 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:14 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:16 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:18 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:20 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:22 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:24 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:28 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:30 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:32 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:36 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:38 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:40 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:42 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:44 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:46 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 12:55:50 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:52 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 12:55:58 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:00 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:02 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:04 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:06 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:08 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:10 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:12 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:14 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:16 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:18 AM | 0.006% | 690.50 | 2.328% | 27.47 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:20 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:24 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:56:26 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:28 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:30 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 12:56:36 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:38 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.042% | 500.87 |
| 1/17/2024 | 12:56:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 12:56:42 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.158% | 501.45 |
| 1/17/2024 | 12:56:44 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.215% | 501.74 |
| 1/17/2024 | 12:56:46 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.215% | 501.74 |
| 1/17/2024 | 12:56:48 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.215% | 501.74 |
| 1/17/2024 | 12:56:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.215% | 501.74 |
| 1/17/2024 | 12:56:52 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.158% | 501.45 |
| 1/17/2024 | 12:56:54 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.158% | 501.45 |
| 1/17/2024 | 12:56:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 12:56:58 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:00 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:02 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:04 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:06 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:08 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:10 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:14 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:16 AM | 0.006% | 690.50 | 4.253% | 28.02 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:18 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:20 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:24 AM | 0.006% | 690.50 | 3.246% | 27.73 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:26 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:28 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:30 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:34 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:36 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:38 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:42 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 12:57:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:46 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:48 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:50 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:52 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:57:54 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:56 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.158% | 501.45 |
| 1/17/2024 | 12:57:58 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.158% | 501.45 |
| 1/17/2024 | 12:58:00 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 12:58:02 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.158% | 501.45 |
| 1/17/2024 | 12:58:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.158% | 501.45 |
| 1/17/2024 | 12:58:06 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.158% | 501.45 |
| 1/17/2024 | 12:58:08 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 12:58:10 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:12 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:14 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:16 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:18 AM | 0.006% | 690.50 | 3.608% | 27.83 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:22 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:24 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:26 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:28 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:30 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:32 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:34 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:38 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:40 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 12:58:42 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 12:58:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 12:58:46 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 12:58:48 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.073% | 500.29 |
| 1/17/2024 | 12:58:50 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/17/2024 | 12:58:52 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 12:58:54 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 12:58:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 12:58:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 12:59:00 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 12:59:02 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 12:59:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 12:59:06 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:10 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:12 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:14 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:16 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:18 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:20 AM | 0.006% | 690.50 | 3.680% | 27.85 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|-------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 12:59:22 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:24 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:26 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:28 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:30 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:32 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:34 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:36 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:38 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/17/2024 | 12:59:40 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:42 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:44 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:46 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:48 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:50 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:54 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:56 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 12:59:58 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:00 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:02 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:04 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:06 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:08 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:10 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:12 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:16 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:18 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:20 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:24 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:26 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:28 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.042% | 500.87 |
| 1/17/2024 | 1:00:30 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:32 AM | 0.006% | 690.50 | -4.827% | 25.59 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:36 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:38 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:40 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:42 AM | 0.048% | 690.80 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:44 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 1:00:46 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 1:00:48 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:00:50 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 1:00:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:54 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:56 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 1:00:58 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 1:01:00 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:04 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:06 AM | 0.006% | 690.50 | -3.981% | 25.80 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:08 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:12 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:14 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:16 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |
| 1/17/2024 | 1:01:18 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.158% | 501.45 |
| 1/17/2024 | 1:01:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/17/2024 | 1:01:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 1:01:24 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.158% | 501.45 |
| 1/17/2024 | 1:01:26 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:28 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:30 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:34 AM | 0.006% | 690.50 | 3.608% | 27.83 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:36 AM | 0.006% | 690.50 | 4.217% | 28.01 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:38 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:40 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:42 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:44 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:46 AM | 0.006% | 690.50 | -4.233% | 25.74 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 1:01:50 AM | 0.006% | 690.50 | 5.029% | 28.25 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:52 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:54 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.100% | 501.16 |
| 1/17/2024 | 1:01:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 1:01:58 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:00 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:04 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:06 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:08 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:14 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:16 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.100% | 501.16 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:02:18 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:26 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.158% | 501.45 |
| 1/17/2024 | 1:02:30 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:32 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:34 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:36 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:40 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:42 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:46 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:48 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:50 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:52 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:54 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:56 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.100% | 501.16 |
| 1/17/2024 | 1:02:58 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:00 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:02 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:04 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:06 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:08 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:12 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:16 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:18 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:20 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:22 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:24 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:26 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 1:03:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:30 AM | 0.006% | 690.50 | 3.499% | 27.80 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:32 AM | 0.006% | 690.50 | 5.897% | 28.51 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:36 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:38 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:40 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 1:03:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:44 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:03:46 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:48 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:50 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:52 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:54 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:56 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.158% | 501.45 |
| 1/17/2024 | 1:03:58 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:00 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:02 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:04 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:06 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:12 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:14 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:16 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:18 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:20 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:26 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:30 AM | 0.006% | 690.50 | 4.074% | 27.97 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:32 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:34 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:36 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:38 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:40 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:42 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:46 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:54 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 1:04:56 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.158% | 501.45 |
| 1/17/2024 | 1:04:58 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:04 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:06 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:10 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:05:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:20 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:26 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 1:05:32 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:34 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:36 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:38 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:40 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:42 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:44 AM | 0.006% | 690.50 | 3.967% | 27.94 | 0.158% | 501.45 |
| 1/17/2024 | 1:05:46 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:48 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:54 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:56 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 1:05:58 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:00 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:04 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:08 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:12 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:14 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:16 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:18 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:20 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:22 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:24 AM | 0.006% | 690.50 | 5.134% | 28.28 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:28 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.042% | 500.87 |
| 1/17/2024 | 1:06:30 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 1:06:32 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/17/2024 | 1:06:34 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 1:06:36 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 1:06:38 AM | 0.006% | 690.50 | -4.657% | 25.64 | 0.042% | 500.87 |
| 1/17/2024 | 1:06:40 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:06:42 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:44 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:46 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:06:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.158% | 501.45 |
| 1/17/2024 | 1:06:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 1:06:52 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.158% | 501.45 |
| 1/17/2024 | 1:06:54 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.158% | 501.45 |
| 1/17/2024 | 1:06:56 AM | 0.006% | 690.50 | -2.983% | 26.05 | 0.158% | 501.45 |
| 1/17/2024 | 1:06:58 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.158% | 501.45 |
| 1/17/2024 | 1:07:00 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.158% | 501.45 |
| 1/17/2024 | 1:07:02 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 1:07:04 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:06 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:16 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:18 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:20 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:22 AM | 0.006% | 690.50 | 3.318% | 27.75 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:26 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:28 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:32 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:34 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:38 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:40 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:42 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:48 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:50 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:52 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 1:07:56 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/17/2024 | 1:07:58 AM | 0.006% | 690.50 | 3.173% | 27.71 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:00 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:02 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:04 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:06 AM | 0.006% | 690.50 | 4.466% | 28.08 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:08:10 AM | 0.006% | 690.50 | 4.110% | 27.98 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:12 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:16 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:18 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:22 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:24 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:26 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:32 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:34 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:36 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.158% | 501.45 |
| 1/17/2024 | 1:08:38 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 1:08:40 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 1:08:42 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 1:08:44 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 1:08:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 1:08:48 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:50 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:52 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 1:08:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 1:08:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 1:08:58 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 1:09:00 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 1:09:02 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:04 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:06 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:08 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:10 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:12 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:14 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:16 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:18 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:20 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:26 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:28 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:32 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:34 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:36 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:09:38 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.100% | 501.16 |
| 1/17/2024 | 1:09:40 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.158% | 501.45 |
| 1/17/2024 | 1:09:42 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.158% | 501.45 |
| 1/17/2024 | 1:09:44 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/17/2024 | 1:09:46 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.158% | 501.45 |
| 1/17/2024 | 1:09:48 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 1:09:50 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:52 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:56 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 1:09:58 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:10:00 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 1:10:02 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:06 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:10 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:12 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:14 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/17/2024 | 1:10:16 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 1:10:18 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:22 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:26 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:30 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:32 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.215% | 501.74 |
| 1/17/2024 | 1:10:34 AM | 0.048% | 690.80 | -1.602% | 26.41 | 0.215% | 501.74 |
| 1/17/2024 | 1:10:36 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:10:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 1:10:40 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 1:10:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:10:44 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 1:10:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 1:10:48 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:50 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:52 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:54 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:56 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.158% | 501.45 |
| 1/17/2024 | 1:10:58 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:00 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:02 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:04 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:11:06 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:08 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:10 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:16 AM | 0.006% | 690.50 | 3.063% | 27.68 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:20 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:22 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:24 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 1:11:26 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:11:28 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 1:11:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 1:11:32 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 1:11:34 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:36 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:38 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:40 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:42 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:44 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:46 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:48 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:50 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:11:52 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.215% | 501.74 |
| 1/17/2024 | 1:11:54 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.215% | 501.74 |
| 1/17/2024 | 1:11:56 AM | 0.048% | 690.80 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 1:11:58 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:00 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:02 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:04 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:06 AM | 0.048% | 690.80 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:08 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:10 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:14 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:16 AM | 0.006% | 690.50 | -4.065% | 25.78 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:18 AM | 0.006% | 690.50 | -3.855% | 25.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:20 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:24 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:26 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 1:12:30 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 1:12:32 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:12:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 1:12:36 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:40 AM | 0.006% | 690.50 | -6.210% | 25.26 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:42 AM | 0.006% | 690.50 | 4.110% | 27.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:46 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:48 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:50 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:52 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:54 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:56 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 1:12:58 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:00 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:04 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:06 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:10 AM | 0.006% | 690.50 | -3.563% | 25.91 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:16 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:18 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:22 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:24 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.215% | 501.74 |
| 1/17/2024 | 1:13:26 AM | 0.048% | 690.80 | 0.054% | 26.84 | 0.215% | 501.74 |
| 1/17/2024 | 1:13:28 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.215% | 501.74 |
| 1/17/2024 | 1:13:30 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.215% | 501.74 |
| 1/17/2024 | 1:13:32 AM | 0.006% | 690.50 | 3.136% | 27.70 | 0.215% | 501.74 |
| 1/17/2024 | 1:13:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:36 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:38 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:42 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:44 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:46 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 1:13:54 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:56 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.158% | 501.45 |
| 1/17/2024 | 1:13:58 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:00 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:14:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:04 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:08 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:10 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:14 AM | 0.006% | 690.50 | -3.272% | 25.98 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:16 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:18 AM | 0.006% | 690.50 | -4.233% | 25.74 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:20 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:22 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:24 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:26 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:28 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:30 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:32 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:34 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:36 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:40 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:42 AM | 0.048% | 690.80 | 3.063% | 27.68 | 0.100% | 501.16 |
| 1/17/2024 | 1:14:44 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/17/2024 | 1:14:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.100% | 501.16 |
| 1/17/2024 | 1:14:48 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:50 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:52 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 1:14:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:02 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:04 AM | 0.006% | 690.50 | 3.391% | 27.77 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:08 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:12 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:14 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:16 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:18 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:20 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:22 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.215% | 501.74 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:15:30 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:32 AM | 0.048% | 690.80 | -0.570% | 26.68 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:34 AM | 0.048% | 690.80 | -1.803% | 26.35 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:36 AM | 0.048% | 690.80 | 0.594% | 26.99 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:38 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:42 AM | 0.048% | 690.80 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:44 AM | 0.006% | 690.50 | -6.123% | 25.28 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:48 AM | 0.048% | 690.80 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:50 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:52 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/17/2024 | 1:15:54 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:56 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.215% | 501.74 |
| 1/17/2024 | 1:15:58 AM | 0.048% | 690.80 | -1.163% | 26.52 | 0.215% | 501.74 |
| 1/17/2024 | 1:16:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.215% | 501.74 |
| 1/17/2024 | 1:16:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.215% | 501.74 |
| 1/17/2024 | 1:16:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:08 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.215% | 501.74 |
| 1/17/2024 | 1:16:12 AM | 0.006% | 690.50 | -4.955% | 25.56 | 0.215% | 501.74 |
| 1/17/2024 | 1:16:14 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.215% | 501.74 |
| 1/17/2024 | 1:16:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:18 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:20 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:24 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:28 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:32 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 1:16:34 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:36 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:38 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:40 AM | 0.006% | 690.50 | -4.107% | 25.77 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:42 AM | 0.048% | 690.80 | -2.004% | 26.30 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:44 AM | 0.048% | 690.80 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:46 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:48 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:52 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:54 AM | 0.006% | 690.50 | 3.895% | 27.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:16:56 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:16:58 AM | 0.006% | 690.50 | -5.818% | 25.35 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:00 AM | 0.048% | 690.80 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:02 AM | 0.048% | 690.80 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:04 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:06 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:08 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:10 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:12 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:16 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:20 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:22 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:24 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:28 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/17/2024 | 1:17:32 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 1:17:34 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.158% | 501.45 |
| 1/17/2024 | 1:17:36 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.215% | 501.74 |
| 1/17/2024 | 1:17:38 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.215% | 501.74 |
| 1/17/2024 | 1:17:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:42 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:44 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:48 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:50 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:54 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.273% | 502.03 |
| 1/17/2024 | 1:17:58 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:00 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:04 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:06 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:08 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:12 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:14 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:16 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:20 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:22 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.273% | 502.03 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:18:26 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:28 AM | 0.006% | 690.50 | -4.742% | 25.61 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:30 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:32 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:34 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:36 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:38 AM | 0.006% | 690.50 | -5.687% | 25.39 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:40 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:42 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:44 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:46 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:50 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:52 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:56 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.273% | 502.03 |
| 1/17/2024 | 1:18:58 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:00 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:02 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:04 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:06 AM | 0.006% | 690.50 | -4.233% | 25.74 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:08 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:10 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.215% | 501.74 |
| 1/17/2024 | 1:19:12 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.215% | 501.74 |
| 1/17/2024 | 1:19:14 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.215% | 501.74 |
| 1/17/2024 | 1:19:16 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:18 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:20 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:22 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:24 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:26 AM | 0.048% | 690.80 | 0.709% | 27.02 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:28 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:32 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:34 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:36 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:38 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:40 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:42 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:44 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:46 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:48 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:50 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:52 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.273% | 502.03 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:19:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.273% | 502.03 |
| 1/17/2024 | 1:19:56 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.215% | 501.74 |
| 1/17/2024 | 1:19:58 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:00 AM | 0.006% | 690.50 | -3.065% | 26.03 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:02 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:04 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:06 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:08 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:12 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:14 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:16 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:18 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:24 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:26 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:30 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:32 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:34 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:36 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:40 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:42 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:44 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:46 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.273% | 502.03 |
| 1/17/2024 | 1:20:50 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:52 AM | 0.048% | 690.80 | 1.732% | 27.30 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:54 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:56 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.215% | 501.74 |
| 1/17/2024 | 1:20:58 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:02 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:04 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:06 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:08 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:10 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:12 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:16 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:18 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.215% | 501.74 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:21:22 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:26 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:28 AM | 0.048% | 690.80 | -1.004% | 26.56 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:30 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:36 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:38 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.273% | 502.03 |
| 1/17/2024 | 1:21:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:44 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:46 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:48 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:52 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:54 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.215% | 501.74 |
| 1/17/2024 | 1:21:58 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:00 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:02 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:04 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:06 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:08 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:10 AM | 0.048% | 690.80 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:12 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:14 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:16 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:18 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:20 AM | 0.048% | 690.80 | -1.803% | 26.35 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:24 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:26 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:30 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:32 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:36 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:38 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:40 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:44 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:46 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:48 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.158% | 501.45 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:22:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:52 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:54 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 1:22:58 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:00 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:02 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.100% | 501.16 |
| 1/17/2024 | 1:23:04 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.100% | 501.16 |
| 1/17/2024 | 1:23:06 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.100% | 501.16 |
| 1/17/2024 | 1:23:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:23:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:23:12 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 1:23:14 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:16 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:18 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:20 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:22 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:26 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:32 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:34 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:36 AM | 0.048% | 690.80 | 0.747% | 27.03 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:38 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:40 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:42 AM | 0.006% | 690.50 | -4.445% | 25.69 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:44 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:48 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:50 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.158% | 501.45 |
| 1/17/2024 | 1:23:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:56 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.215% | 501.74 |
| 1/17/2024 | 1:23:58 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:02 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:10 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:12 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:16 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:24:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:20 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:22 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:26 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:28 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:30 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:34 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:36 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:42 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.158% | 501.45 |
| 1/17/2024 | 1:24:44 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.215% | 501.74 |
| 1/17/2024 | 1:24:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.273% | 502.03 |
| 1/17/2024 | 1:24:52 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.273% | 502.03 |
| 1/17/2024 | 1:24:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.273% | 502.03 |
| 1/17/2024 | 1:24:56 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.273% | 502.03 |
| 1/17/2024 | 1:24:58 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.273% | 502.03 |
| 1/17/2024 | 1:25:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.215% | 501.74 |
| 1/17/2024 | 1:25:02 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.215% | 501.74 |
| 1/17/2024 | 1:25:04 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:06 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:08 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:10 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:16 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:18 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:20 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:24 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:26 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:28 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:36 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:38 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:40 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:44 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:25:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:48 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:52 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:54 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:56 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |
| 1/17/2024 | 1:25:58 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:00 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:04 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:06 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:08 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:10 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:12 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:14 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:16 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:20 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:24 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 1:26:26 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 1:26:28 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 1:26:30 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:34 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:36 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:40 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:42 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:44 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:46 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 1:26:48 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:52 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:54 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:56 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 1:26:58 AM | 0.006% | 690.50 | 2.844% | 27.61 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:00 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:02 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:04 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:06 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:08 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:12 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:27:14 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:16 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:20 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:22 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:24 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:26 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:28 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:30 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:32 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:34 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:36 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:38 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:40 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:44 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:46 AM | 0.048% | 690.80 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:48 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:50 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:54 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 1:27:56 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 1:27:58 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:00 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:02 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:04 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:10 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 1:28:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 1:28:14 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.158% | 501.45 |
| 1/17/2024 | 1:28:16 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.158% | 501.45 |
| 1/17/2024 | 1:28:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.158% | 501.45 |
| 1/17/2024 | 1:28:20 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:24 AM | 0.006% | 690.50 | -2.942% | 26.06 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:26 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:30 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:32 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:36 AM | 0.006% | 690.50 | 3.318% | 27.75 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:28:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:28:46 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:48 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/17/2024 | 1:28:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 1:28:52 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 1:28:54 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 1:28:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:28:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:02 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:04 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:06 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:10 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:12 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:16 AM | 0.048% | 690.80 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:18 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:20 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:24 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:26 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:28 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:32 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:34 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:36 AM | 0.006% | 690.50 | -4.023% | 25.79 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:38 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:42 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:44 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 1:29:46 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:48 AM | 0.006% | 690.50 | -2.819% | 26.09 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 1:29:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 1:29:58 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:00 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:02 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:04 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:06 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:30:10 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:12 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:14 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:16 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:20 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:22 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:26 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:28 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:30 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:32 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:34 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:36 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:38 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:40 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:44 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:46 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:48 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:50 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:52 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 1:30:54 AM | 0.006% | 690.50 | -3.688% | 25.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:30:58 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:00 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:02 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:06 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:08 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:10 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:12 AM | 0.006% | 690.50 | 2.990% | 27.66 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:14 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/17/2024 | 1:31:16 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:18 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:20 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:24 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 1:31:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 1:31:28 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 1:31:30 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.100% | 501.16 |
| 1/17/2024 | 1:31:32 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:34 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:36 AM | 0.048% | 690.80 | 1.769% | 27.31 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:31:38 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:44 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:46 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:52 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:54 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:56 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 1:31:58 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:00 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:02 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:04 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:06 AM | 0.006% | 690.50 | -3.897% | 25.82 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:12 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:14 AM | 0.006% | 690.50 | 3.027% | 27.67 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:16 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:18 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:20 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:22 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:26 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:28 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:30 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:32 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:36 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:38 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:42 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:44 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 1:32:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 1:32:48 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 1:32:50 AM | 0.006% | 690.50 | -2.942% | 26.06 | -0.015% | 500.58 |
| 1/17/2024 | 1:32:52 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:54 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:56 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 1:32:58 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:00 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:02 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:33:06 AM | 0.048% | 690.80 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:08 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:12 AM | 0.006% | 690.50 | 5.794% | 28.48 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:14 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:16 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:18 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:20 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:22 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:24 AM | 0.006% | 690.50 | 3.572% | 27.82 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:26 AM | 0.006% | 690.50 | -3.438% | 25.94 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:30 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:32 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:34 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:36 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:40 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:42 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:44 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:46 AM | 0.006% | 690.50 | -3.855% | 25.83 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:48 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 1:33:50 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:52 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 1:33:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 1:34:00 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:02 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:04 AM | 0.006% | 690.50 | 3.788% | 27.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:06 AM | 0.006% | 690.50 | -3.065% | 26.03 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:08 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:10 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:12 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 1:34:16 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/17/2024 | 1:34:18 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:20 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:24 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:26 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:28 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:30 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:32 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:34:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.158% | 501.45 |
| 1/17/2024 | 1:34:36 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:38 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:44 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:46 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:48 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:52 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:54 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:56 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:34:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:00 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:02 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:04 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:10 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:12 AM | 0.006% | 690.50 | -3.396% | 25.95 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:14 AM | 0.006% | 690.50 | 3.173% | 27.71 | 0.042% | 500.87 |
| 1/17/2024 | 1:35:16 AM | 0.048% | 690.80 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 1:35:18 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 1:35:20 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 1:35:22 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:24 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:30 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/17/2024 | 1:35:32 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:35:34 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 1:35:36 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:40 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:42 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:46 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:48 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:50 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.131% | 500.00 |
| 1/17/2024 | 1:35:52 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:35:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 1:35:56 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/17/2024 | 1:35:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:00 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:36:02 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:04 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 1:36:06 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/17/2024 | 1:36:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 1:36:10 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.042% | 500.87 |
| 1/17/2024 | 1:36:12 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 1:36:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 1:36:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:20 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:22 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:26 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:28 AM | 0.006% | 690.50 | -3.148% | 26.01 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:30 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:32 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:34 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:36 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:38 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:40 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:42 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:44 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:46 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:50 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:52 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/17/2024 | 1:36:56 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 1:36:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:00 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:02 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:04 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:06 AM | 0.006% | 690.50 | 3.246% | 27.73 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:08 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:12 AM | 0.006% | 690.50 | 2.881% | 27.63 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:14 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.073% | 500.29 |
| 1/17/2024 | 1:37:16 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 1:37:18 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 1:37:20 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:28 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:37:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:34 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:36 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:38 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:40 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:42 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:44 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 1:37:46 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:48 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:50 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:52 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.131% | 500.00 |
| 1/17/2024 | 1:37:54 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 1:37:56 AM | 0.006% | 690.50 | -3.231% | 25.99 | -0.073% | 500.29 |
| 1/17/2024 | 1:37:58 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:00 AM | 0.006% | 690.50 | -5.041% | 25.54 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:02 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:04 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:06 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:08 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:10 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:12 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:14 AM | 0.006% | 690.50 | -3.272% | 25.98 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:18 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:20 AM | 0.006% | 690.50 | -3.688% | 25.88 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:22 AM | 0.006% | 690.50 | -3.024% | 26.04 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:24 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:28 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:30 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:32 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:34 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:36 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:38 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/17/2024 | 1:38:46 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:48 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:52 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:38:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:38:58 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:00 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:02 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:04 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:06 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:08 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:10 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:14 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:20 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/17/2024 | 1:39:26 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 1:39:28 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/17/2024 | 1:39:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:32 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:34 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:36 AM | 0.006% | 690.50 | -3.646% | 25.89 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:38 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:40 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:42 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 1:39:44 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:46 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:48 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:50 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:52 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:54 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 1:39:56 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.131% | 500.00 |
| 1/17/2024 | 1:39:58 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:04 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:08 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:10 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:12 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:14 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:18 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:22 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:24 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:40:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:32 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 1:40:34 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 1:40:36 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 1:40:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:40 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:42 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:46 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:48 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/17/2024 | 1:40:50 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:52 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:54 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:56 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 1:40:58 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:00 AM | 0.006% | 690.50 | 3.354% | 27.76 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:02 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:04 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:06 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.073% | 500.29 |
| 1/17/2024 | 1:41:08 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 1:41:10 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:41:12 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.131% | 500.00 |
| 1/17/2024 | 1:41:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/17/2024 | 1:41:16 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/17/2024 | 1:41:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 1:41:20 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/17/2024 | 1:41:22 AM | 0.048% | 690.80 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:24 AM | 0.006% | 690.50 | -3.479% | 25.93 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:26 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:30 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:32 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:36 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:38 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:40 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.042% | 500.87 |
| 1/17/2024 | 1:41:42 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:44 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:46 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:50 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:52 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:41:54 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:56 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:41:58 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:00 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:04 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:08 AM | 0.006% | 690.50 | -2.736% | 26.11 | 0.042% | 500.87 |
| 1/17/2024 | 1:42:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:42:12 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 1:42:14 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 1:42:16 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 1:42:18 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 1:42:20 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:22 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:28 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 1:42:30 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 1:42:32 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:34 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:36 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:38 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:42 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:44 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 1:42:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:42:48 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 1:42:50 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 1:42:52 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:54 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:56 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 1:42:58 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 1:43:00 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 1:43:02 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:04 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:06 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.189% | 499.71 |
| 1/17/2024 | 1:43:08 AM | 0.006% | 690.50 | -4.318% | 25.72 | -0.189% | 499.71 |
| 1/17/2024 | 1:43:10 AM | 0.006% | 690.50 | -2.983% | 26.05 | -0.247% | 499.42 |
| 1/17/2024 | 1:43:12 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:14 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:16 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:18 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:43:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 1:43:24 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/17/2024 | 1:43:26 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:43:28 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:30 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:34 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:36 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:38 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/17/2024 | 1:43:40 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.131% | 500.00 |
| 1/17/2024 | 1:43:42 AM | 0.006% | 690.50 | 2.660% | 27.56 | -0.131% | 500.00 |
| 1/17/2024 | 1:43:44 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:46 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:54 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:56 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.073% | 500.29 |
| 1/17/2024 | 1:43:58 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:00 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:02 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:04 AM | 0.006% | 690.50 | -2.410% | 26.20 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:06 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:08 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:12 AM | 0.006% | 690.50 | -3.231% | 25.99 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:14 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:16 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:18 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:20 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:24 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:26 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:30 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:34 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:36 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 1:44:38 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:40 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:42 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:44 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:46 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:48 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:44:50 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:52 AM | 0.006% | 690.50 | -2.736% | 26.11 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:54 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:56 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 1:44:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:00 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:02 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:06 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:10 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:14 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:18 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:20 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 1:45:22 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:24 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:30 AM | 0.006% | 690.50 | 3.318% | 27.75 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:32 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:34 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:36 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:38 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 1:45:44 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 1:45:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 1:45:48 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.131% | 500.00 |
| 1/17/2024 | 1:45:50 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.131% | 500.00 |
| 1/17/2024 | 1:45:52 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.131% | 500.00 |
| 1/17/2024 | 1:45:54 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.131% | 500.00 |
| 1/17/2024 | 1:45:56 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/17/2024 | 1:45:58 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:00 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:02 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:04 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:08 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 1:46:10 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/17/2024 | 1:46:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 1:46:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 1:46:16 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:46:18 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:22 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:26 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:28 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:30 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:32 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:34 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:36 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:38 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:40 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.073% | 500.29 |
| 1/17/2024 | 1:46:42 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:44 AM | 0.006% | 690.50 | -3.646% | 25.89 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:46 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:48 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:50 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:52 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:56 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 1:46:58 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 1:47:00 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 1:47:02 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/17/2024 | 1:47:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 1:47:06 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.131% | 500.00 |
| 1/17/2024 | 1:47:08 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 1:47:10 AM | 0.048% | 690.80 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/17/2024 | 1:47:12 AM | 0.048% | 690.80 | 1.280% | 27.18 | -0.131% | 500.00 |
| 1/17/2024 | 1:47:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 1:47:16 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.131% | 500.00 |
| 1/17/2024 | 1:47:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 1:47:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 1:47:22 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 1:47:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 1:47:26 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 1:47:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.158% | 501.45 |
| 1/17/2024 | 1:47:30 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.158% | 501.45 |
| 1/17/2024 | 1:47:32 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 1:47:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 1:47:36 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:38 AM | 0.006% | 690.50 | -4.827% | 25.59 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:40 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:42 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:47:46 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:50 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:52 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:54 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:56 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 1:47:58 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:00 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:02 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:04 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:06 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:08 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:10 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:12 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:16 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:18 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:20 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:22 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:24 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 1:48:26 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:28 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:30 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:32 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:34 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:36 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:40 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:42 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:44 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:48 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:50 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:52 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 1:48:58 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:00 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:02 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:04 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:06 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:08 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:49:14 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:16 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:18 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:20 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:22 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:24 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 1:49:26 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:30 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:32 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:36 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:38 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 1:49:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:42 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:44 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:46 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:48 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:50 AM | 0.006% | 690.50 | -3.479% | 25.93 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:54 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:56 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:49:58 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:02 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:04 AM | 0.006% | 690.50 | 3.716% | 27.86 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:06 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 1:50:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/17/2024 | 1:50:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.131% | 500.00 |
| 1/17/2024 | 1:50:12 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 1:50:14 AM | 0.006% | 690.50 | 2.328% | 27.47 | -0.131% | 500.00 |
| 1/17/2024 | 1:50:16 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:18 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:22 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:24 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:30 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 1:50:32 AM | 0.006% | 690.50 | -2.328% | 26.22 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:34 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:38 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 1:50:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:50:42 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 1:50:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 1:50:46 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:50:48 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:50 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:52 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:54 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:56 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 1:50:58 AM | 0.048% | 690.80 | -2.819% | 26.09 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:00 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:04 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:12 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:18 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 1:51:24 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:28 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:30 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 1:51:34 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 1:51:36 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/17/2024 | 1:51:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.131% | 500.00 |
| 1/17/2024 | 1:51:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.131% | 500.00 |
| 1/17/2024 | 1:51:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:48 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:50 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:52 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:54 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:56 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/17/2024 | 1:51:58 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 1:52:00 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 1:52:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.131% | 500.00 |
| 1/17/2024 | 1:52:04 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:06 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:08 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:52:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:12 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:14 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:18 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:20 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:24 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:28 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:30 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:32 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:34 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:38 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:42 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:44 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:48 AM | 0.006% | 690.50 | -2.125% | 26.27 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:50 AM | 0.048% | 690.80 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 1:52:52 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:54 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:56 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 1:52:58 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:04 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:06 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 1:53:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 1:53:12 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 1:53:14 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 1:53:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 1:53:18 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 1:53:20 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:22 AM | 0.006% | 690.50 | -2.410% | 26.20 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:24 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:26 AM | 0.006% | 690.50 | 2.954% | 27.65 | 0.100% | 501.16 |
| 1/17/2024 | 1:53:28 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 1:53:30 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 1:53:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 1:53:34 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/17/2024 | 1:53:36 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:53:38 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 1:53:40 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.158% | 501.45 |
| 1/17/2024 | 1:53:42 AM | 0.006% | 690.50 | 3.246% | 27.73 | 0.158% | 501.45 |
| 1/17/2024 | 1:53:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 1:53:46 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:50 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:52 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:56 AM | 0.006% | 690.50 | -4.065% | 25.78 | 0.042% | 500.87 |
| 1/17/2024 | 1:53:58 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:00 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:04 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:10 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:12 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:14 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:16 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:18 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:20 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:22 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:30 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:32 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:34 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:36 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:38 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:40 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:44 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:48 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:50 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 1:54:52 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:54 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 1:54:58 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 1:55:00 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 1:55:02 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.100% | 501.16 |
| 1/17/2024 | 1:55:04 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:55:06 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:08 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:10 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:12 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:14 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:20 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:22 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:28 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:32 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:36 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:38 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 1:55:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:42 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:46 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:48 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:50 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:52 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:54 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 1:55:58 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:00 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:04 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:06 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:08 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:10 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:12 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 1:56:14 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 1:56:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 1:56:18 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 1:56:20 AM | 0.006% | 690.50 | -2.860% | 26.08 | -0.073% | 500.29 |
| 1/17/2024 | 1:56:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 1:56:24 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/17/2024 | 1:56:26 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/17/2024 | 1:56:28 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:30 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:32 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 1:56:34 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:36 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:40 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:42 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:44 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:46 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:48 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:50 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 1:56:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 1:56:54 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 1:56:56 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 1:56:58 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:02 AM | 0.006% | 690.50 | -3.771% | 25.85 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:04 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:06 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:08 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:10 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:12 AM | 0.006% | 690.50 | 3.246% | 27.73 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:14 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:20 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:22 AM | 0.006% | 690.50 | -3.231% | 25.99 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:24 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:26 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:28 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:30 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:32 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:34 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:36 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:38 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:40 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:46 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 1:57:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:50 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:52 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:54 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:56 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 1:57:58 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:00 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:58:02 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/17/2024 | 1:58:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 1:58:06 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 1:58:08 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:10 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:16 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:18 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:20 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:22 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:24 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:26 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:30 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:32 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:34 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:36 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:38 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:40 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:42 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:46 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:48 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:50 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:54 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 1:58:56 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 1:58:58 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:00 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:04 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:06 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:08 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:10 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:14 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 1:59:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.073% | 500.29 |
| 1/17/2024 | 1:59:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 1:59:20 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 1:59:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 1:59:24 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:26 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 1:59:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 1:59:30 AM | 0.006% | 690.50 | 3.859% | 27.91 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:32 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:34 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:36 AM | 0.006% | 690.50 | -3.355% | 25.96 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:38 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:42 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:44 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:46 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 1:59:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:52 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:54 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:56 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.100% | 501.16 |
| 1/17/2024 | 1:59:58 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:00 AM | 0.006% | 690.50 | 2.697% | 27.57 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:02 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:04 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:08 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:10 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 2:00:12 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 2:00:14 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:00:16 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:18 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:20 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:22 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:24 AM | 0.048% | 690.80 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:26 AM | 0.048% | 690.80 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:28 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:30 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:00:36 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 2:00:38 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 2:00:40 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/17/2024 | 2:00:42 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:46 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:50 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:52 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:54 AM | 0.048% | 690.80 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:00:56 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:00:58 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.158% | 501.45 |
| 1/17/2024 | 2:01:00 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.158% | 501.45 |
| 1/17/2024 | 2:01:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.158% | 501.45 |
| 1/17/2024 | 2:01:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:06 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:08 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:10 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:12 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:14 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:16 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:18 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:20 AM | 0.048% | 690.80 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:22 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:24 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:30 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:34 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:36 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:38 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:42 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:46 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:48 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:50 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.100% | 501.16 |
| 1/17/2024 | 2:01:52 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:54 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:56 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:01:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:00 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:02 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:04 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:06 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:08 AM | 0.006% | 690.50 | -3.688% | 25.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:10 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:16 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:18 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:20 AM | 0.048% | 690.80 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:22 AM | 0.048% | 690.80 | -2.045% | 26.29 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:24 AM | 0.006% | 690.50 | -3.024% | 26.04 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:02:26 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:28 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:30 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:32 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:36 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:38 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:40 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:02:42 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:44 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:46 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.158% | 501.45 |
| 1/17/2024 | 2:02:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.215% | 501.74 |
| 1/17/2024 | 2:02:50 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.215% | 501.74 |
| 1/17/2024 | 2:02:52 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.100% | 501.16 |
| 1/17/2024 | 2:02:54 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 2:02:56 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.100% | 501.16 |
| 1/17/2024 | 2:02:58 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:00 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.042% | 500.87 |
| 1/17/2024 | 2:03:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 2:03:04 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:06 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:10 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:16 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:03:22 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:03:24 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 2:03:26 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 2:03:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 2:03:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.215% | 501.74 |
| 1/17/2024 | 2:03:32 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.215% | 501.74 |
| 1/17/2024 | 2:03:34 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.215% | 501.74 |
| 1/17/2024 | 2:03:36 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.215% | 501.74 |
| 1/17/2024 | 2:03:38 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.215% | 501.74 |
| 1/17/2024 | 2:03:40 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.215% | 501.74 |
| 1/17/2024 | 2:03:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:44 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:46 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:03:54 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 2:03:58 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:00 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:02 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:04 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:06 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:10 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:12 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:16 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:18 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:20 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:24 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:26 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:28 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:30 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:32 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:34 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:36 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:40 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:04:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:44 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:46 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:50 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.158% | 501.45 |
| 1/17/2024 | 2:04:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:54 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:56 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.215% | 501.74 |
| 1/17/2024 | 2:04:58 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:00 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:02 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:04 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:06 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:10 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 2:05:12 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 2:05:14 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.158% | 501.45 |
| 1/17/2024 | 2:05:16 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:18 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:20 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:05:22 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:24 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.158% | 501.45 |
| 1/17/2024 | 2:05:26 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.158% | 501.45 |
| 1/17/2024 | 2:05:28 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:30 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:32 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:34 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.215% | 501.74 |
| 1/17/2024 | 2:05:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:38 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:40 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:42 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:48 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:50 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:52 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:54 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:56 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 2:05:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:02 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:04 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:08 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:10 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:12 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:14 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:16 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:20 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:22 AM | 0.006% | 690.50 | -2.166% | 26.26 | 0.042% | 500.87 |
| 1/17/2024 | 2:06:24 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/17/2024 | 2:06:26 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:06:28 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:06:30 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 2:06:32 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:36 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:38 AM | 0.006% | 690.50 | 3.391% | 27.77 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:40 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:46 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 2:06:48 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:06:50 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:52 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:54 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:56 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |
| 1/17/2024 | 2:06:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:07:00 AM | 0.006% | 690.50 | -3.024% | 26.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:07:02 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 2:07:04 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 2:07:06 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 2:07:08 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/17/2024 | 2:07:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:12 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:16 AM | 0.048% | 690.80 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:18 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:20 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:22 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:24 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:30 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:32 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:34 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:36 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:40 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:42 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:46 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:48 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:50 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:52 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 2:07:58 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:04 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:06 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:10 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:12 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:14 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:16 AM | 0.006% | 690.50 | -2.819% | 26.09 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:08:18 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:20 AM | 0.048% | 690.80 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:22 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:24 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 2:08:26 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:28 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:30 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 2:08:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 2:08:36 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 2:08:38 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:44 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:46 AM | 0.006% | 690.50 | -3.148% | 26.01 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:52 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:56 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:08:58 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:00 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:02 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:04 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:06 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:08 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:10 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:12 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:14 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:16 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:20 AM | 0.006% | 690.50 | -2.860% | 26.08 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:22 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |
| 1/17/2024 | 2:09:24 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:26 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:30 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:32 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 2:09:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:36 AM | 0.006% | 690.50 | -2.777% | 26.10 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:38 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.215% | 501.74 |
| 1/17/2024 | 2:09:40 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.215% | 501.74 |
| 1/17/2024 | 2:09:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.215% | 501.74 |
| 1/17/2024 | 2:09:44 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:09:46 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:50 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:52 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:56 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 2:09:58 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 2:10:00 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.158% | 501.45 |
| 1/17/2024 | 2:10:02 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:04 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:08 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:10 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:12 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 2:10:14 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.158% | 501.45 |
| 1/17/2024 | 2:10:16 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 2:10:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 2:10:20 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:26 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 2:10:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:36 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:38 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 2:10:40 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 2:10:42 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 2:10:44 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 2:10:46 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 2:10:48 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:50 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:52 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:54 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:56 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:10:58 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:00 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:02 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:04 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:06 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:08 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:12 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:11:14 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:16 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:18 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:20 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:22 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:24 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:26 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:28 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:32 AM | 0.006% | 690.50 | 3.427% | 27.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:36 AM | 0.006% | 690.50 | -2.450% | 26.19 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:38 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:40 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:42 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:44 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:46 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:50 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:11:54 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:11:58 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:00 AM | 0.006% | 690.50 | -3.438% | 25.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:02 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:04 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:06 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:08 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:12 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:14 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:18 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:20 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:22 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:26 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:28 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:30 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:32 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:34 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:36 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:38 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:12:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:46 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:50 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:52 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 2:12:54 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:12:58 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:00 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:02 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:04 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:06 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:08 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 2:13:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:13:12 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 2:13:14 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:13:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:18 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:20 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:22 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:24 AM | 0.006% | 690.50 | -5.818% | 25.35 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:26 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:28 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:30 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:32 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:34 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:36 AM | 0.048% | 690.80 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:40 AM | 0.048% | 690.80 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:42 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:46 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:48 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:50 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:52 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:56 AM | 0.048% | 690.80 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 2:13:58 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:02 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 2:14:08 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:14:10 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.100% | 501.16 |
| 1/17/2024 | 2:14:12 AM | 0.048% | 690.80 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 2:14:14 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.100% | 501.16 |
| 1/17/2024 | 2:14:16 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:20 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:22 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:24 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:28 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:30 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:32 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:34 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:36 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:42 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:44 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:46 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:14:50 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:52 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:56 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:14:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:02 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:04 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:06 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:08 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:10 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:12 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:14 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:16 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:18 AM | 0.048% | 690.80 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:20 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:22 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:24 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:15:28 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:30 AM | 0.006% | 690.50 | -2.207% | 26.25 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:36 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:15:38 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:40 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:42 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:46 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:48 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 2:15:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:52 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:54 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 2:15:58 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:00 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:02 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:04 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:06 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:10 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:12 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:16 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:18 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/17/2024 | 2:16:20 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:16:22 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:16:24 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:16:26 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:28 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:30 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:32 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:16:36 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:40 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:44 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:46 AM | 0.006% | 690.50 | -3.646% | 25.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:48 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:50 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:52 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:54 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:56 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 2:16:58 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:00 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:02 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:04 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:17:06 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:08 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:12 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:14 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:16 AM | 0.006% | 690.50 | -3.604% | 25.90 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:18 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:20 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:22 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:24 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:26 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:28 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:30 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:36 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:38 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:40 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:42 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:46 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:48 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:17:50 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:52 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:54 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:56 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 2:17:58 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.100% | 501.16 |
| 1/17/2024 | 2:18:00 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.100% | 501.16 |
| 1/17/2024 | 2:18:02 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 2:18:04 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/17/2024 | 2:18:06 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:08 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:12 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:16 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:18 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:20 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:24 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:26 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:28 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:30 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:32 AM | 0.006% | 690.50 | -2.655% | 26.14 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:18:34 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:18:36 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:18:38 AM | 0.006% | 690.50 | 2.771% | 27.59 | -0.015% | 500.58 |
| 1/17/2024 | 2:18:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 2:18:42 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:44 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:46 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:48 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:50 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:18:58 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 2:19:00 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:19:02 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 2:19:04 AM | 0.006% | 690.50 | 3.391% | 27.77 | -0.015% | 500.58 |
| 1/17/2024 | 2:19:06 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:19:08 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:19:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 2:19:12 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:19:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 2:19:16 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:19:18 AM | 0.006% | 690.50 | 2.660% | 27.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:19:20 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 2:19:22 AM | 0.006% | 690.50 | -2.328% | 26.22 | 0.100% | 501.16 |
| 1/17/2024 | 2:19:24 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:26 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:28 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:30 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:32 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:34 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:36 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:38 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:40 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:42 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:44 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:48 AM | 0.006% | 690.50 | 2.587% | 27.54 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:52 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:56 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.158% | 501.45 |
| 1/17/2024 | 2:19:58 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:00 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.158% | 501.45 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:20:02 AM | 0.006% | 690.50 | -2.045% | 26.29 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:04 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:06 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:08 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:12 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:14 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:18 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:20 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:22 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:24 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:26 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.158% | 501.45 |
| 1/17/2024 | 2:20:28 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:30 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:32 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:34 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:36 AM | 0.006% | 690.50 | -2.942% | 26.06 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:38 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:40 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:42 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:44 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:46 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:48 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:20:50 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:52 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:54 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:56 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 2:20:58 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:00 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:02 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:04 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:10 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:18 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:22 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:24 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:26 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:28 AM | 0.006% | 690.50 | -1.923% | 26.32 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:21:30 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:34 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:36 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:38 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 2:21:40 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:44 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:46 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:48 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:52 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/17/2024 | 2:21:58 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:02 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:04 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:06 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:08 AM | 0.006% | 690.50 | -3.396% | 25.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:10 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:16 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:18 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:20 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:22 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:26 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/17/2024 | 2:22:28 AM | 0.006% | 690.50 | -2.573% | 26.16 | 0.042% | 500.87 |
| 1/17/2024 | 2:22:30 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:22:32 AM | 0.048% | 690.80 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:22:34 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:22:36 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:22:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:40 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:42 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:44 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:46 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:50 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:52 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:54 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:22:56 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:22:58 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:00 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:02 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:04 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:06 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:08 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 2:23:10 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 2:23:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 2:23:14 AM | 0.006% | 690.50 | -2.777% | 26.10 | -0.073% | 500.29 |
| 1/17/2024 | 2:23:16 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:18 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:20 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:22 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:26 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:30 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:32 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:34 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:36 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.100% | 501.16 |
| 1/17/2024 | 2:23:38 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:40 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:42 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:44 AM | 0.006% | 690.50 | -1.362% | 26.47 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:48 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.015% | 500.58 |
| 1/17/2024 | 2:23:50 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:52 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:54 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:56 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:23:58 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:00 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:02 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:04 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 2:24:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/17/2024 | 2:24:12 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:14 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:16 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:18 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:20 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:24 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:24:26 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:30 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:32 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:34 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:38 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:40 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:42 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:44 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:46 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:24:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:50 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:24:54 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 2:24:56 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:24:58 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:00 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:02 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:04 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:08 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:12 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:14 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:25:18 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 2:25:20 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:22 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:24 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:26 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:28 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:30 AM | 0.006% | 690.50 | -2.532% | 26.17 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:34 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:36 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:38 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:25:40 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:42 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 2:25:46 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 2:25:48 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 2:25:50 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/17/2024 | 2:25:52 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.131% | 500.00 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:25:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 2:25:56 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 2:25:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:00 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:02 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:06 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 2:26:08 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 2:26:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:26:12 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 2:26:14 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:26:16 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:18 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:20 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:22 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 2:26:24 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:26 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:28 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:30 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:36 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:38 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:40 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:42 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:44 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:48 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:50 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:52 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:54 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:26:56 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.100% | 501.16 |
| 1/17/2024 | 2:26:58 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 2:27:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:02 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:06 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:12 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:14 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:16 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:18 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:20 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:27:22 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:26 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:28 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:30 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 2:27:32 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 2:27:34 AM | 0.006% | 690.50 | 3.572% | 27.82 | -0.073% | 500.29 |
| 1/17/2024 | 2:27:36 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/17/2024 | 2:27:38 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/17/2024 | 2:27:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.189% | 499.71 |
| 1/17/2024 | 2:27:42 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.189% | 499.71 |
| 1/17/2024 | 2:27:44 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.073% | 500.29 |
| 1/17/2024 | 2:27:46 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:48 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:27:50 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 2:27:52 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 2:27:54 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/17/2024 | 2:27:56 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.100% | 501.16 |
| 1/17/2024 | 2:27:58 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/17/2024 | 2:28:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:02 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:04 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:06 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:08 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:10 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:12 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:14 AM | 0.006% | 690.50 | 3.209% | 27.72 | 0.100% | 501.16 |
| 1/17/2024 | 2:28:16 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.100% | 501.16 |
| 1/17/2024 | 2:28:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 2:28:20 AM | 0.048% | 690.80 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:22 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:26 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:28 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:30 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:32 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:34 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:42 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:44 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:46 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:48 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:28:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:28:52 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 2:28:54 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 2:28:56 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 2:28:58 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:00 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:02 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:06 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:08 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:12 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:14 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:16 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:18 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:22 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:24 AM | 0.006% | 690.50 | 3.354% | 27.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:26 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:32 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:34 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:36 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:38 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:29:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:46 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:48 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:50 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:52 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:54 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:56 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:29:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 2:30:00 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 2:30:02 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:30:04 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:30:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 2:30:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 2:30:10 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:14 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:16 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:30:18 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:20 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:22 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:24 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:26 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:28 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:30 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:32 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:34 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:36 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:40 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:42 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:44 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:46 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:48 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:50 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:54 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:56 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:30:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:00 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:02 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:04 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:06 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:08 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:12 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:14 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:16 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:18 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:20 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:22 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:24 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:26 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:30 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:32 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:34 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:36 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:31:38 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:40 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:42 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:44 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:31:46 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:48 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:50 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:52 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:54 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/17/2024 | 2:31:58 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:00 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 2:32:02 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 2:32:04 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 2:32:06 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:08 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:10 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:12 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:14 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.189% | 499.71 |
| 1/17/2024 | 2:32:16 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.189% | 499.71 |
| 1/17/2024 | 2:32:18 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.189% | 499.71 |
| 1/17/2024 | 2:32:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.189% | 499.71 |
| 1/17/2024 | 2:32:22 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:24 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:26 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:28 AM | 0.048% | 690.80 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:30 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:32 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:34 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:36 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:38 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:40 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:42 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:44 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:48 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:50 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:52 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/17/2024 | 2:32:58 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:00 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:02 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:04 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:06 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:08 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:10 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:12 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:33:14 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:16 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.131% | 500.00 |
| 1/17/2024 | 2:33:18 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.131% | 500.00 |
| 1/17/2024 | 2:33:20 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |
| 1/17/2024 | 2:33:22 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 2:33:24 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:28 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:30 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:34 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:36 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:38 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:40 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:42 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:44 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:50 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:52 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:54 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:33:56 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.073% | 500.29 |
| 1/17/2024 | 2:33:58 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:02 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:04 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:06 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:08 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:10 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:14 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:16 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:18 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:20 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:22 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:24 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:28 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 2:34:30 AM | 0.048% | 690.80 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:32 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:36 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:38 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:34:42 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 2:34:46 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 2:34:48 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:34:50 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:34:52 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:56 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.073% | 500.29 |
| 1/17/2024 | 2:34:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:00 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/17/2024 | 2:35:02 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.131% | 500.00 |
| 1/17/2024 | 2:35:04 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/17/2024 | 2:35:06 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/17/2024 | 2:35:08 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/17/2024 | 2:35:10 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:12 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:14 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:16 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:18 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:22 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:24 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:26 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:28 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:30 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:32 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:34 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:36 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:38 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:40 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:46 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:48 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:35:52 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:54 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:56 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 2:35:58 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 2:36:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.131% | 500.00 |
| 1/17/2024 | 2:36:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/17/2024 | 2:36:04 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.131% | 500.00 |
| 1/17/2024 | 2:36:06 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:08 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:36:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:12 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:14 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:16 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:18 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:22 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:28 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:36:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 2:36:32 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:36:34 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:36 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:38 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:42 AM | 0.006% | 690.50 | 3.859% | 27.91 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:44 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:46 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:48 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:50 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:52 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:54 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:56 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 2:36:58 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:00 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:02 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:04 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:08 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:10 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:12 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:16 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:18 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:20 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:22 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:24 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:26 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:28 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:30 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:32 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:34 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:36 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:37:38 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:40 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:42 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:44 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:46 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:37:48 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:52 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:54 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 2:37:58 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 2:38:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:38:02 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 2:38:04 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 2:38:06 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 2:38:08 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:10 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:12 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:14 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:16 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:18 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:20 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:24 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:28 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.100% | 501.16 |
| 1/17/2024 | 2:38:30 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 2:38:32 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 2:38:34 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 2:38:36 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.100% | 501.16 |
| 1/17/2024 | 2:38:38 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:40 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:38:42 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:44 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:48 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:50 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:52 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:54 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:56 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.131% | 500.00 |
| 1/17/2024 | 2:38:58 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:00 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:02 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.073% | 500.29 |
| 1/17/2024 | 2:39:04 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:39:06 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.073% | 500.29 |
| 1/17/2024 | 2:39:08 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:10 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:16 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:18 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:20 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:22 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:24 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:26 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:28 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:30 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:32 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:34 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:36 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/17/2024 | 2:39:40 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:48 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:50 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:52 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:54 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:56 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:39:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:00 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:02 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:04 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:06 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:08 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:10 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:12 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:14 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:16 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:18 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.073% | 500.29 |
| 1/17/2024 | 2:40:20 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:30 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:40:34 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:36 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:38 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:40 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:44 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:46 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:48 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:52 AM | 0.006% | 690.50 | 4.253% | 28.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:54 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 2:40:58 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:00 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:02 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:04 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:08 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:10 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 2:41:12 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:41:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:41:16 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:41:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:20 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:22 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:24 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:26 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:30 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:32 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:34 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:36 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:38 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:40 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:42 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:44 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:46 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:48 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:50 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:52 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 2:41:56 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:41:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:00 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:42:02 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:04 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:06 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:08 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:10 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:12 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:14 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:16 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:22 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:24 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:30 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:32 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:34 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:38 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:40 AM | 0.006% | 690.50 | -2.369% | 26.21 | -0.073% | 500.29 |
| 1/17/2024 | 2:42:42 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:44 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:46 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:48 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:50 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:52 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:54 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:56 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:42:58 AM | 0.006% | 690.50 | 2.697% | 27.57 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:00 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:04 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:06 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:08 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:12 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:14 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:16 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:18 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:43:20 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 2:43:22 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:24 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:43:28 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.131% | 500.00 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:43:30 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.131% | 500.00 |
| 1/17/2024 | 2:43:32 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.131% | 500.00 |
| 1/17/2024 | 2:43:34 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.131% | 500.00 |
| 1/17/2024 | 2:43:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:42 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:44 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:48 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:50 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:52 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:54 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:56 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:43:58 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:00 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:02 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:04 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:08 AM | 0.006% | 690.50 | 0.747% | 27.03 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:10 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:12 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:14 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:16 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:18 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:20 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:22 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:24 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:26 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:28 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:30 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:32 AM | 0.006% | 690.50 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:34 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:36 AM | 0.006% | 690.50 | -1.843% | 26.34 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 2:44:40 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.131% | 500.00 |
| 1/17/2024 | 2:44:42 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.131% | 500.00 |
| 1/17/2024 | 2:44:44 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.131% | 500.00 |
| 1/17/2024 | 2:44:46 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.131% | 500.00 |
| 1/17/2024 | 2:44:48 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:50 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:52 AM | 0.006% | 690.50 | -1.642% | 26.40 | -0.073% | 500.29 |
| 1/17/2024 | 2:44:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:44:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:44:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 2:45:00 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/17/2024 | 2:45:02 AM | 0.006% | 690.50 | 3.209% | 27.72 | -0.015% | 500.58 |
| 1/17/2024 | 2:45:04 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:06 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:08 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:12 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:14 AM | 0.006% | 690.50 | -3.189% | 26.00 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:16 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:18 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:20 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:22 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:24 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:26 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:28 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:30 AM | 0.006% | 690.50 | 2.439% | 27.50 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:32 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:38 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 2:45:42 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 2:45:44 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 2:45:46 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:48 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:50 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:52 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:54 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:56 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.073% | 500.29 |
| 1/17/2024 | 2:45:58 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:02 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:04 AM | 0.006% | 690.50 | -2.045% | 26.29 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:06 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:08 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:10 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:12 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:18 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:20 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:22 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 2:46:24 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:46:26 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:28 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:30 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:32 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:34 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:36 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:38 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:40 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:42 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:44 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:46 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:48 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:50 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:54 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 2:46:58 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:00 AM | 0.006% | 690.50 | -1.964% | 26.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:02 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:04 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:08 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:10 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:12 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:14 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:16 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:18 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:20 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:22 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:24 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:26 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:28 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:30 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:32 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:34 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:36 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:38 AM | 0.006% | 690.50 | 2.476% | 27.51 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:40 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:42 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:44 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:48 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 2:47:50 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:52 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.073% | 500.29 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:47:54 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:56 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.073% | 500.29 |
| 1/17/2024 | 2:47:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 2:48:00 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.073% | 500.29 |
| 1/17/2024 | 2:48:02 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 2:48:04 AM | 0.006% | 690.50 | -1.242% | 26.50 | -0.015% | 500.58 |
| 1/17/2024 | 2:48:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:08 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:10 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.158% | 501.45 |
| 1/17/2024 | 2:48:12 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 2:48:14 AM | 0.006% | 690.50 | 2.328% | 27.47 | 0.158% | 501.45 |
| 1/17/2024 | 2:48:16 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:18 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:22 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:24 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:28 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:30 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:32 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:34 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:36 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:38 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:40 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:44 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:46 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:48 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:50 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:48:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:54 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 2:48:56 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.158% | 501.45 |
| 1/17/2024 | 2:48:58 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.158% | 501.45 |
| 1/17/2024 | 2:49:00 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.158% | 501.45 |
| 1/17/2024 | 2:49:02 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:04 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:06 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:08 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:10 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:12 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:14 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:16 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:18 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:20 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|--------|--------|
| 1/17/2024 | 2:49:22 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:24 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:26 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:28 AM | 0.006% | 690.50 | -1.402% | 26.46 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:30 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:32 AM | 0.006% | 690.50 | 3.716% | 27.86 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:34 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:40 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:42 AM | 0.048% | 690.80 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:44 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:46 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 2:49:48 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:50 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:54 AM | 0.006% | 690.50 | 1.393% | 27.21 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:56 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:49:58 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:02 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:04 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:06 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:08 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:10 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:12 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:14 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:16 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.158% | 501.45 |
| 1/17/2024 | 2:50:18 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |
| 1/17/2024 | 2:50:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.158% | 501.45 |
| 1/17/2024 | 2:50:22 AM | 0.006% | 690.50 | -2.655% | 26.14 | 0.158% | 501.45 |
| 1/17/2024 | 2:50:24 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 2:50:26 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:28 AM | 0.006% | 690.50 | -2.125% | 26.27 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:30 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:32 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:36 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:40 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:42 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:46 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:48 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.100% | 501.16 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:50:50 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 2:50:52 AM | 0.006% | 690.50 | -0.649% | 26.66 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:56 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:50:58 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:00 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:04 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:06 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:08 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:10 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.042% | 500.87 |
| 1/17/2024 | 2:51:12 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:51:14 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 2:51:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 2:51:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:51:20 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:22 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:24 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:26 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:28 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:30 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:32 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:34 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:36 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:51:38 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:42 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:44 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:46 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:48 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:50 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:52 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:54 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:56 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.158% | 501.45 |
| 1/17/2024 | 2:51:58 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:00 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:02 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:04 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:08 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:10 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:12 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:14 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.158% | 501.45 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:52:18 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:20 AM | 0.006% | 690.50 | -2.004% | 26.30 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:22 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:24 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:26 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:30 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:32 AM | 0.006% | 690.50 | 1.882% | 27.34 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:34 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:36 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.158% | 501.45 |
| 1/17/2024 | 2:52:38 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:40 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 2:52:44 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:46 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:48 AM | 0.006% | 690.50 | -1.803% | 26.35 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:50 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:52 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:54 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:56 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:52:58 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:00 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:02 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:04 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:06 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:08 AM | 0.006% | 690.50 | -2.247% | 26.24 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:10 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:12 AM | 0.006% | 690.50 | -0.925% | 26.58 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:16 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 2:53:18 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/17/2024 | 2:53:20 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/17/2024 | 2:53:22 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 2:53:24 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.131% | 500.00 |
| 1/17/2024 | 2:53:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 2:53:28 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.131% | 500.00 |
| 1/17/2024 | 2:53:30 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.073% | 500.29 |
| 1/17/2024 | 2:53:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:34 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:36 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.100% | 501.16 |
| 1/17/2024 | 2:53:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:53:40 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:53:42 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.100% | 501.16 |
| 1/17/2024 | 2:53:44 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:53:46 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:48 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:50 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:52 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:54 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:56 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:53:58 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:00 AM | 0.006% | 690.50 | -2.450% | 26.19 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:02 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:04 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:06 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:08 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:10 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:12 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:14 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:16 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:20 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:22 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:24 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:26 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:28 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:30 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:36 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:38 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:54:40 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:42 AM | 0.006% | 690.50 | 0.747% | 27.03 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:44 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.100% | 501.16 |
| 1/17/2024 | 2:54:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:48 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:50 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:52 AM | 0.006% | 690.50 | 2.771% | 27.59 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:54 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:56 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 2:54:58 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:00 AM | 0.006% | 690.50 | 1.280% | 27.18 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:02 AM | 0.006% | 690.50 | 2.402% | 27.49 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:04 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:06 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:08 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:10 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:12 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:55:14 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:16 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:18 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:20 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:22 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:24 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:26 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:28 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:30 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:32 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 2:55:34 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/17/2024 | 2:55:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 2:55:38 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 2:55:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.015% | 500.58 |
| 1/17/2024 | 2:55:42 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:55:44 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:46 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:48 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:55:50 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:52 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:54 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:56 AM | 0.006% | 690.50 | -0.964% | 26.57 | 0.100% | 501.16 |
| 1/17/2024 | 2:55:58 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:00 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:02 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:04 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:06 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:12 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:14 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:16 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:18 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:20 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:22 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:26 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:28 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:30 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:32 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:34 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:36 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:38 AM | 0.006% | 690.50 | 1.769% | 27.31 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:40 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:56:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:56:44 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:46 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:48 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:50 AM | 0.006% | 690.50 | -0.806% | 26.61 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:52 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:54 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.100% | 501.16 |
| 1/17/2024 | 2:56:58 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:00 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:02 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:04 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:06 AM | 0.006% | 690.50 | 1.090% | 27.13 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:08 AM | 0.006% | 690.50 | 2.990% | 27.66 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:10 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:12 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:14 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:16 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:18 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:20 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:22 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:24 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:26 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:28 AM | 0.006% | 690.50 | 2.439% | 27.50 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:30 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:32 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:36 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:38 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:40 AM | 0.006% | 690.50 | 0.786% | 27.04 | 0.100% | 501.16 |
| 1/17/2024 | 2:57:42 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:44 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:48 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.015% | 500.58 |
| 1/17/2024 | 2:57:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 2:57:52 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 2:57:54 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:56 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 2:57:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:00 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:02 AM | 0.006% | 690.50 | -1.722% | 26.38 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:04 AM | 0.006% | 690.50 | -1.642% | 26.40 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:06 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:08 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:58:10 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:12 AM | 0.006% | 690.50 | -0.846% | 26.60 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:16 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.100% | 501.16 |
| 1/17/2024 | 2:58:18 AM | 0.006% | 690.50 | 1.582% | 27.26 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:20 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:22 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:24 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:26 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:28 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:30 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:32 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:34 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:36 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:38 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:40 AM | 0.006% | 690.50 | -0.570% | 26.68 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:42 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:44 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:46 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:58:48 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:50 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:52 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:54 AM | 0.006% | 690.50 | 2.143% | 27.42 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:56 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 2:58:58 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:00 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:02 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:04 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:06 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:08 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:10 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:14 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:16 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:22 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:24 AM | 0.006% | 690.50 | 1.732% | 27.30 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 2:59:28 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |
| 1/17/2024 | 2:59:30 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/17/2024 | 2:59:32 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 2:59:34 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 2:59:36 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 2:59:38 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.131% | 500.00 |
| 1/17/2024 | 2:59:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:42 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:44 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:46 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:48 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:50 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:52 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:54 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:56 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 2:59:58 AM | 0.006% | 690.50 | 3.209% | 27.72 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:00 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:02 AM | 0.006% | 690.50 | -1.722% | 26.38 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:06 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:08 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:12 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:14 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:16 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:18 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:20 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:22 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 3:00:24 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 3:00:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 3:00:28 AM | 0.006% | 690.50 | 1.695% | 27.29 | 0.042% | 500.87 |
| 1/17/2024 | 3:00:30 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 3:00:32 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 3:00:34 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:36 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:38 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:40 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 3:00:42 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:46 AM | 0.006% | 690.50 | -0.570% | 26.68 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:48 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:50 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:52 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:54 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:56 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.131% | 500.00 |
| 1/17/2024 | 3:00:58 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:02 AM | 0.006% | 690.50 | 1.882% | 27.34 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:04 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.131% | 500.00 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:01:06 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:08 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:12 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:14 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:16 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:18 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:20 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:22 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:24 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:26 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:28 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.073% | 500.29 |
| 1/17/2024 | 3:01:30 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:32 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:34 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:36 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:38 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:40 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:44 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:48 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 3:01:50 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:52 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:54 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.131% | 500.00 |
| 1/17/2024 | 3:01:58 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.131% | 500.00 |
| 1/17/2024 | 3:02:00 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.131% | 500.00 |
| 1/17/2024 | 3:02:02 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:04 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:08 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:10 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:12 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:14 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:16 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:18 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:20 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:22 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:26 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:28 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:30 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:32 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.073% | 500.29 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:02:34 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:36 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:40 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:42 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:44 AM | 0.006% | 690.50 | -2.573% | 26.16 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:46 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:48 AM | 0.006% | 690.50 | 1.014% | 27.10 | -0.073% | 500.29 |
| 1/17/2024 | 3:02:50 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:54 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:56 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 3:02:58 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:00 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:02 AM | 0.006% | 690.50 | 2.660% | 27.56 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:04 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:06 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:08 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:10 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:12 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:14 AM | 0.006% | 690.50 | 0.054% | 26.84 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:16 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:18 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:20 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:22 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:24 AM | 0.006% | 690.50 | 0.248% | 26.90 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:26 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.131% | 500.00 |
| 1/17/2024 | 3:03:28 AM | 0.006% | 690.50 | 2.513% | 27.52 | -0.131% | 500.00 |
| 1/17/2024 | 3:03:30 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.131% | 500.00 |
| 1/17/2024 | 3:03:32 AM | 0.006% | 690.50 | 1.204% | 27.16 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:34 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:36 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:38 AM | 0.006% | 690.50 | 1.844% | 27.33 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:42 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:44 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:48 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.073% | 500.29 |
| 1/17/2024 | 3:03:50 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:52 AM | 0.006% | 690.50 | -1.562% | 26.42 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:54 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 3:03:56 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.042% | 500.87 |
| 1/17/2024 | 3:03:58 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 3:04:00 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:04:02 AM | 0.006% | 690.50 | -1.442% | 26.45 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:04 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:06 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:08 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:10 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:12 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:14 AM | 0.006% | 690.50 | -1.402% | 26.46 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:16 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:18 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:20 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.073% | 500.29 |
| 1/17/2024 | 3:04:22 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:24 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:26 AM | 0.006% | 690.50 | -1.203% | 26.51 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:28 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:30 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:32 AM | 0.006% | 690.50 | 1.919% | 27.35 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:34 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.100% | 501.16 |
| 1/17/2024 | 3:04:36 AM | 0.006% | 690.50 | -1.163% | 26.52 | 0.100% | 501.16 |
| 1/17/2024 | 3:04:38 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.100% | 501.16 |
| 1/17/2024 | 3:04:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.100% | 501.16 |
| 1/17/2024 | 3:04:42 AM | 0.006% | 690.50 | -1.203% | 26.51 | 0.042% | 500.87 |
| 1/17/2024 | 3:04:44 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 3:04:46 AM | 0.006% | 690.50 | 0.556% | 26.98 | 0.042% | 500.87 |
| 1/17/2024 | 3:04:48 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 3:04:50 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/17/2024 | 3:04:52 AM | 0.006% | 690.50 | -0.531% | 26.69 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:54 AM | 0.006% | 690.50 | 1.956% | 27.36 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:56 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 3:04:58 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:00 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:02 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 3:05:04 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 3:05:06 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |
| 1/17/2024 | 3:05:08 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:10 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:12 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:14 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:16 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:18 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:20 AM | 0.006% | 690.50 | 2.068% | 27.40 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:22 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:24 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:26 AM | 0.006% | 690.50 | -0.413% | 26.72 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:28 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:05:30 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:32 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:34 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:36 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:38 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:40 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:42 AM | 0.006% | 690.50 | -0.925% | 26.58 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:44 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:46 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:48 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:50 AM | 0.006% | 690.50 | 2.217% | 27.44 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:54 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:56 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 3:05:58 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:00 AM | 0.006% | 690.50 | 2.624% | 27.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:02 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:04 AM | 0.006% | 690.50 | -2.532% | 26.17 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:06 AM | 0.006% | 690.50 | -2.614% | 26.15 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:08 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:10 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:12 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:14 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:16 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:18 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:20 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:22 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:24 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:26 AM | 0.006% | 690.50 | -1.322% | 26.48 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:28 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:30 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:32 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:34 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:36 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:38 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:42 AM | 0.006% | 690.50 | -0.413% | 26.72 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:44 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:46 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:48 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 3:06:50 AM | 0.006% | 690.50 | 1.356% | 27.20 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:52 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:54 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 3:06:56 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorioitúa Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:06:58 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:00 AM | 0.006% | 690.50 | -2.004% | 26.30 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:02 AM | 0.006% | 690.50 | 1.582% | 27.26 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:04 AM | 0.006% | 690.50 | -1.123% | 26.53 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:06 AM | 0.006% | 690.50 | -0.179% | 26.78 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:08 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:10 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:12 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:14 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:16 AM | 0.006% | 690.50 | -1.123% | 26.53 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:18 AM | 0.006% | 690.50 | 2.143% | 27.42 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:20 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:22 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:24 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:26 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:28 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:30 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:32 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:34 AM | 0.006% | 690.50 | 4.074% | 27.97 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:36 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:38 AM | 0.006% | 690.50 | 0.054% | 26.84 | 0.042% | 500.87 |
| 1/17/2024 | 3:07:40 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:42 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:44 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:46 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:48 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:52 AM | 0.006% | 690.50 | 1.393% | 27.21 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:54 AM | 0.006% | 690.50 | -0.964% | 26.57 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:56 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 3:07:58 AM | 0.006% | 690.50 | 3.136% | 27.70 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:00 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:02 AM | 0.006% | 690.50 | 0.786% | 27.04 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:04 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:06 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:08 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:10 AM | 0.006% | 690.50 | -1.602% | 26.41 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:12 AM | 0.006% | 690.50 | -0.062% | 26.81 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:14 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:16 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:18 AM | 0.006% | 690.50 | -1.803% | 26.35 | -0.015% | 500.58 |
| 1/17/2024 | 3:08:20 AM | 0.006% | 690.50 | -0.531% | 26.69 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:22 AM | 0.006% | 690.50 | 2.068% | 27.40 | 0.158% | 501.45 |
| 1/17/2024 | 3:08:24 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.158% | 501.45 |

501

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: PATRICIO.FEBRE@IMEE.CL, Contacto: +56-9-93279529, Sitio Web: WWW.IMEE.CL.

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:08:26 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.158% | 501.45 |
| 1/17/2024 | 3:08:28 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.158% | 501.45 |
| 1/17/2024 | 3:08:30 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.158% | 501.45 |
| 1/17/2024 | 3:08:32 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:34 AM | 0.006% | 690.50 | 0.248% | 26.90 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:36 AM | 0.006% | 690.50 | 2.624% | 27.55 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:38 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:40 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:42 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:44 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:46 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:48 AM | 0.006% | 690.50 | -0.257% | 26.76 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:50 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 3:08:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:54 AM | 0.006% | 690.50 | -0.610% | 26.67 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:56 AM | 0.006% | 690.50 | -1.964% | 26.31 | 0.100% | 501.16 |
| 1/17/2024 | 3:08:58 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.100% | 501.16 |
| 1/17/2024 | 3:09:00 AM | 0.006% | 690.50 | -2.207% | 26.25 | 0.100% | 501.16 |
| 1/17/2024 | 3:09:02 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:04 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:06 AM | 0.006% | 690.50 | -0.062% | 26.81 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:08 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:10 AM | 0.006% | 690.50 | 0.363% | 26.93 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:12 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:14 AM | 0.006% | 690.50 | -1.602% | 26.41 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:16 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:18 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:20 AM | 0.006% | 690.50 | -1.004% | 26.56 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:22 AM | 0.006% | 690.50 | -1.163% | 26.52 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:24 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:26 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.073% | 500.29 |
| 1/17/2024 | 3:09:28 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.073% | 500.29 |
| 1/17/2024 | 3:09:30 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.073% | 500.29 |
| 1/17/2024 | 3:09:32 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.073% | 500.29 |
| 1/17/2024 | 3:09:34 AM | 0.006% | 690.50 | 0.325% | 26.92 | -0.073% | 500.29 |
| 1/17/2024 | 3:09:36 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:38 AM | 0.006% | 690.50 | -0.023% | 26.82 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:40 AM | 0.006% | 690.50 | 0.709% | 27.02 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:44 AM | 0.006% | 690.50 | -2.247% | 26.24 | -0.015% | 500.58 |
| 1/17/2024 | 3:09:46 AM | 0.006% | 690.50 | 2.217% | 27.44 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:48 AM | 0.006% | 690.50 | 1.166% | 27.15 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:50 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:52 AM | 0.006% | 690.50 | 2.807% | 27.60 | 0.042% | 500.87 |

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| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:09:54 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:56 AM | 0.006% | 690.50 | 1.014% | 27.10 | 0.042% | 500.87 |
| 1/17/2024 | 3:09:58 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 3:10:00 AM | 0.006% | 690.50 | 0.132% | 26.86 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:02 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:04 AM | 0.006% | 690.50 | 2.254% | 27.45 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:06 AM | 0.006% | 690.50 | 2.402% | 27.49 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:08 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:12 AM | 0.006% | 690.50 | 2.513% | 27.52 | 0.100% | 501.16 |
| 1/17/2024 | 3:10:14 AM | 0.006% | 690.50 | 0.900% | 27.07 | 0.100% | 501.16 |
| 1/17/2024 | 3:10:16 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:18 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:20 AM | 0.006% | 690.50 | -0.767% | 26.63 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:22 AM | 0.006% | 690.50 | 3.499% | 27.80 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:24 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:26 AM | 0.006% | 690.50 | -0.728% | 26.64 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:28 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:30 AM | 0.006% | 690.50 | -0.218% | 26.77 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:32 AM | 0.006% | 690.50 | 1.695% | 27.29 | -0.073% | 500.29 |
| 1/17/2024 | 3:10:34 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.073% | 500.29 |
| 1/17/2024 | 3:10:36 AM | 0.006% | 690.50 | 1.544% | 27.25 | -0.073% | 500.29 |
| 1/17/2024 | 3:10:38 AM | 0.006% | 690.50 | 2.106% | 27.41 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:40 AM | 0.006% | 690.50 | 0.363% | 26.93 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:42 AM | 0.006% | 690.50 | -0.374% | 26.73 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:44 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.100% | 501.16 |
| 1/17/2024 | 3:10:46 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.100% | 501.16 |
| 1/17/2024 | 3:10:48 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.100% | 501.16 |
| 1/17/2024 | 3:10:50 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:52 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:54 AM | 0.006% | 690.50 | -0.649% | 26.66 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:56 AM | 0.006% | 690.50 | 1.166% | 27.15 | -0.015% | 500.58 |
| 1/17/2024 | 3:10:58 AM | 0.006% | 690.50 | 1.507% | 27.24 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:00 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:02 AM | 0.006% | 690.50 | -1.923% | 26.32 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:04 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:06 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:10 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:12 AM | 0.006% | 690.50 | -0.767% | 26.63 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:14 AM | 0.006% | 690.50 | -0.374% | 26.73 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:16 AM | 0.006% | 690.50 | -1.044% | 26.55 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:18 AM | 0.006% | 690.50 | 0.132% | 26.86 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:20 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |

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| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:11:22 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:24 AM | 0.006% | 690.50 | 2.771% | 27.59 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:26 AM | 0.006% | 690.50 | 2.476% | 27.51 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:28 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:30 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:32 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:34 AM | 0.006% | 690.50 | -1.762% | 26.36 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:36 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:38 AM | 0.006% | 690.50 | 0.325% | 26.92 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:40 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:42 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:44 AM | 0.006% | 690.50 | 2.254% | 27.45 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:46 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:48 AM | 0.006% | 690.50 | 2.881% | 27.63 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:50 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:52 AM | 0.006% | 690.50 | -0.728% | 26.64 | 0.042% | 500.87 |
| 1/17/2024 | 3:11:54 AM | 0.006% | 690.50 | 2.291% | 27.46 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:56 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 3:11:58 AM | 0.006% | 690.50 | 0.556% | 26.98 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:00 AM | 0.006% | 690.50 | 1.844% | 27.33 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:02 AM | 0.006% | 690.50 | 1.204% | 27.16 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:04 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:06 AM | 0.006% | 690.50 | -0.218% | 26.77 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:08 AM | 0.006% | 690.50 | 1.128% | 27.14 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:10 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:12 AM | 0.006% | 690.50 | -0.335% | 26.74 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:14 AM | 0.006% | 690.50 | 0.209% | 26.89 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:16 AM | 0.006% | 690.50 | 0.594% | 26.99 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:18 AM | 0.006% | 690.50 | -0.179% | 26.78 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:20 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:22 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:24 AM | 0.006% | 690.50 | 1.469% | 27.23 | 0.042% | 500.87 |
| 1/17/2024 | 3:12:26 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:28 AM | 0.006% | 690.50 | -0.610% | 26.67 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:30 AM | 0.006% | 690.50 | 0.900% | 27.07 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:32 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:34 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:36 AM | 0.006% | 690.50 | 1.657% | 27.28 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:38 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:40 AM | 0.006% | 690.50 | 0.015% | 26.83 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:42 AM | 0.006% | 690.50 | 0.170% | 26.88 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:44 AM | 0.006% | 690.50 | -0.453% | 26.71 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:46 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:48 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | | | | | | |
|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:12:50 AM | 0.006% | 690.50 | -1.322% | 26.48 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:52 AM | 0.006% | 690.50 | 0.594% | 26.99 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:54 AM | 0.006% | 690.50 | 0.824% | 27.05 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:56 AM | 0.006% | 690.50 | 1.280% | 27.18 | -0.015% | 500.58 |
| 1/17/2024 | 3:12:58 AM | 0.006% | 690.50 | -1.044% | 26.55 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:00 AM | 0.006% | 690.50 | 0.209% | 26.89 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:02 AM | 0.006% | 690.50 | -2.166% | 26.26 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:04 AM | 0.006% | 690.50 | -0.806% | 26.61 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:06 AM | 0.006% | 690.50 | 2.106% | 27.41 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:08 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:10 AM | 0.006% | 690.50 | -0.140% | 26.79 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:12 AM | 0.006% | 690.50 | -0.453% | 26.71 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:14 AM | 0.006% | 690.50 | 0.517% | 26.97 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:16 AM | 0.006% | 690.50 | -2.369% | 26.21 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:18 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:20 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:22 AM | 0.006% | 690.50 | 0.824% | 27.05 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:24 AM | 0.006% | 690.50 | 1.356% | 27.20 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:26 AM | 0.006% | 690.50 | -0.257% | 26.76 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:28 AM | 0.006% | 690.50 | 1.318% | 27.19 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:30 AM | 0.006% | 690.50 | 0.402% | 26.94 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:32 AM | 0.006% | 690.50 | -1.362% | 26.47 | -0.073% | 500.29 |
| 1/17/2024 | 3:13:34 AM | 0.006% | 690.50 | 1.128% | 27.14 | -0.073% | 500.29 |
| 1/17/2024 | 3:13:36 AM | 0.006% | 690.50 | 1.090% | 27.13 | -0.073% | 500.29 |
| 1/17/2024 | 3:13:38 AM | 0.006% | 690.50 | -0.846% | 26.60 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:40 AM | 0.006% | 690.50 | 0.517% | 26.97 | -0.015% | 500.58 |
| 1/17/2024 | 3:13:42 AM | 0.006% | 690.50 | 1.507% | 27.24 | 0.100% | 501.16 |
| 1/17/2024 | 3:13:44 AM | 0.006% | 690.50 | 1.657% | 27.28 | 0.100% | 501.16 |
| 1/17/2024 | 3:13:46 AM | 0.006% | 690.50 | 1.318% | 27.19 | 0.100% | 501.16 |
| 1/17/2024 | 3:13:48 AM | 0.006% | 690.50 | 0.633% | 27.00 | 0.100% | 501.16 |
| 1/17/2024 | 3:13:50 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.100% | 501.16 |
| 1/17/2024 | 3:13:52 AM | 0.006% | 690.50 | -1.242% | 26.50 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:54 AM | 0.006% | 690.50 | -1.004% | 26.56 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:56 AM | 0.006% | 690.50 | 1.956% | 27.36 | 0.042% | 500.87 |
| 1/17/2024 | 3:13:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:00 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:02 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:04 AM | 0.006% | 690.50 | 0.709% | 27.02 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:06 AM | 0.006% | 690.50 | 2.291% | 27.46 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:08 AM | 0.006% | 690.50 | 0.938% | 27.08 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:10 AM | 0.006% | 690.50 | 0.976% | 27.09 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:12 AM | 0.006% | 690.50 | -1.522% | 26.43 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:14 AM | 0.006% | 690.50 | -0.140% | 26.79 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:16 AM | 0.006% | 690.50 | 0.402% | 26.94 | 0.042% | 500.87 |

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitía Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|-----------|------------|--------|--------|---------|-------|---------|--------|
| 1/17/2024 | 3:14:18 AM | 0.006% | 690.50 | 0.976% | 27.09 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:20 AM | 0.006% | 690.50 | 0.441% | 26.95 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:22 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:24 AM | 0.006% | 690.50 | -2.614% | 26.15 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:26 AM | 0.006% | 690.50 | -1.843% | 26.34 | 0.100% | 501.16 |
| 1/17/2024 | 3:14:28 AM | 0.006% | 690.50 | 1.919% | 27.35 | 0.100% | 501.16 |
| 1/17/2024 | 3:14:30 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.100% | 501.16 |
| 1/17/2024 | 3:14:32 AM | 0.006% | 690.50 | -1.442% | 26.45 | 0.100% | 501.16 |
| 1/17/2024 | 3:14:34 AM | 0.006% | 690.50 | 3.209% | 27.72 | 0.100% | 501.16 |
| 1/17/2024 | 3:14:36 AM | 0.006% | 690.50 | 0.015% | 26.83 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:38 AM | 0.006% | 690.50 | -1.522% | 26.43 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:40 AM | 0.006% | 690.50 | 1.544% | 27.25 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:42 AM | 0.006% | 690.50 | 0.441% | 26.95 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:44 AM | 0.006% | 690.50 | 2.031% | 27.39 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:46 AM | 0.006% | 690.50 | 1.469% | 27.23 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:48 AM | 0.006% | 690.50 | 0.633% | 27.00 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:50 AM | 0.006% | 690.50 | 1.732% | 27.30 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:52 AM | 0.006% | 690.50 | 1.769% | 27.31 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:54 AM | 0.006% | 690.50 | -0.335% | 26.74 | -0.015% | 500.58 |
| 1/17/2024 | 3:14:56 AM | 0.006% | 690.50 | 2.031% | 27.39 | 0.042% | 500.87 |
| 1/17/2024 | 3:14:58 AM | 0.006% | 690.50 | 0.170% | 26.88 | 0.042% | 500.87 |
| 1/17/2024 | 3:15:00 AM | 0.006% | 690.50 | 0.938% | 27.08 | 0.042% | 500.87 |

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|---------|---|--------|--|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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|---|--|---|
|  | INFORME TÉCNICO DE LA PRUEBA: “POTENCIA MÁXIMA” DE LA CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO H (ACTA DE PRUEBA)

507

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|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorigoitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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| | | |
|---|---|---|
|  | ACTA DE PRUEBA: “POTENCIA MÁXIMA”
CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | Martes 16 enero 2024 | |
| Mandante | Revisión 0 | Proveedor |

PARTICIPANTES DE LA PRUEBA

| Ítem | Nombre y Apellido | Cargo / Empresa | Email |
|------|-----------------------------------|--|--|
| 1 | Patricio Febre Cisternas | Experto Técnico / IMEE | patricio.febre@imee.cl |
| 2 | Francisco Javier Gorigoitia Acuña | Ingeniero de Proyectos y Cálculos / IMEE | francisco.gorigoitia@imee.cl |
| 3 | Rodrigo Vicencio Morales | Jefe Operaciones/ Central Alfalfal | rodrigo.vicencio@aes.com |
| 4 | Carolina Bernuy Bahamondez | Especialista de Operaciones Comerciales | carolina.bernuy@aes.com |
| 5 | Gonzalo Jerez Palma | Jefe de Turno/ Central Alfalfal | gonzalo.jerez@aes.com |
| 6 | Eduardo González V. | Ingeniero del Departamento de Control de la Operación / Coordinador Eléctrico Nacional | eduardo.gonzalez@coordinador.cl |
| 7 | David Ibaceta Reinoso | Ingeniero del Departamento de Control de la Operación / Coordinador Eléctrico Nacional | david.ibaceta@coordinador.cl |

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INGENIERÍA, MANTENIMIENTO Y EFICIENCIA ENERGÉTICA SPA, RUT: 76.696.552-0, Dirección: Errázuriz #1178, Oficina N° 75, Valparaíso, E-mail: patricio.febre@imee.cl, Contacto: +56-9-93279529, Sitio Web: www.imee.cl.

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|---|--|---|
|  COORDINADOR
ELÉCTRICO NACIONAL | ACTA DE PRUEBA: "POTENCIA MÁXIMA"
CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | Martes 16 enero 2024 | |
| Mandante | Revisión 0 | Proveedor |

INICIO Y TERMINO DE LA PRUEBA

| | Fecha | Hora |
|----------------------|------------|-------|
| Inicio de la prueba | 16/01/2024 | 22:15 |
| Término de la prueba | 17/01/2024 | 03:15 |

PRINCIPALES PARÁMETROS TÉCNICOS DE LA PRUEBA

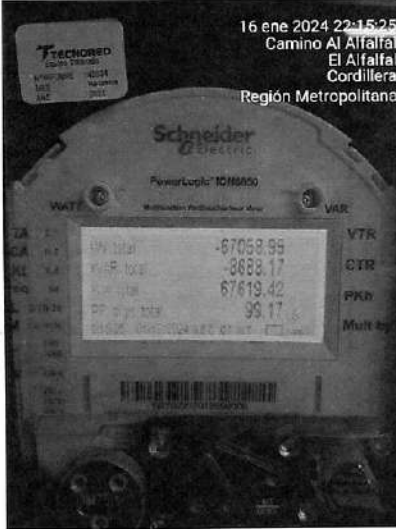
A continuación, se describen algunos parámetros técnicos de la unidad de Central Alfalfal Unidad 1 y 2, la cual se someterá a la prueba de potencia máxima.

| Ítem | Descripción del parámetro | Valores | Unidad |
|------|--|---------|---------|
| 1 | Tipo turbina. | Pelton | [-] |
| 2 | Potencia máxima activa bruta objetivo de la prueba U1. | 87.000 | [kW] |
| 3 | Potencia máxima activa bruta objetivo de la prueba U2. | 67.000 | [kW] |
| 4 | Factor de Potencia de la prueba U1. | 0,98 | [-] |
| 5 | Factor de Potencia de la prueba U2. | 0.99 | |
| 6 | Velocidad de rotación U1 y U2. | 500 | [rpm] |
| 7 | Caudal total durante la prueba. | 26,5 | [m3/s] |
| 8 | Altura durante la prueba. | 690 | [m.c.a] |

| | | |
|---|--|---|
|  | ACTA DE PRUEBA: "POTENCIA MÁXIMA"
CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | Martes 16 enero 2024 | |
| Mandante | Revisión 0 | Proveedor |

OBSERVACIONES ANTES, DURANTE Y DESPUÉS LA PRUEBA

A continuación, se registran todas las observaciones consignadas durante la realización de la prueba de la unidad 1 y 2:

| Ítem | Observaciones |
|------|---|
| 1 | Se inicia reunión de coordinación desde las 21:00 hrs, junto a los participantes de la prueba Experto Técnico y Coordinado, finalizando a las 22:00 hrs. |
| 2 | <p>Durante las 21:00 a 22:00 hrs se realizan las siguientes observaciones:</p> <p>2.1. Se mantiene la experiencia aprendida por parte del equipo del experto técnico y se procede a realizar registro fotográfico cada 15 minutos de los medidores de energía de facturación (U1 y U2) y el conectado en los bornes del generador de la unidad 1 y 2. Las fotografías se realizan por medio de la aplicación timestamp para registrar la fecha y la hora de la foto.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Medidor de energía facturación U1.</p> </div> <div style="text-align: center;">  <p>Medidor de energía conectado a los bornes del generador unidad 1.</p> </div> </div> |

3

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| | | |
|---|--|---|
|  | ACTA DE PRUEBA: "POTENCIA MÁXIMA"
CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | Martes 16 enero 2024
Revisión 0 | |
| Mandante | | Proveedor |

| | | |
|---|---|---|
| 3 |  <p><i>Medidor de energía facturación U2.</i></p> |  <p><i>Medidor de energía conectado a los bornes del generador unidad 2.</i></p> |
| | <p>2.2. Comienzan los preparativos para iniciar la prueba de potencia máxima.</p> <p>2.3. Se utiliza grupo de whatsapp para dejar el registro fotográfico e información relevante, a todos los involucrados en la prueba (Coordinado – Experto técnico – Coordinador).</p> <p>2.4. Se revisan los check list del protocolo de prueba antes de comenzar la prueba.</p> <p>2.5. Se acuerda realizar la prueba con factor de potencia entre 0,98 a 0.99 y se realizará corrección para los cálculos en el informe final.</p> <p>2.6. Las mediciones ambientales se obtendrán de estación meteorológica cercana a la central Alfalfal.</p> <p>2.7. Se generan tendencias en DCS de las variables de generación bruta, caudal y presión de pique medidos en metros de columna de agua.</p> <p>2.8. Se deja registro fotográfico al inicio de la prueba comprobando la desconexión del virtual reservoir en terreno.</p> <p>2.9. Conforme a protocolo de prueba la data recopilada del medidor conectado a los bornes del generador se registra cada 5 minutos.</p> | |
| | <p>A las 22:15 hrs se da inicio a la prueba de Potencia Máxima de Central Alfalfal Unidad 1 y 2 (ambas unidades en simultaneo).</p> | |

4

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| | | |
|---|--|---|
|  | ACTA DE PRUEBA: "POTENCIA MÁXIMA"
CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | Martes 16 enero 2024 | |
| Mandante | Revisión 0 | Proveedor |

| | |
|---|--|
| 4 | <p>Durante la prueba se establecen las siguientes consideraciones:</p> <p>4.1 Duración de 5 horas, donde se visualiza a Central Alfalfal unidad 1 generando de manera estable alrededor de 67.000 [kW] y la unidad 2 alrededor de 88.000 [kW].</p> |
| 5 | A las 03:15 hrs finaliza la prueba de Potencia Máxima de Central Alfalfal Unidad 1 y 2. |
| 6 | <p>Consideraciones de la prueba:</p> <p>6.1 El periodo de la prueba es de 5 horas y se estableció desde las 22:15 hrs a 03:15 hrs, se tomaron datos de respaldo durante 30 minutos después de finalizar la prueba.</p> |

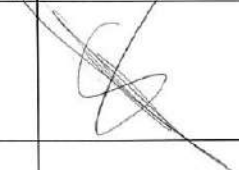
5

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CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | Martes 16 enero 2024 | |
| Mandante | Revisión 0 | Proveedor |

APROBACIÓN DE ACTA

| Ítem | Nombre | Cargo / Empresa | Email | Firma |
|------|--------------------------|---|--|--|
| 1 | Gonzalo Jerez Palma | Jefe de Turno/
Central Alfalfal | gonzalo.jerez@aes.com |  |
| 2 | Patricio Febre Cisternas | Experto Técnico /
IMEE | patricio.febre@imee.cl |  |
| 3 | David Ibaceta Reinoso | Ingeniero del
Departamento de
Control de la
Operación /
Coordinador
Eléctrico Nacional | david.ibaceta@coordinador.cl | |
| 4 | Eduardo González V. | Ingeniero del
Departamento de
Control de la
Operación /
Coordinador
Eléctrico Nacional | eduardo.gonzalez@coordinador.cl | |

| | | |
|---|--|---|
|  | INFORME TÉCNICO DE LA PRUEBA: “POTENCIA MÁXIMA” DE LA CENTRAL ALFALFAL UNIDAD 1 y 2
Código: PPM064-2023-CC-DCO-0 |  |
| | 17 febrero 2025 | |
| Mandante | Revisión 1 | Proveedor |

ANEXO I (TEST DE EFICIENCIA TERMODINÁMICA A TURBINA PELTON)

514

| | | | | | |
|---------|---|--------|---|---------|--------------------------------|
| Realiza | Francisco Gorioitia Acuña | Revisa | Patricio Febre Cisternas | Aprueba | Coordinador Eléctrico Nacional |
| Cargo | Ingeniero de Proyectos | Cargo | Experto Técnico | Cargo | |
| Firma |  | Firma |  | Firma | |
| Fecha | 17/02/2025 | Fecha | 17/02/2025 | Fecha | 17/02/2025 |

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TECHNICAL REPORT

No. **HSZ/2013-0420**

Author(s) **Gian-Luca Morandi**

Code Name **Alfalfal**

Date **06.12.2013**

Title

ALFALFAL # 1

Thermodynamic Efficiency Test

TEST REPORT

Summary

ANDRITZ HYDRO performed thermodynamic efficiency site tests on unit I of the power plant Alfalfal from November 25 to 28, 2013.

The tests were performed according to IEC Standard 41, edition 1991, "Field acceptance tests to determine the hydraulic performance of hydraulic turbines, storage pumps and pump-turbines".

Unit 1 reached a measured weighted efficiency of 90.35%, guaranteed are 90.92% for coated components. The contractual tolerance of $\pm 1\%$ is respected and the efficiency guarantee is fulfilled. The same is valid for the power output with a maximum measured value of 93633 kW compared to the guarantee of 92150 kW.

The operating hours of the runner at the time of test were 378 hours. Nevertheless, the buckets showed small damages such as peeled off coating at the cutting edge, probably due to stone impact, and signs of abrasion. The inside surface of the injectors has not been refurbished and is rough. The described flaws increase losses and are one reason for the lower than guaranteed efficiency.

Further, different tests with various nozzle combinations indicate that there is increased loss in nozzle number two.

Participants AES Gener: Mr. Nelson Vásquez Muñoz, Mr. Gustavo Febre, Mr. Waldo Guerrero, Mr. Rodolfo Martinez

ANDRITZ HYDRO: HCL: Mr. Claudio Golo
HSZ: Mr. Hansjörg Schafflützel, Mr. Gian-Luca Morandi

Unit 1 v1R6NA n = 500 rpm $H_{rated} = 690.0$ m $D_1 = 2105$ mm P = 92150 kW

Catchword: Pelton turbine, efficiency test

| Copies to | Whole Report | Page 1 only | Copies to | Whole Report | Page 1 only | Author's signature |
|-----------------|--------------|-------------|-----------|-----------------------|-------------|---|
| AES Gener | 1 | | | | |  |
| HCL | 1 | | | | | Checked |
| HIT | 1 | | | | |  |
| HSZ | 1 | | | | | Hansjörg Schafflützel |
| | | | | | | OrderNo. K633.13109.01 |
| Related reports | | | | This report comprises | | |
| Calc. File No. | | | | 17 Pages | 66 | Enclosures |
| | | | | Page 1 | | |

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1 DEFINITIONS

1.1 Symbols

| Symbol | Unit | Term |
|------------------|-----------------------|--------------------------------------|
| A | m , cm , mm | Area |
| B | m | Width |
| E | J/kg | Specific hydraulic energy of machine |
| E _m | J/kg | Specific mechanical energy at runner |
| Eta = η | % | Efficiency |
| F | kN | Force |
| H | m | Head |
| HW | m | Headwater |
| L | m | Length |
| P | kW, MW | Power |
| P _{a-w} | W/m ² / °C | power exchange coefficient |
| Q | m ³ /s | Discharge |
| T | °C | Temperature |
| U | V | Tension |
| a | m ³ /kg | Mean isothermal factor of water |
| c _p | J/kg/°C | Mean specific heat capacity of water |
| cos φ | | Power factor |
| e | J/kg | Absolute Measuring uncertainty |
| f | % | Relative Measuring uncertainty |
| f | Hz | Frequency |
| g | m/s ² | Acceleration due to gravity |
| k | | Constant |
| n | rpm | Speed |
| p | Pa, bar | Pressure |
| q | l/min | flow rate |
| rho = ρ | kg/m ³ | Density of water |
| s ₀ | % | Servomotor stroke |
| s | | Standard deviation |
| t | min, s | Time |
| v | m/s | Velocity |
| z | m | Elevation |
| z | - | number of nozzles in operation |
| η | % | Efficiency |
| ρ | kg/m ³ | Density |

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1.2 Indices

Index Term

| | |
|------|---|
| 0 | Zero value |
| 1 | High pressure side, static pressure cross-section |
| 10 | High pressure side, thermodynamic cross-section |
| 11 | High pressure side, thermodynamic cross-section after first expansion |
| 2 | Low pressure side, static pressure cross-section |
| 20 | Low pressure side, thermodynamic cross-section |
| G | Generator |
| HW | Headwater |
| L | Loss |
| Tu | Turbine |
| air | Air |
| grad | Gradient |
| h | Hydraulic |
| m | Manometer |
| m | Mechanical |
| read | Reading |
| ref | Reference |
| sp | Specified |
| st | Static |
| tot | Total |

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2 PREPARATIONS

2.1 Preparation Works

A frame with three holder pipes for the thermometers and the pressure sensor was installed in the tailrace channel, measuring section 20. It was made sure that no cooling or drainage water disturbed the measurement.

2.2 Inspection of the Turbine

A visual inspection of the runner and the nozzles was made before the test. The findings are described here and are documented in enclosure 4 & 5. Nozzle tip ring, needle and runner are coated.

Runner

The runner has been operated for 378 hours. The following small damages at most buckets were detected:

- Peeled of coating at cutting edge probably due to stone impact
- Signs of abrasion on single buckets at cut out edge

The roughness of the runner was measured at several locations near the cutting edge (flat surface). The resulting surface roughness is N8.

Needle and nozzle tip ring

The surface of the needle showed no damages and no signs of abrasion. The same is valid for the nozzle tip ring. No burr was perceptible on the nozzle tip ring.

Injector

With the nozzles in opened position it was possible to see the surface inside of the injector. As the injectors were not refurbished (besides nozzle tip ring and needle) the surface of the injectors is not smooth. On large areas there is no anti-corrosion paint resulting in corroded, rough surface.

3 METHOD OF MEASUREMENT

The tests were performed in accordance with the IEC Standard 60041-1991, „Field acceptance tests to determine the hydraulic performance of hydraulic turbines, storage pumps and pump-turbines“.

Chapter 14 of this IEC Standard deals especially with the Thermodynamic Method. The Thermodynamic Method was applied, using the “*Direct operating procedure*”.

The disposition of the measuring instruments is given in enclosure 1. Enclosures 6 to 8 document the installation of the measuring equipment.

3.1 Static Pressure at Inlet

The static pressure at inlet p_1 in section 1 (enclosure 2), was measured with a Baumer pressure transducer, instrument number 07 022 315, which was calibrated in our laboratory for a pressure range of 0 to 100 bar.

The pressure at the section 1 was measured with two taps connected.

3.2 Tail Water Level

The tail water level was measured in the section 20 (enclosure 2) with a DRUCK pressure transducer (level sensor), instrument N° 07 022 039. The DRUCK pressure transducer was calibrated in our laboratory for a pressure range of 0 to 0.35 bar.

3.3 Thermodynamic Measurement

The losses in the turbine manifest themselves by warming up the water. For the determination of the efficiency the temperature rise and the pressures are measured to calculate the mechanical and hydraulic specific energy.

The mechanical energy E_m was measured between the sections 10 and 20 (enclosure 2).

On the high pressure side (section 10) the energy cannot be measured directly in the flow. Thus a sample flow has to be extracted by a total head probe (sampling probe, see enclosure 3 and picture enclosure 6). Pressure and temperature were measured in the measuring chamber 11 after a first expansion. The sample flow was then led through a tube to a valve with which the flow rate was adjusted. The sample flow rate was measured using a rotameter, instrument number 99 001 112 (enclosures 22 to 24).

The pressure p_{11} was measured with a Baumer pressure transducer. The instrument, Number 07 022 316, was calibrated in our laboratory for a range of 0 to 100 bar.

A frame with three vertical pipes with holes was fixed into the tail race channel to install the three temperature probes and pressure transducer on the low pressure side section 20 (enclosures 2 & 6).

The temperatures T_{11} and T_{20} in the sections 11 and 20 were measured with thermometer probes PT 1000. The accuracy and sensitivity of these probes are 0.001°C.

The zero readings of the temperature differences were checked before and after the tests by putting all thermometer probes into an insulated pot of water (check at different water temperatures, see enclosures 7 and 30 to 32).

The measurement was performed with a power factor of 0.85 which corresponds to usual operation of the machine. The generator power was measured by recording the power signal from the control system. As the signal scaling was not known at the beginning of the measurement, it has been

agreed record the generator power manually from the control screen (enclosure 7) and calibrate the recorded voltage signals with the manual readings at the end of the measurement.

3.4 Speed

The speed changes synchronous to the grid frequency. The grid frequency was measured using the instrument 47 514 014 from Orbit Controls.

3.5 Air Temperature

Measurement was performed with a thermometer probe PT 1000.

3.6 Needle Positions

The positions of all six needles were recorded as voltage-signals from the control system. In order to calibrate the signals the closed and fully open position of each injector was recorded.

3.7 Readings

The readings were automatically made by an Agilent Data Acquisition / Switch Unit, Serial No. MY41030720 (enclosures 17 to 21), monitored by a computer (HydroPTS-Excel file). During a measuring time of two minutes, the system takes 31 readings of each signal (integrated values) and evaluated the mean values, standard deviations and gradients.

4 SURVEYS

4.1 Survey of the Different Elevations

The elevations of the different pressure measuring devices were surveyed or taken from drawings. The reference elevations used in the evaluation are:

Unit I

| | |
|---------------------|-----------|
| Turbine floor: | 1331.50 m |
| Runner elevation: | 1329.50 m |
| Floor of tail race: | 1323.50 m |

4.2 Control Sections

For the evaluation of the different water velocities, the corresponding areas of the cross-sections were taken from drawings.

4.2.1 High Pressure Side, Static Pressure Section 1

The inlet diameter of the measuring section 1 is $D = 1200 \text{ mm}$.
The resulting area is $A_1 = 1.1310 \text{ m}^2$

4.2.2 High Pressure Side, Thermodynamic Section 11

The sampling probe „Type Schedelberger“ (enclosure 3) has a cross-section area of
 $A_{11} = 0.0001885 \text{ m}^2$

4.2.3 Low Pressure Side, Thermodynamic Section 20

The thermometer probes were inserted in measuring pipes. Inside these pipes the main flow velocity is zero. Therefore, the velocity energy is taken as zero for the evaluation.

The probes were installed 10 cm above the floor. An exploration of the temperature distribution was conducted during the preliminary measurements by changing the installation height of the probes to 1.4 m above the floor. No effect could be observed.

5 PROPERTIES OF WATER, ACCELERATION DUE TO GRAVITY, AMBIENT PRESSURE, CERTIFICATES/CALIBRATIONS, GENERATOR EFFICIENCY

5.1 Properties of Water

For the evaluation the following mean values of the physical properties of water are requested:

| | | |
|----------|---------------------------------|--------------|
| ρ | density of water | enclosure 9 |
| α | isothermal factor of water | enclosure 10 |
| c_p | specific heat capacity of water | enclosure 11 |

These values are given in the IEC publication 60041 in the tables of the appendices E2, E5 and E6 and are calculated according to the formulas given in IEC 41 (enclosure 12 & 13).

5.2 Acceleration Due to Gravity

The acceleration due to gravity conforms to the formula given in appendix E1 of IEC publication 60041:

$$g = 9.7803 * (1 + 0.0053 * \sin^2\phi) - 3 * 10^{-6} * z \quad [\text{m/s}^2]$$

Thus for ALFALFAL with

- the latitude of 33.5° and
- the elevation of 1329.50 m

$$g = 9.7921 \text{ m/s}^2$$

5.3 Ambient Pressure

The ambient pressure is normally the barometric pressure. It is evaluated conforming to the International Standard ISO 2533 „Standard Atmosphere“ with the formula

$$p_{\text{amb}} = 1.01325 * (1 - 2.2558 * 10^{-5} * \text{elevation})^{5.255} \quad [\text{bar}]$$

Thus for ALFALFAL

$$p_{\text{amb}} = 0.863 \text{ bar}$$

5.4 Calibrations and Certificates

Pressure Transducers

| Enclosure | Transducer | Instrument N° | for | Range | Gain |
|-----------|------------|---------------|-----------|----------|--------------|
| 15 | Baumer | 07 022 315 | p_{m1} | 100 bar | 62.917 bar/V |
| 16 | Baumer | 07 022 316 | p_{m11} | 100 bar | 62.360 bar/V |
| 14 | Druck | 07 022 039 | p_{m20} | 0.35 bar | 0.2179 bar/V |

Certificates and descriptions

| Enclosure | Instrument |
|-----------|--|
| 17-21 | Agilent Data Acquisition / Switch Unit, MY41030720 |
| 22-24 | Rotameter, TM 18 E FMS |

5.5 Generator Efficiency

The generator efficiency was taken from the report Z/H 841/92-1 of the measurement 1992. The curves are given for a power factor of 0.85 with which the machine was operated during the tests. The curves are given in enclosure 29.

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6 EVALUATION

6.1 Remarks and Checks

The data acquisition and evaluation was made automatically by a system, consisting of a Data Acquisition / Switch Unit, and a personal computer. During a measuring period of two minutes, the system recorded 31 readings (integrated values) and calculated the mean values, the standard deviations and gradients.

The zero points of the pressure transducers were checked before and after the tests and recorded (enclosure 6). The set-up of the data acquisition system is given in the enclosure 25.

The determination of the zero points of the thermometers ($T_{11} - T_{20}$) was checked before and after the test at different water temperatures. The correlation diagrams are presented in enclosures 30 to 32. Thus, the zero points could be defined as a function of the water temperature, and were applied for the evaluation (see "*Modification*" on the acquisition sheets).

The power was measured with a voltage signal from the control system. As the scaling was not known the active power was also recorded manually. It has been agreed to use the correlation between the manual records and the readings from the voltage signal to calibrate the voltage signal. The correlation diagram and the formula used, is given in enclosure 28.

The water temperature of the in-flowing water was observed. Temperature gradients were present but within the allowable limits according to IEC.

The measurements and evaluations are correlated as follows:

- Each constant turbine load was given a separate "*Operating point number*".
- Each measurement was given a continuous "*Measuring point number*".
- Furthermore the "*Time*" for each measurement is indicated.

Each operating point was measured to times to check repeatability.

Data records and evaluations:

- | | |
|--------------------|------------------------|
| • enclosure 26 | Set-up and zero checks |
| • enclosure 27 | Measurement protocol |
| • enclosures 33-35 | Readings |
| • enclosures 36-38 | Evaluation |

6.2 Specific Hydraulic Energy

The specific hydraulic energy is according to IEC publication 60041, clause 2.3.6:

$$E = (p_1 - p_2) / \rho + (v_1^2 - v_2^2) / 2 + g (z_1 - z_2)$$

For a Pelton turbine we have $p_2 = 0$ bar and $v_2 = 0$ m/s, thus the formula is reduced to

$$E = p_1 / \rho + v_1^2 / 2 + g (z_1 - z_2)$$

The density ρ is taken for

$$\begin{aligned} p &= p_{\text{amb}} + p_1 / 2 \quad \text{and} \\ T &= T_1 \end{aligned}$$

The water temperature T_1 (unexpanded water in the penstock) is evaluated to

$$T_1 = T_{11} - 1/c_p \cdot [a (p_1 - p_{11}) + g(z_1 - z_{11}) + v_1^2/2 - v_{11}^2/2]$$

The values a and c_p are obtained from the IEC-tables or formulas for

$$p = p_{amb} + (p_1 + p_{11}) / 2 \quad \text{and} \\ T = T_{11}$$

6.3 Head

By division of the specific hydraulic energy by the value of acceleration due to gravity the net head is obtained:

$$H = E / g$$

6.4 Specific Mechanical Energy

The specific mechanical energy, according to IEC publication 60041, clause 14.2, and for the arrangement of the measuring instruments in ALFALFAL is given as:

$$E_m = a (p_{11} - p_{20}) + c_p (T_{11} - T_{20}) + (v_{11}^2 - v_{20}^2) / 2 + g (z_{11} - z_{20}) + dE_m$$

The values for a and c_p are taken for

$$p = p_{amb} + (p_{11} + p_{20}) / 2 \quad \text{and} \\ T = (T_{11} + T_{20}) / 2$$

In the case of a Pelton turbine p_{20} is equal zero.

The temperature probes in the draft tube are located inside the holder pipes. The main water velocity inside this holder pipes is close to zero. Therefore, v_{20} can be neglected in the evaluation.

The corrective term δE_m is composed of various other terms:

- Corrective term for heat transfer in the sampling device:
In our case the thermometer probe is directly inserted into the sampling probe.
A continuously flowing amount of water is flowing around the sampling water preventing any relevant heat transfer. Thus the heat transfer is zero.
- Corrective term for heat transfer through metal walls (air – wall – water) .

$$dE_{m,ht} = 1/(\rho \cdot Q) \cdot A \cdot P_{a-w} \cdot (T_{air} - T_1)$$

For Alfalfal this term can be neglected as the distributor is embedded in concrete.

- Corrective term due to a temperature gradient of the in-flowing water.

$$dE_{m,grad} = c_p \cdot (dT/dt) \cdot (t_a - t - t_b)$$

t_a = transit time of drawn-off water between the measuring section 10 and the measuring vessel on the high pressure side, section 11, assumed 0.1 s

t = transit time of water between the inlet and outlet sections (10 and 20) of the turbine, $t = V / Q$

t_b = transit time from measuring section 20 to the temperature sensor

6.5 Hydraulic Turbine Efficiency

The hydraulic efficiency (runner) is evaluated as

$$\eta_h = E_m / E$$

6.6 Power

The turbine power is obtained from the active power of the generator under consideration of the generator efficiency:

$$P_{Tu} = P_{Gen} / \eta_{Gen}$$

To calculate the mechanical power of the runner the mechanical losses of the turbine bearing have to be considered. The bearing losses were taken from the report Z/H 841/92-1 of the measurement 1992 and are $P_{L,T} = 90.2$ kW.

$$P_m = P_{Tu} + P_{L,T} = P_{Tu}$$

6.7 Discharge

The discharge is evaluated with the usual formula for efficiency as:

$$Q = P_{Tu} / (\rho \cdot g \cdot H \cdot \eta_h)$$

After this discharge value is obtained, the whole evaluations for E and E_m have to be repeated (iteration) as long as the discharge value differs considerably from the initially assumed value.

6.8 Conversion to Specified Speed

All results have to be converted the constant specified speed $n_{sp} = 500$ rpm:

$$Q_{sp} = Q \cdot (n_{sp} / n)$$

$$H_{sp} = H \cdot (n_{sp} / n)^2$$

$$P_{sp} = P \cdot (n_{sp} / n)^3$$

6.9 Conversion to Specified Head

The results have to be converted to the specified net head with the formulas

$$Q_{sp} = Q \cdot (H_{sp} / H)^{0.5}$$

$$P_{sp} = P \cdot (H_{sp} / H)^{1.5}$$

7 UNCERTAINTIES IN MEASUREMENTS

The analysis of the measuring errors was made after the tests in accordance with the recommendations of IEC Standard 60041, edition 1991.

7.1 Uncertainties in Hydraulic Energy (Head)

The measuring uncertainty is composed of a systematic uncertainty e_{E_s} , of a reading uncertainty (Standard deviation) e_{E_r} , of an uncertainty in the velocity energy e_{E_v} and of an uncertainty in the determination of the elevations e_{E_z} .

The total uncertainty on the hydraulic energy (head) e_E is obtained as:

$$e_E = \pm (e_{E_s}^2 + e_{E_r}^2 + e_{E_v}^2 + e_{E_z}^2)^{0.5}$$

The measuring uncertainty on the hydraulic energy f_E is obtained as:

$$f_E = \pm e_E / E$$

7.2 Uncertainties in Mechanical Energy

There are different sources of systematic and reading uncertainties in the determination of the mechanical energy:

- Determination of the main terms in the expression for E_m
- Determination of corrections while allowing for secondary phenomena
- Exploration of energy distribution at inlet and outlet

For this third source the assumed uncertainty was (according to IEC)

- high pressure side $\pm 0.2 \%$ of E_m
- low pressure side $\pm 0.5 \%$ of E_m

The total uncertainty on the mechanical energy e_{E_m} is the root mean square of the component uncertainties.

The measuring uncertainty on the mechanical energy f_{E_m} is obtained as:

$$f_{E_m} = \pm e_{E_m} / E_m$$

7.3 Uncertainties in Efficiency

The measuring uncertainty in efficiency is obtained as

$$f_\eta = \pm (f_E^2 + f_{E_m}^2)^{0.5}$$

The resulting mean uncertainty in efficiency was: 0.66%

7.4 Uncertainties in Power

Considering the uncertainties of the transducers, measuring device and the generator efficiency we assume an uncertainty of

$$f_{P_{Tu}} = \pm 0.7 \%$$

7.5 Uncertainties in Discharge

Thus the measuring uncertainty in discharge obtained from the thermodynamic discharge is

$$f_Q = \pm (f_\eta^2 + f_E^2 + f_P^2)^{0.5}$$

The resulting mean uncertainty in thermodynamic discharge was: 0.97%

8 RESULTS

Figure 1 shows the results of the measurements at the effectively prevailing net head. The repeatability is always within the measurement uncertainty. The effective net head during the measurement varied from approximately 696 m to almost 700 m. This is always within 2% of the rated net head of 690 m, and allows a conversion to the rated head without efficiency correction (according to IEC).

As can be seen, four-jet operation was measured with two different injector combinations. First with injectors 1 and 4 closed leading to a relatively low efficiency level. The second injector combination was with injectors 2 and 5 closed which leads to a constantly increased efficiency level of about +0.7%. This result indicates that either injector 2 or 5 cause increased losses.

Three-injector operation was measured with 1, 3 and 5. As can be seen the efficiency level remains high. This is a strong indication, that the increased losses are caused in injector 2.

The observed difference in efficiency is larger than usual and should be investigated. It might be caused by an object (e.g. stuck branch or rock) obstructing the flow or damaged nozzle. A thorough inspection is suggested.

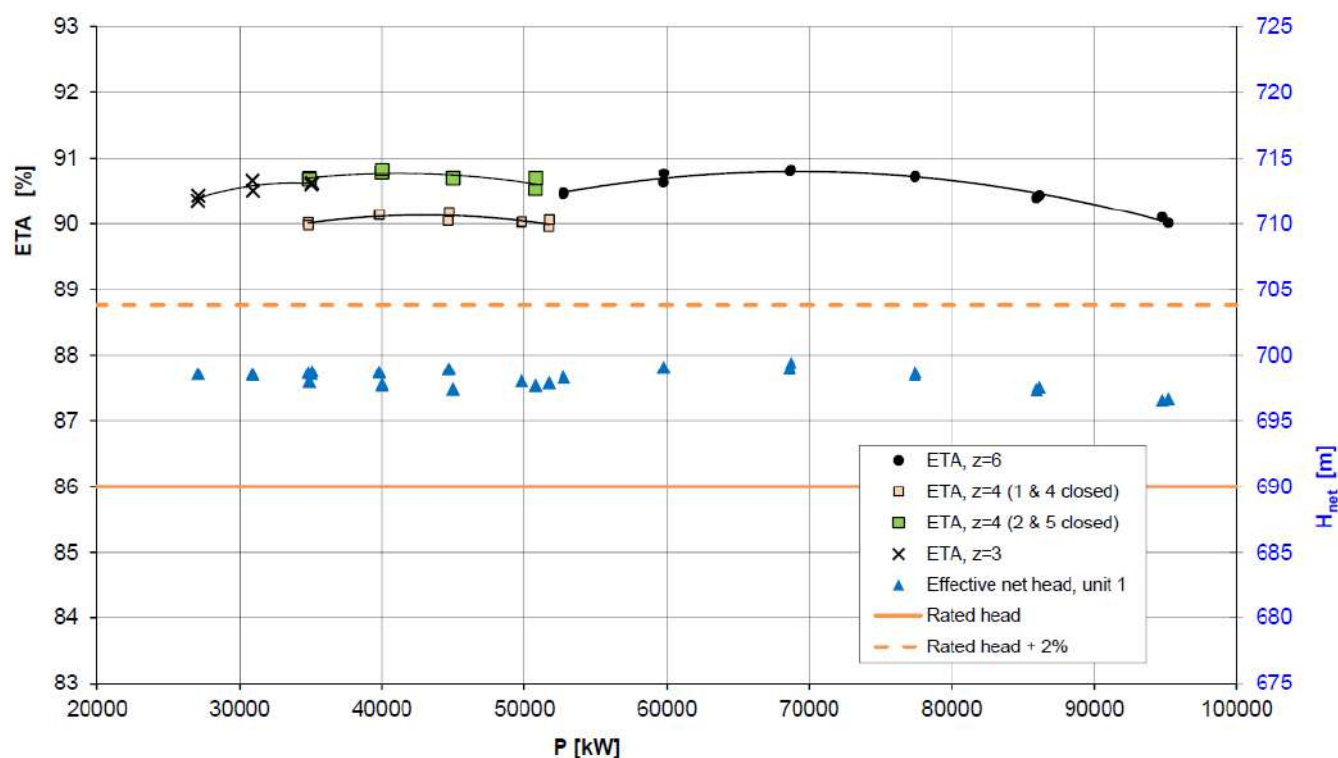


Figure 1: Results at effective net head

Figure 2 shows the results converted to the specified rated net head of 690 m. This allows a comparison between the measurement and the given guarantees. For informative purposes also the resulting discharge is included.

The measured efficiency meets guaranteed efficiency considering the contractual tolerance of 1%. The non-ideal condition of the runner and the rough surface inside the injectors (as described in chapter have a negative effect on losses and reduce.

Especially in six-jet operation it has to be kept in mind that injector 2 is in operation. This reduces the efficiency level of the whole six-jet operation curve.

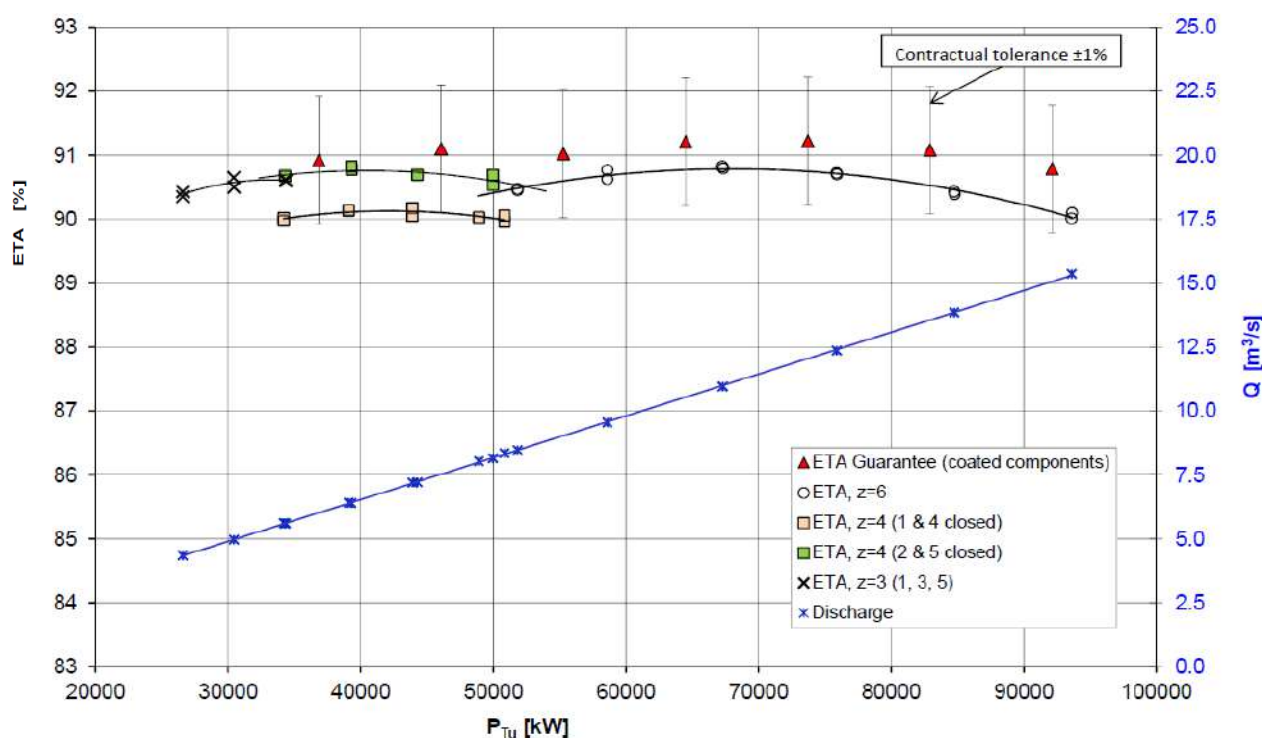


Figure 2: Results converted to rated head

The resulting weighted efficiency is 90.35% (enclosure 44). The guaranteed weighted efficiency is 90.92%. The maximum measured turbine power is 93633 kW at the rated head, guaranteed were 92159 kW.

The performance guarantees in terms of efficiency and power are fulfilled.

9 LIST OF ENCLOSURES

Appendix

A: Sample Evaluation, 8 pages

B: Analysis of Uncertainty, 6 pages

Enclosures

| Enclosure no. | |
|---------------|---|
| | Drawings |
| 1 | Dispositions of measuring instruments |
| 2 | Location of measuring sections |
| 3 | Sampling probe „Schedelberger“ |
| | |
| | Pictures |
| 4, 5 | Visual inspection of runner and nozzles |
| 6 to 8 | Installation of measuring instruments |
| | |
| | Physical properties of water |
| 9 | IEC-table EII: density of water |
| 10 | IEC-table EV: isothermal factor of water |
| 11 | IEC-table EVI: specific heat capacity of water |
| 12,13 | IEC-table E81: formulas for the thermodynamic properties |
| | |
| | Calibrations and certificates |
| 14 | Calibration of Druck pressure transducer p_{m20} |
| 15 | Calibration of the Baumer pressure transducer p_{m1} |
| 16 | Calibration of the Baumer pressure transducer p_{m11} |
| 17 to 21 | Certificate: Agilent 34970A Data Acquisition / Switch Unit |
| 22 to 24 | Certificate: Rotameter |
| | |
| | Set-up Scanner, checks of zero points, protocol, generator |
| 25 | Data acquisition set-up |
| 26 | Zero points of pressure sensors |
| 27 | Measuring protocol |
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| 44 | Table of comparison between guarantee and measurement |

SAMPLE EVALUATION

The evaluation is made in detail for the test N° 1, measuring point N° 1.

1. SPECIFIC MECHANICAL ENERGY

The specific mechanical energy is

$$E_m = a (p_{11} - p_{20}) + c_p (T_{11} - T_{20}) + (v_{11}^2 - v_{20}^2) / 2 + g (z_{11} - z_{20}) + dE_m$$

1.1 Measured values

The measured values are

| | | |
|------------|---|--------------------------|
| p_{m11} | = | 55.8864 bar |
| p_{m20} | = | 0.2762 bar |
| T_{11} | = | 4.8891 °C |
| $T_{20A'}$ | = | 4.7606 °C |
| $T_{20B'}$ | = | 4.7641 °C |
| $T_{20C'}$ | = | 4.7569 °C |
| q_{11} | = | 9.4 l/min |
| Q | = | 15.441 m ³ /s |

A correction has to be applied in function of the water temperature on the temperatures measured on the low pressure side to consider the zero points of the thermometers (modification):

| | | |
|------------|---|-----------|
| dT_{20A} | = | 0.0011 °C |
| dT_{20B} | = | 0.0015 °C |
| dT_{20C} | = | 0.0022 °C |

and thus we get

| | | | | |
|------------|---|-----------------------|---|-----------|
| T_{20A} | = | $T_{20A'} + dT_{20A}$ | = | 4.7617 °C |
| T_{20B} | = | $T_{20B'} + dT_{20B}$ | = | 4.7656 °C |
| T_{20C} | = | $T_{20C'} + dT_{20C}$ | = | 4.7592 °C |
| mean value | | | = | 4.7622 °C |

1.2 Pressure term: a ($p_{11} - p_{20}$)

Pressure in the measuring chamber of the sampling probe (section 11)

Pressure on the sensor is

$$p_{m11} = 55.8864 \text{ bar}$$

Between the sensor and the measuring cross-section 11 there is an elevation difference of

$$z_{m11} = 1332.60 \text{ m}$$

$$z_{11} = 1329.50 \text{ m}$$

$$z_{m11} - z_{11} = 3.100 \text{ m}$$

This difference has to be converted in bar, with

$$g = 9.79210 \text{ m/s}^2$$

$$\rho = 1001.32 \text{ kg/m}^3$$

$$\rho * g(z_{m11} - z_{11}) = 30395 \text{ Pa}$$

$$= 0.304 \text{ bar}$$

This results in the pressure p_{11}

$$p_{11} = p_{m11} + \rho * g(z_{m11} - z_{11}) = 56.190 \text{ bar}$$

Pressure in measuring section 20

In the case of a Pelton turbine we have an open tailrace, and thus

$$p_{20} = 0.000 \text{ bar}$$

Pressure term: a ($p_{11} - p_{20}$)

Evaluation of the isothermal factor a

| | | |
|------------------------|---------------------------|------------|
| Mean relative pressure | $(p_{11} + p_{20}) / 2 =$ | 28.095 bar |
|------------------------|---------------------------|------------|

| | | |
|------------------|-------------|------------|
| Ambient pressure | $p_{amb} =$ | 0.8634 bar |
|------------------|-------------|------------|

| | | |
|------------------------|-----------------------------------|------------|
| Mean absolute pressure | $[(p_{11} + p_{20}) / 2]_{abs} =$ | 28.959 bar |
|------------------------|-----------------------------------|------------|

| | | |
|------------------------|---------------------------|-----------|
| Mean water temperature | $(T_{11} + T_{20}) / 2 =$ | 4.8256 °C |
|------------------------|---------------------------|-----------|

| | | |
|-------------------|-------|--|
| Isothermal factor | $a =$ | $0.9926 * 10^{-3} \text{ m}^3/\text{kg}$ |
|-------------------|-------|--|

| | | |
|--------------------------|---------------------------|--------------|
| Specific pressure energy | $a * (p_{11} - p_{20}) =$ | 5577.71 J/kg |
|--------------------------|---------------------------|--------------|

1.3 Temperature term $c_p (T_{11} - T_{20})$

The specific heat capacity is evaluated with

$$[(p_{11} + p_{20}) / 2]_{\text{abs}} = 28.959 \text{ bar}$$

$$(T_{11} + T_{20}) / 2 = 4.8256 \text{ }^{\circ}\text{C}$$

Specific heat capacity $c_p = 4191.0 \text{ J/kg/}^{\circ}\text{C}$

Temperature term $c_p * (T_{11} - T_{20}) = 532.20 \text{ J/kg}$

1.4 Velocity term: $(v_{11}^2 - v_{20}^2) / 2$

We have

$$A_{11} = 0.000189 \text{ m}^2$$

$$q_{11} = 9.4 \text{ l/min}$$

$$v_{11} = q_{11} / (6000 * A_{11}) = 0.829 \text{ m/s}$$

Specific velocity at sampling probe $v_{11}^2 / 2 = 0.344 \text{ J/kg}$

The velocity within the holder pipes in section 20 is very small and it is considered as zero for the evaluation.

$$v_{20}^2 / 2 = 0.00 \text{ J/kg}$$

Velocity term $(v_{11}^2 - v_{20}^2) / 2 = 0.34 \text{ J/kg}$

1.5 Elevation term: $g * (z_{11} - z_{20})$

We have

$$p_{m20} = 0.2762 \text{ bar}$$

The pressure p_{m20} has to be converted into m:

$$h_{m20} = p_{m20} (\rho * g) = 2.817 \text{ m}$$

Thus we obtain with

$$z_{m20} = 1323.520 \text{ m}$$

$$z_{20} = h_{m20} + z_{m20} = 1326.337 \text{ m}$$

and with the elevation conforming to enclosure 1

$$z_{11} = 1329.50 \text{ m}$$

the elevation term $g * (z_{11} - z_{20}) = 30.97 \text{ J/kg}$

1.6 Corrective term: dE_m

Heat transfer $dE_{m,ht}$

Is negligible for ALFALFAL.

For the heat transfer, we have

$$\begin{aligned} A &= \quad \quad \quad \text{m}^2 \\ P_{a-w} &= \quad 10 \text{ W}/(\text{m}^2\text{K}) \\ T_{\text{air}} &= \quad \quad \quad ^\circ\text{C} \\ T_1 &= \quad \quad \quad ^\circ\text{C} \end{aligned}$$

$$dE_{m,ht} = 1/(\rho Q) * A * P_{a-w} * (T_{\text{air}} - T_1) \quad \quad \quad \mathbf{0.00 \text{ J/kg}}$$

Temperature gradient $dE_{m,grad}$

It is evaluated as

$$dE_{m,grad} = c_p * (dT/dt) * (t_a - t - t_b)$$

The water volume between the measuring sections 10 and 20 is:

Volume of distributor

$$V_1 = \quad 18.38 \text{ m}^3$$

Ground area of turbine pit and tail race channel

$$A = \quad 92.59 \text{ m}^2$$

Height of water level

$$z_{20}-z_k = \quad 2.84 \text{ m}$$

Volume in tail race area

$$V_2 = \quad 262.71 \text{ m}^3$$

Volume total

$$V_{\text{tot}} = \quad 281.09 \text{ m}^3$$

With

$$Q = \quad 15.44 \text{ m}^3/\text{s}$$

we obtain a transit time of the water between section 10 and 20 of

$$t = V / Q + 1 = \quad 19.20 \text{ s} \quad (\text{assumed 1s transit time runner to tail water})$$

The transit time of the water in the sampling probe on the high pressure side is estimated to $t_a = \quad 0.1 \text{ s}$

On the low pressure side the thermometers are immersed directly into the water, thus the transit time is $t_b = 0 \text{ s}$.

The measured temperature gradient was

$$dT/dt = \quad -0.0040 \text{ } ^\circ\text{C}/\text{min}$$

Thus we get

$$dE_{m,grad} = \quad \mathbf{5.34 \text{ J/kg}}$$

1.7 Specific mechanical energy E_m

Thus the specific mechanical energy is with

$$\begin{aligned}
 a * (p_{11} - p_{20}) &= 5577.71 \text{ J/kg} \\
 c_p * (T_{11} - T_{20}) &= 532.20 \text{ J/kg} \\
 (v_{11}^2 - v_{20}^2) / 2 &= 0.34 \text{ J/kg} \\
 g * (z_{11} - z_{20}) &= 30.97 \text{ J/kg} \\
 dE_{m,ht} &= 0.00 \text{ J/kg} \\
 dE_{m,grad} &= 5.34 \text{ J/kg} \\
 E_m &= 6146.56 \text{ J/kg}
 \end{aligned}$$

2. SPECIFIC HYDRAULIC ENERGY

The specific hydraulic energy is

$$E = p_1 / \rho + v_1^2 / 2 + g (z_1 - z_2)$$

2.1 Measured values

The measured values are

$$\begin{aligned}
 p_{m1} &= 53.964 \text{ bar} \\
 T_{11} &= 4.8891 \text{ }^\circ\text{C}
 \end{aligned}$$

2.2 Pressure term p_1 / ρ

Pressure in the measuring section 1 (spiral case inlet)

Pressure on the sensor

$$p_{m1} = 67.094 \text{ bar}$$

Between the sensor and the measuring cross-section 1 there is an elevation difference of

$$\begin{aligned}
 z_{m1} &= 1332.60 \text{ m} \\
 z_1 &= 1329.50 \text{ m} \qquad z_{m1} - z_1 = 3.100 \text{ m}
 \end{aligned}$$

This difference has to be converted in bar

$$\begin{aligned}
 g &= 9.79210 \text{ m/s}^2 \\
 \rho &= 1001.32 \text{ kg/m}^3 \qquad \rho * g (z_{m1} - z_1) = 30395 \text{ Pa} \\
 &= 0.304 \text{ bar}
 \end{aligned}$$

The resulting pressure in section 1 is then

$$p_1 = p_{m1} + \rho * g (z_{m1} - z_1) = 67.398 \text{ bar}$$

Water temperature

Now, the water temperature T_1 has to be evaluated. Measured is the temperature T_{11} of the water in the chamber of the sampling probe under the pressure p_{11} . The efficiency of the whole expanding system is in this case equal 0, thus we obtain with the formula for the specific mechanical energy

$$E_m = a (p_1 - p_{11}) + c_p (T_1 - T_{11}) + (v_1^2 - v_{11}^2) / 2 + g (z_1 - z_{11}) = 0$$

therefore, it is

$$T_1 = T_{11} - 1/c_p \cdot [a (p_1 - p_{11}) + g(z_1 - z_{11}) + v_1^2/2 - v_{11}^2/2]$$

Values of corresponding terms

$$v_1^2/2 = 93.20 \text{ J/kg}$$

$$v_{11}^2/2 = 0.34 \text{ J/kg}$$

$$g(z_1 - z_{11}) = 0.000 \text{ J/kg}$$

$$p_1 - p_{11} = 11.207 \text{ bar}$$

Determination of a and c_p , with

$$(p_1 + p_{11}) / 2 = 61.794 \text{ bar}$$

$$p = [(p_{11} + p_{20}) / 2]_{\text{abs}} = 62.657 \text{ bar}$$

$$T = T_{11} = 4.8891 \text{ }^\circ\text{C}$$

$$a = 0.9878 \cdot 10^{-3} \text{ m}^3/\text{kg}$$

$$c_p = 4177.2 \text{ J/kg/}^\circ\text{C}$$

From this we get

$$T_1 = T_{11} - 1/c_p \cdot [a (p_1 - p_{11}) + g(z_1 - z_{11}) + v_1^2/2 - v_{11}^2/2] = 4.60 \text{ }^\circ\text{C}$$

Pressure term p_1 / ρ

Determination of the density with

$$p_1 / 2 = 33.699 \text{ bar}$$

$$T_2 = T_{20} = 4.7622 \text{ }^\circ\text{C}$$

and thus

$$p = [(p_1 + p_2) / 2]_{\text{abs}} = 34.562 \text{ bar}$$

$$T = (T_1 + T_2) / 2 = 4.6820 \text{ }^\circ\text{C}$$

For this parameters, we have a density of

$$\rho = 1001.59 \text{ kg/m}^3$$

Thus for the pressure term we get

$$p_1 / \rho = 6729.03 \text{ J/kg}$$

2.3 Velocity term $(v_1^2 - v_2^2) / 2$

Discharge and section areas are

$$A_1 = 1.1310 \text{ m}^3/\text{s}$$

$$Q = 15.441 \text{ m}^3/\text{s}$$

this results in

$$v_1 = Q / A_1 = 13.65 \text{ m/s}$$

$$v_1^2 / 2 = 93.20 \text{ J/kg}$$

2.4 Elevation term $g * (z_1 - z_2)$

Calculation of the elevation term with the elevations from enclosure 1

$$z_1 = 1329.50 \text{ m}$$

$$z_2 = 1329.50 \text{ m}$$

$$g * (z_1 - z_2) = 0.00 \text{ J/kg}$$

2.5 Specific hydraulic energy E

The specific hydraulic energy with the terms above is then

$$p_1 / \rho = 6729.03 \text{ J/kg}$$

$$v_1^2 / 2 = 93.20 \text{ J/kg}$$

$$g * (z_1 - z_2) = 0.00 \text{ J/kg}$$

$$E = 6822.23 \text{ J/kg}$$

3. HEAD

The head is

$$H = E / g = 696.71 \text{ m}$$

4. HYDRAULIC EFFICIENCY

The hydraulic efficiency is

$$\eta_h = E_m / E = 90.10 \%$$

5. POWER

Generator power

The generator power was

$$P_G = 93.797 \text{ MW}$$

Turbine power

We have a generator efficiency for the above mentioned generator power of

$$\eta_G = 98.766 \%$$

Thus, we obtain

$$P_{Tu} = P_G / \eta_G = 94.970 \text{ MW}$$

Mechanical power of the runner

The mechanical power of the runner, under consideration of the mechanical losses of the turbine, is

$$\begin{aligned} P_{L,m} &= 0.090 \text{ MW} \\ P_m &= P_{Tu} + P_{L,m} = 95.060 \text{ MW} \end{aligned}$$

6. TURBINE EFFICIENCY

The thermodynamic turbine efficiency is

$$\eta_{Tu} = \eta_h * (P_{Tu} / P_m) = 90.01 \%$$

7. DISCHARGE

The discharge of the thermodynamic measurement is

$$Q = P_{Tu} / (\rho * g * H * \eta_{Tu}) = 15.441 \text{ m}^3/\text{s}$$

After this discharge value is obtained, the whole evaluation for E and E_m have to be repeated (iteration) if this discharge value differs greatly from the initially assumed value.

8. CONVERSION TO SPECIFIED SPEED

We have

$$\begin{aligned} n_{sp} &= 500.00 \text{ rpm} & f_{sp} &= 50 \text{ Hz} \\ n &= 499.61 \text{ rpm} & f &= 49.9611 \text{ Hz} \end{aligned}$$

for the specified speed, we have

$$\begin{aligned} H_{sp'} &= H * (n_{sp} / n)^2 = 697.79 \text{ m} \\ Q_{sp'} &= Q * (n_{sp} / n)^1 = 15.453 \text{ m}^3/\text{s} \\ P_{sp'} &= P * (n_{sp} / n)^3 = 95.192 \text{ MW} \end{aligned}$$

9. CONVERSION TO SPECIFIED HEAD

The contractually stated net head is

$$H_{sp} = 690.00 \text{ m}$$

We obtain these converted values for discharge and power

$$\begin{aligned} Q_{sp} &= Q_{sp'} * (H_{sp} / H_{sp'})^{0.5} = 15.366 \text{ m}^3/\text{s} \\ P_{sp} &= P_{sp'} * (H_{sp} / H_{sp'})^{1.5} = 93.602 \text{ MW} \end{aligned}$$

ANALYSIS OF MEASURING UNCERTAINTIES

The analysis is made in detail for the test N° 1, measuring point N° 1. Each measuring point was determined from n readings. The mean random uncertainty is then $k \cdot s_y$.

Number of readings $n = 31$ See IEC 60041, appendix C, $k = 0.367$

1. SPECIFIC HYDRAULIC ENERGY (HEAD)

Systematic uncertainty

| | | |
|--|-----------------|--------|
| Survey of manometer elevation z_{m1} | $e_{zm1} = \pm$ | 0.01 m |
| Uncertainty of pressure transducer | $f_{pm1} = \pm$ | 0.1 % |

Thus the systematic uncertainty is with

$$g = 9.7921 \text{ m/s}^2$$

$$\rho = 1001.6 \text{ kg/m}^3$$

$$p_{\max} = 10000000 \text{ N/m}^2$$

$$e_p = f_p \cdot p_{\max} = \pm 10000 \text{ N/m}^2$$

$$e_{Ep} = e_p / \rho = \pm 9.98 \text{ J/kg}$$

$$e_{Es} = \pm [(g \cdot e_{zm1})^2 + e_{Ep}^2]^{0.5} = \pm 9.985 \text{ J/kg}$$

Reading uncertainty

The standard deviation of the reading is

| | | |
|---------|-----------------|--------------------------|
| | $s_{pm1} = \pm$ | 0.0045 bar |
| density | $\rho =$ | 1001.6 kg/m ³ |

Thus the reading error is

$$s_{Er} = \pm k \cdot s_{pm1} \cdot 10^5 / \rho = \pm 0.164 \text{ J/kg}$$

Uncertainty in velocity energy

It is

$$e_{Ev1} = \pm 2 \cdot f_Q \cdot (v_1^2/2)$$

We have

$$v_1^2/2 = 93.20 \text{ J/kg}$$

With an uncertainty of 1.5 % on discharge we get

$$e_{Ev1} = \pm 2.796 \text{ J/kg}$$

Uncertainty in elevation energy

We consider $e_{z1} = \pm 0.01 \text{ m}$

then, we have $e_{Ez} = g \cdot e_{z1} = \pm 0.098 \text{ J/kg}$

Total uncertainty in specific hydraulic energy (head)

Thus we get

$$e_E = \pm (e_{Es}^2 + e_{Er}^2 + e_{Ev}^2 + e_{Ez}^2)^{0.5} = \pm 10.370 \text{ J/kg}$$

or referred to the specific hydraulic energy of

$$E = 6822.2 \text{ J/kg}$$

$$f_E = f_H = \pm 0.152 \%$$

2. SPECIFIC MECHANICAL ENERGY (RUNNER)

The formula for evaluation of the specific mechanical energy is

$$E_m = a (p_{11} - p_{21}) + c_p (T_{11} - T_{21}) + (v_{11}^2 - v_{21}^2)/2 + g (z_{11} - z_{21}) + dE_m$$

For the following calculations the above formula is written as:

$$E_m = E_p + E_T + E_v + E_z + dE_m$$

If, in a general way, e_x is the absolute total (systematic and reading (standard deviation)) uncertainty in the quantity x (thus the relative total uncertainty is $f_x = e_x / x$), then the relative total uncertainty in specific mechanical energy is given by:

$$f_{Em} = \pm e_{Em} / E_m = \pm (e_p^2 + e_T^2 + e_v^2 + e_z^2 + e_{dEm}^2)^{0.5} / E_m$$

Pressure term

It is

$$e_{Ep}^2 = e_{Ems}^2 + (a \cdot s_{p11})^2 + (a \cdot s_{p20})^2 + [(p_{11} - p_{20}) \cdot e_a]^2$$

with

| | | | |
|-----------------|------------------------|----------|-------------|
| $e_{Es} = \pm$ | 9.985 | J/kg | (see above) |
| $a =$ | $0.9926 \cdot 10^{-3}$ | m^3/kg | |
| $p_{11} =$ | 56.190 | bar | |
| $p_{20} =$ | 0.000 | bar | |
| $s_{p11} = \pm$ | 0.3742 | bar | |
| $s_{p20} = \pm$ | 0.0029 | bar | |

| | | | | |
|-----|---------------------|-----------------------|----------|---------------------|
| and | $f_{a,table} = \pm$ | 0.2 | % | (conforming to IEC) |
| | $e_a = \pm$ | $0.199 \cdot 10^{-5}$ | m^3/kg | |

| | | | |
|--------|-------------------------------|---------|-------------|
| we get | $a \cdot k \cdot s_{p11}$ | $= \pm$ | 13.631 J/kg |
| | $a \cdot k \cdot s_{p20}$ | $= \pm$ | 0.105 J/kg |
| | $(p_{11} - p_{20}) \cdot e_a$ | $= \pm$ | 11.155 J/kg |

and thus

$$e_{Ep} = \pm [e_{Es}^2 + (a \cdot s_{p11})^2 + (a \cdot s_{p20})^2 + ((p_{11} - p_{20}) \cdot e_a)^2]^{0.5} = \pm \quad \mathbf{20.247 \text{ J/kg}}$$

Temperature term

$$e_{ET}^2 = (c_p \cdot s_{T11})^2 + (c_p \cdot s_{T20})^2 + (c_p \cdot e_{dT=0})^2 + [(T_{11} - T_{20}) \cdot e_{cp}]^2 + e_{E10}^2 + e_{E20}^2$$

We have

| | |
|-----------------|----------------|
| $c_p =$ | 4191.0 J/kg/°C |
| $T_{11} =$ | 4.8891 °C |
| $T_{20} =$ | 4.7622 °C |
| $s_{T11} = \pm$ | 0.00759 °C |
| $s_{T20} = \pm$ | 0.00239 °C |

s_{T20} being the mean value of s_{T20A} , s_{T20B} and s_{T20C}

and

| | | |
|----------------------|-------|---------------------|
| $f_{cp,table} = \pm$ | 0.5 % | (conforming to IEC) |
|----------------------|-------|---------------------|

| | | |
|------|----------------|----------------|
| thus | $e_{cp} = \pm$ | 20.955 J/kg/°C |
|------|----------------|----------------|

Uncertainty in the determination of the zero of the thermometers

$$e_{dT=0} = T_{11} - T_{20} = \pm \quad 0.001 \text{ °C}$$

The uncertainties due to non perfect explorations are assumed conforming to IEC to 0.2 % of E_m for the high pressure side and to 0.5 % for the low pressure side. Thus we get with

$$\begin{aligned} E_m &= 6146.6 \text{ J/kg} \\ e_{E10} &= 0.002 * E_m = \pm 12.293 \text{ J/kg} \\ e_{E20} &= 0.005 * E_m = \pm 30.733 \text{ J/kg} \end{aligned}$$

Thus we obtain with

$$\begin{aligned} a: & c_p \cdot k \cdot s_{T11} = \pm 11.674 \text{ J/kg} \\ b: & c_p \cdot k \cdot s_{T20} = \pm 3.680 \text{ J/kg} \\ c: & c_p \cdot e_{dT=0} = \pm 4.191 \text{ J/kg} \\ d: & (T_{11} - T_{20}) * e_{cp} = \pm 2.661 \text{ J/kg} \\ e: & e_{E10} = \pm 12.293 \text{ J/kg} \\ f: & e_{E20} = \pm 30.733 \text{ J/kg} \\ e_{ET} &= \pm (a^2 + b^2 + c^2 + d^2 + e^2 + f^2)^{0.5} = \pm 35.638 \text{ J/kg} \end{aligned}$$

Velocity term

It is

$$e_{Ev}^2 = (v_{11} \cdot e_{v11})^2 + (v_{21} \cdot e_{v21})^2 = (v_{11}^2 \cdot f_{fv11})^2 + (v_{21}^2 \cdot f_{fv21})^2$$

We have

$$\begin{aligned} v_{11}^2 / 2 &= 0.35 \text{ J/kg} \\ v_{20}^2 / 2 &= 0.00 \text{ J/kg} \end{aligned}$$

and we assume

$$\begin{aligned} f_{v11} &= \pm 5.0 \% \\ f_{v20} &= \pm 1.5 \% \end{aligned}$$

Thus we obtain

$$\begin{aligned} e_{v11} &= \pm (v_{11}^2 / 2) \cdot 2 \cdot f_{v11} = \pm 0.035 \text{ J/kg} \\ e_{v20} &= \pm (v_{20}^2 / 2) \cdot 2 \cdot f_{v20} = \pm 0.000 \text{ J/kg} \\ e_{Ev} &= \pm (e_{v11}^2 + e_{v20}^2)^{0.5} = \pm 0.035 \text{ J/kg} \end{aligned}$$

Elevation term

It is

$$e_{Ez}^2 = (g * e_{z11})^2 + (g * e_{z20})^2$$

We assume

$$e_{z11} = \pm 0.01 \text{ m}$$

$$e_{z20} = \pm 0.02 \text{ m}$$

Thus we get

$$e_{z11} = \pm g * e_{z11} = \pm 0.098 \text{ J/kg}$$

$$e_{z20} = \pm g * e_{z20} = \pm 0.196 \text{ J/kg}$$

$$e_{Ez} = \pm (e_{z11}^2 + e_{z20}^2)^{0.5} = \pm 0.219 \text{ J/kg}$$

Correction terms

Heat transfer

In principle we had no heat transfer. But in spite of this we assume a possible uncertainty due to a heat transfer between sampling device and surrounding and between turbine and surrounding of

$$0.1 \% \text{ of } E_m, \text{ thus } e_{dEm,ht} = \pm 6.147 \text{ J/kg}$$

Temperature gradient

The evaluated mechanical energy due to the temperature gradient was

$$dE_{m,grad} = 5.34 \text{ J/kg}$$

We assume a measuring uncertainty in this energy of

$$20 \% \text{ thus } e_{dEm,grad} = \pm 1.068 \text{ J/kg}$$

Uncertainties due to the correction terms

Thus we get

$$e_{dEm} = \pm (e_{dEm,ht}^2 + e_{dEm,grad}^2)^{0.5} = \pm 6.239 \text{ J/kg}$$

Total uncertainty in specific mechanical energy (runner)

Thus we get

$$e_{Em} = \pm (e_p^2 + e_T^2 + e_v^2 + e_z^2 + e_{dEm}^2)^{0.5} = \pm \quad \mathbf{41.461 \text{ J/kg}}$$

Or, referred to

$$E_m = 6146.56 \text{ J/kg} \quad f_{Em} = \pm \quad \mathbf{0.675 \%}$$

3. UNCERTAINTY IN EFFICIENCY

It is

$$f_{\eta} = \pm (f_E^2 + f_{Em}^2)^{0.5}$$

and thus

$$f_{\eta} = \pm (f_{Er}^2 + f_{Ev}^2 + f_{Em}^2)^{0.5} = \pm \quad \mathbf{0.691 \%}$$

4. UNCERTAINTY IN POWER

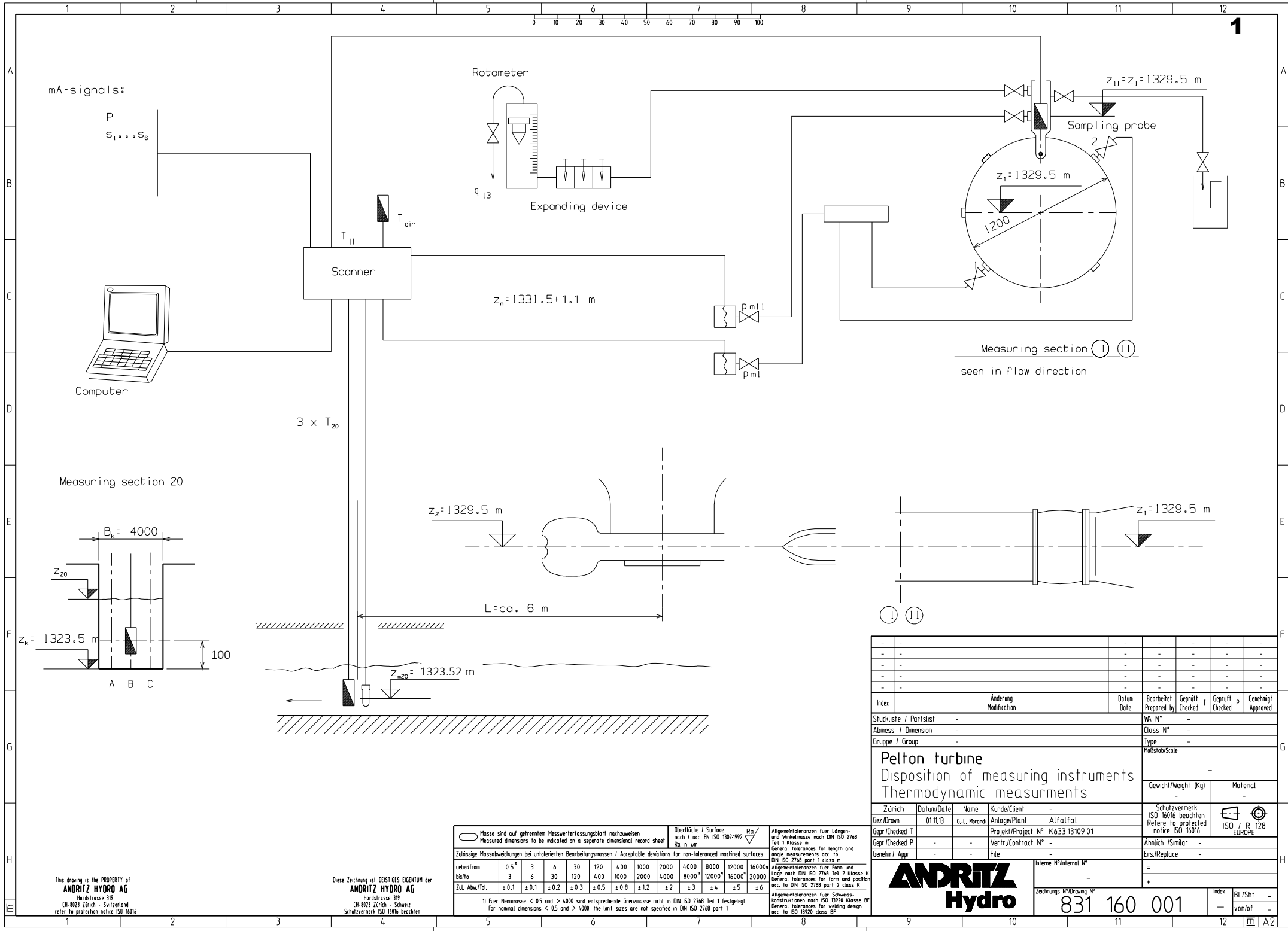
The uncertainty in power is estimated to

$$f_P = \pm \quad \mathbf{0.7 \%}$$

5. UNCERTAINTY IN DISCHARGE

The uncertainty in discharge is evaluated as

$$f_Q = \pm (f_{\eta}^2 + f_H^2 + f_P^2)^{0.5} = \pm \quad \mathbf{1.00 \%}$$



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refer to protection notice ISO 16016

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ANDRITZ HYDRO AG
Hardstrasse 319
CH-8023 Zürich - Schweiz
Schulzwerk ISO 16016 beachten

| Masse sind auf getrenntem Messwerterfassungsblatt nachzuweisen
Measured dimensions to be indicated on a separate dimensional record sheet | | | | | | | | | | | |
|--|------------------|------|------|------|------|------|------|------|------|-------|-------|
| Zulässige Massabweichungen bei untolerierten Bearbeitungsmassen / Acceptable deviations for non-toleranced machined surfaces | | | | | | | | | | | |
| über/from | 0.5 ¹ | 3 | 6 | 30 | 120 | 400 | 1000 | 2000 | 4000 | 8000 | 12000 |
| bis/to | 3 | 6 | 30 | 120 | 400 | 1000 | 2000 | 4000 | 8000 | 12000 | 16000 |
| Zul. Abw./tol. | ±0.1 | ±0.1 | ±0.2 | ±0.3 | ±0.5 | ±0.8 | ±1.2 | ±2 | ±3 | ±4 | ±5 |

¹ für Nennmasse < 0.5 und > 4000 sind entsprechende Grenzwerte nicht in DIN ISO 2768 Teil 1 festgelegt.
for nominal dimensions < 0.5 and > 4000, the limit sizes are not specified in DIN ISO 2768 part 1.

Überfläche / Surface
nach / acc. EN ISO 1302:1992
Ra in µm

Ro

Alle Toleranzen für Längen- und Winkelmasse nach DIN ISO 2768 Teil 1 Klasse m
General tolerances for length and angle measurements acc. to DIN ISO 2768 part 1 class m

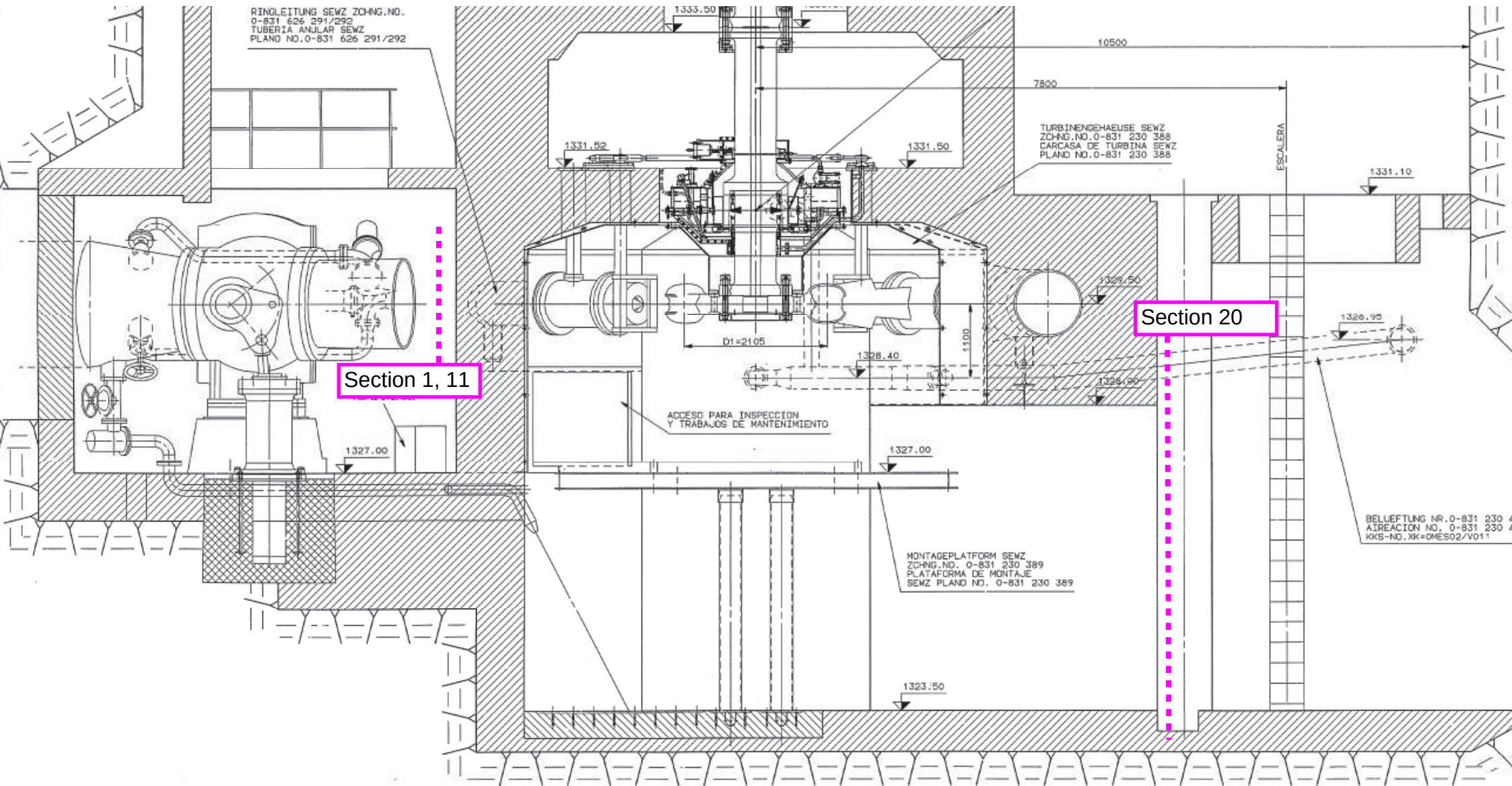
Alle Toleranzen für Form- und Lage nach DIN ISO 2768 Teil 2 Klasse K
General tolerances for form and position acc. to DIN ISO 2768 part 2 class K

Alle Toleranzen für Oberflächenrauheiten nach ISO 1925 Klasse BF
General tolerances for surface texture acc. to ISO 1925 class BF

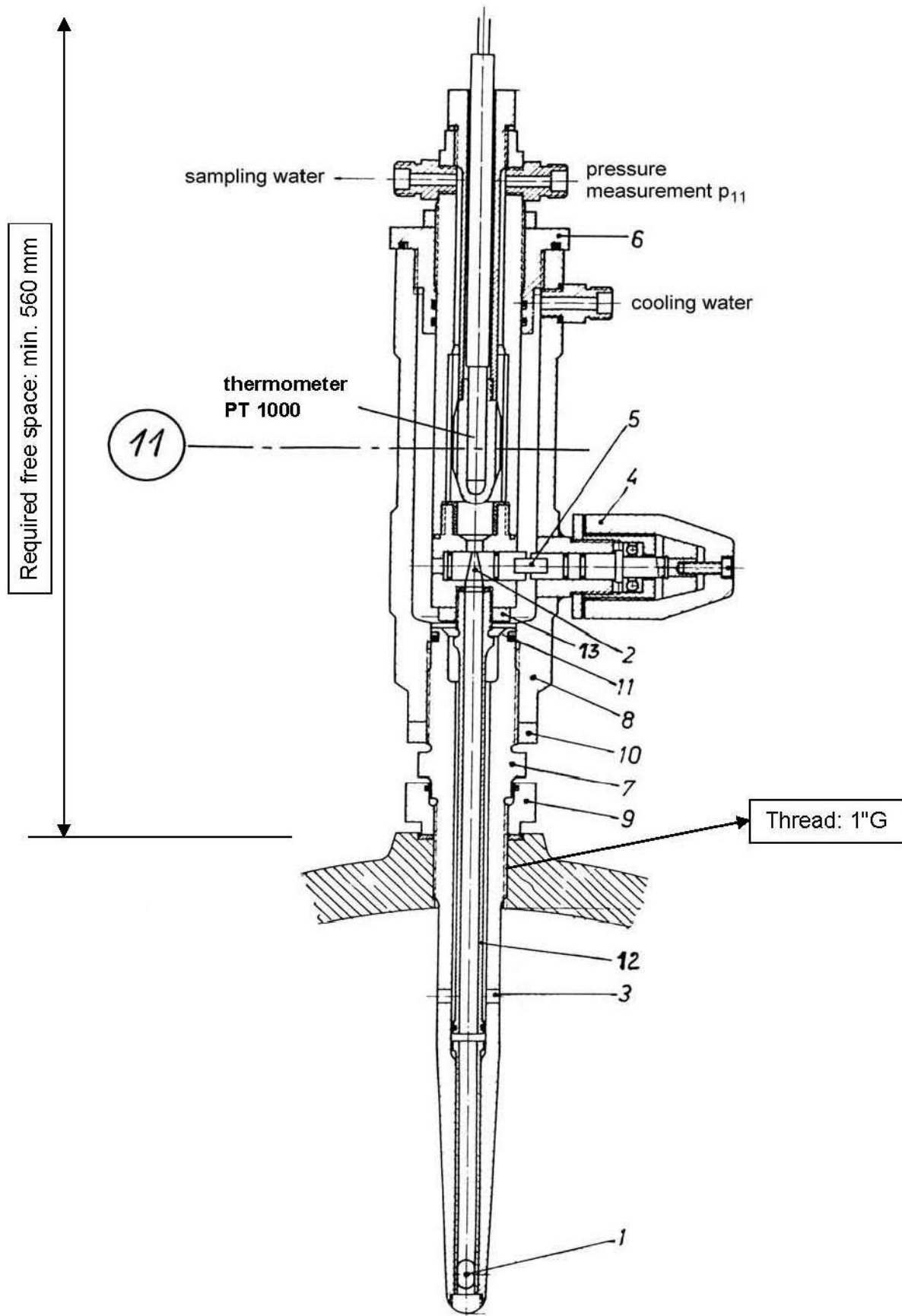
ANDRITZ
Hydro

831 160 001

Index
Bl./Sh. -
von/of -



Sampling Probe



Sampling probe with adjustable expanding device

Inspection of turbine**Buckets**

- Peeled off coating at mainly at cutting edge tip and rear part of cutting edge



- Signs of stone impact at cutting edge tip and abrasion on cut out edge

**Needle and tip ring**

- Surface of needle smooth
- Nozzle tip ring: Surface smooth, no perceptible burr

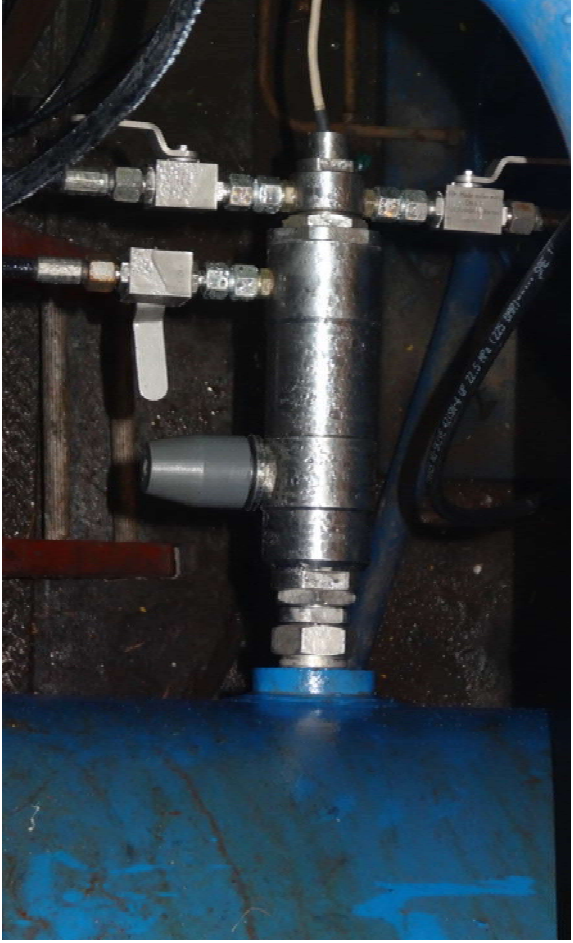
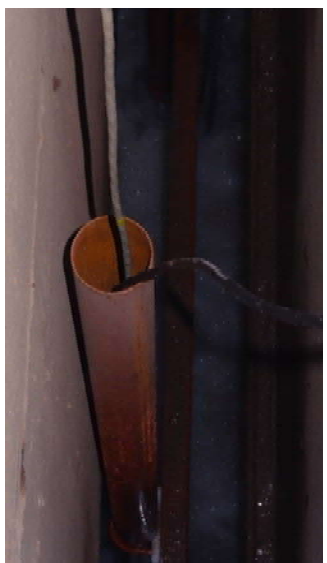


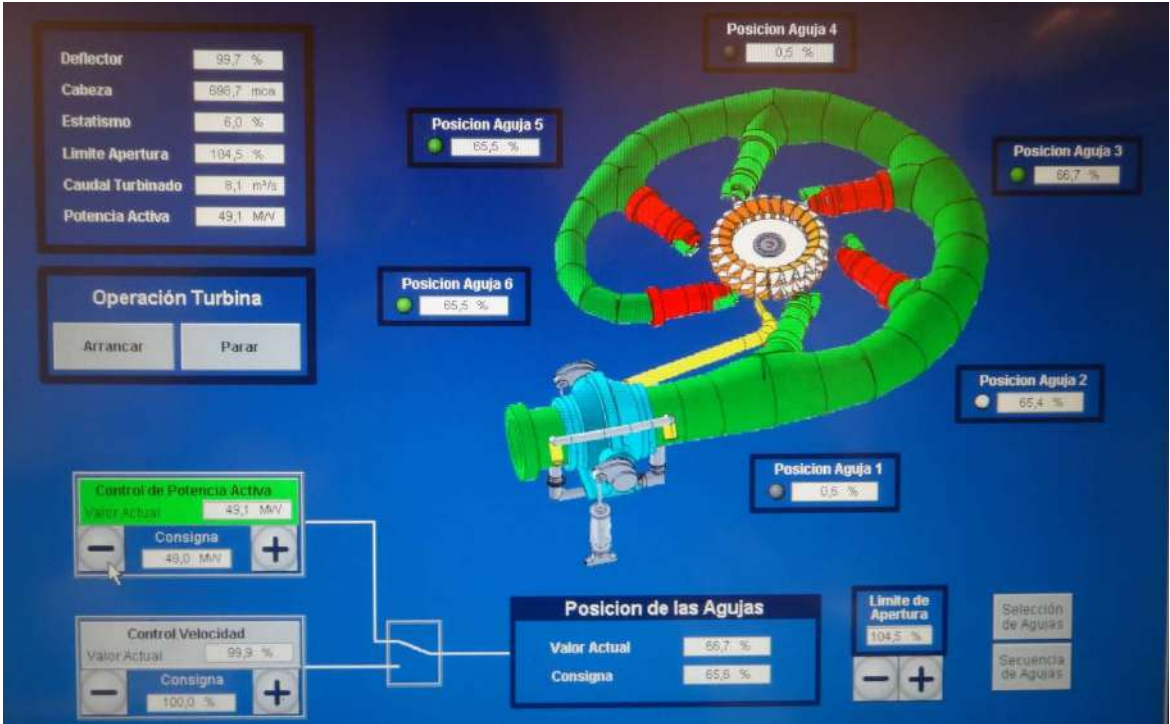
Injector

- Peeled of anti-corrosion paint and corroded, rough surface



Measuring equipment and installation

| | |
|--|--|
| <p data-bbox="183 347 478 380">Installed sampling probe</p>  | <p data-bbox="813 347 1228 380">Rotameter for measurement of q_{11}</p>  |
| <p data-bbox="183 1411 813 1444">Measuring frame in section 20 with routing of cables</p> <div data-bbox="199 1444 1396 2004"></div> | |

| | |
|--|---|
| Static pressure measurement connection | Pressure sensor p_{m1} and p_{m11} |
|  |  |
| Zero check of temperature sensors | Measuring table with PC and data acquisition |
|  |  |
| Control screen with information of active power | |
|  | |

Connection of power and injector signals



E2. Density of water

TABLE EII
Density of water $\rho(\text{kg}\cdot\text{m}^{-3})$

(Intermediate values may be derived by linear interpolation)

For the calculation of these values, the formula according to Herbst and Rögner (see E8) was used.

| Temperature ϑ
(°C) | Absolute pressure (10 ⁵ Pa) | | | | | | | |
|---------------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| | 1 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| 0 | 999,8 | 1000,3 | 1000,8 | 1001,3 | 1001,8 | 1002,3 | 1002,8 | 1003,3 |
| 1 | 999,9 | 1000,4 | 1000,9 | 1001,4 | 1001,9 | 1002,4 | 1002,9 | 1003,4 |
| 2 | 1000,0 | 1000,4 | 1000,9 | 1001,4 | 1001,9 | 1002,4 | 1002,9 | 1003,4 |
| 3 | 1000,0 | 1000,4 | 1000,9 | 1001,4 | 1001,9 | 1002,4 | 1002,9 | 1003,4 |
| 4 | 1000,0 | 1000,4 | 1000,9 | 1001,4 | 1001,9 | 1002,4 | 1002,9 | 1003,4 |
| 5 | 999,9 | 1000,4 | 1000,9 | 1001,4 | 1001,9 | 1002,4 | 1002,8 | 1003,3 |
| 6 | 999,9 | 1000,4 | 1000,9 | 1001,4 | 1001,8 | 1002,3 | 1002,8 | 1003,3 |
| 7 | 999,9 | 1000,3 | 1000,8 | 1001,3 | 1001,8 | 1002,3 | 1002,7 | 1003,2 |
| 8 | 999,9 | 1000,3 | 1000,8 | 1001,2 | 1001,7 | 1002,2 | 1002,7 | 1003,2 |
| 9 | 999,8 | 1000,2 | 1000,7 | 1001,2 | 1001,6 | 1002,1 | 1002,6 | 1003,1 |
| 10 | 999,7 | 1000,1 | 1000,6 | 1001,1 | 1001,6 | 1002,0 | 1002,5 | 1003,0 |
| 11 | 999,6 | 1000,0 | 1000,5 | 1001,0 | 1001,4 | 1001,9 | 1002,4 | 1002,9 |
| 12 | 999,5 | 999,9 | 1000,4 | 1000,9 | 1001,3 | 1001,8 | 1002,3 | 1002,7 |
| 13 | 999,4 | 999,8 | 1000,3 | 1000,7 | 1001,2 | 1001,7 | 1002,1 | 1002,6 |
| 14 | 999,2 | 999,7 | 1000,1 | 1000,6 | 1001,1 | 1001,5 | 1002,0 | 1002,4 |
| 15 | 999,1 | 999,5 | 1000,0 | 1000,4 | 1000,9 | 1001,4 | 1001,8 | 1002,3 |
| 16 | 998,9 | 999,4 | 999,8 | 1000,3 | 1000,7 | 1001,2 | 1001,7 | 1002,1 |
| 17 | 998,8 | 999,2 | 999,6 | 1000,1 | 1000,6 | 1001,0 | 1001,5 | 1001,9 |
| 18 | 998,6 | 999,0 | 999,5 | 999,9 | 1000,4 | 1000,8 | 1001,3 | 1001,7 |
| 19 | 998,4 | 998,8 | 999,3 | 999,7 | 1000,2 | 1000,6 | 1001,1 | 1001,5 |
| 20 | 998,2 | 998,6 | 999,1 | 999,5 | 1000,0 | 1000,4 | 1000,9 | 1001,3 |
| 21 | 998,0 | 998,4 | 998,9 | 999,3 | 999,8 | 1000,2 | 1000,7 | 1001,1 |
| 22 | 997,8 | 998,2 | 998,6 | 999,1 | 999,5 | 1000,0 | 1000,4 | 1000,9 |
| 23 | 997,5 | 997,9 | 998,4 | 998,8 | 999,3 | 999,7 | 1000,2 | 1000,6 |
| 24 | 997,3 | 997,7 | 998,1 | 998,6 | 999,0 | 999,5 | 999,9 | 1000,4 |
| 25 | 997,0 | 997,4 | 997,9 | 998,3 | 998,8 | 999,2 | 999,7 | 1000,1 |
| 26 | 996,8 | 997,2 | 997,6 | 998,1 | 998,5 | 999,0 | 999,4 | 999,9 |
| 27 | 996,5 | 996,9 | 997,4 | 997,8 | 998,3 | 998,7 | 999,1 | 999,6 |
| 28 | 996,2 | 996,6 | 997,1 | 997,5 | 998,0 | 998,4 | 998,9 | 999,3 |
| 29 | 995,9 | 996,3 | 996,8 | 997,2 | 997,7 | 998,1 | 998,6 | 999,0 |
| 30 | 995,7 | 996,1 | 996,5 | 996,9 | 997,4 | 997,8 | 998,3 | 998,7 |
| 31 | 995,3 | 995,7 | 996,2 | 996,6 | 997,1 | 997,5 | 997,9 | 998,4 |
| 32 | 995,0 | 995,4 | 995,9 | 996,3 | 996,8 | 997,2 | 997,6 | 998,1 |
| 33 | 994,7 | 995,1 | 995,5 | 996,0 | 996,4 | 996,9 | 997,3 | 997,7 |
| 34 | 994,4 | 994,8 | 995,2 | 995,7 | 996,1 | 996,5 | 997,0 | 997,4 |
| 35 | 994,0 | 994,4 | 994,9 | 995,3 | 995,8 | 996,2 | 996,6 | 997,1 |
| 36 | 993,7 | 994,1 | 994,5 | 995,0 | 995,4 | 995,8 | 996,3 | 996,7 |
| 37 | 993,3 | 993,7 | 994,2 | 994,6 | 995,0 | 995,5 | 995,9 | 996,3 |
| 38 | 993,0 | 993,4 | 993,8 | 994,2 | 994,7 | 995,1 | 995,5 | 996,0 |
| 39 | 992,6 | 993,0 | 993,4 | 993,9 | 994,3 | 994,7 | 995,2 | 995,6 |
| 40 | 992,2 | 992,6 | 993,1 | 993,5 | 993,9 | 994,4 | 994,8 | 995,2 |

E5. Isothermal factor of water

TABLE EV

Isothermal factor of water $\alpha(10^{-3} \text{ m}^3 \cdot \text{kg}^{-1})$

(Intermediate values may be derived by linear interpolation)

For the calculation of these values, the formula according to Herbst and Rögner (see E8) was used.

| Temperature ϑ
(°C) | Absolute pressure (10^5 Pa) | | | | | | | |
|---------------------------------|---|--------|--------|--------|--------|--------|--------|--------|
| | 1 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| 0 | 1,0184 | 1,0169 | 1,0153 | 1,0137 | 1,0121 | 1,0105 | 1,0089 | 1,0074 |
| 1 | 1,0137 | 1,0123 | 1,0107 | 1,0092 | 1,0076 | 1,0061 | 1,0046 | 1,0030 |
| 2 | 1,0091 | 1,0077 | 1,0062 | 1,0047 | 1,0032 | 1,0017 | 1,0003 | 0,9988 |
| 3 | 1,0046 | 1,0033 | 1,0018 | 1,0003 | 0,9989 | 0,9975 | 0,9960 | 0,9946 |
| 4 | 1,0002 | 0,9989 | 0,9975 | 0,9961 | 0,9947 | 0,9933 | 0,9919 | 0,9905 |
| 5 | 0,9958 | 0,9946 | 0,9932 | 0,9918 | 0,9905 | 0,9891 | 0,9878 | 0,9865 |
| 6 | 0,9915 | 0,9903 | 0,9890 | 0,9877 | 0,9864 | 0,9851 | 0,9838 | 0,9825 |
| 7 | 0,9874 | 0,9862 | 0,9849 | 0,9837 | 0,9824 | 0,9811 | 0,9799 | 0,9786 |
| 8 | 0,9833 | 0,9821 | 0,9809 | 0,9797 | 0,9785 | 0,9772 | 0,9760 | 0,9748 |
| 9 | 0,9792 | 0,9782 | 0,9770 | 0,9758 | 0,9746 | 0,9734 | 0,9723 | 0,9711 |
| 10 | 0,9753 | 0,9743 | 0,9731 | 0,9720 | 0,9708 | 0,9697 | 0,9686 | 0,9674 |
| 11 | 0,9715 | 0,9705 | 0,9694 | 0,9683 | 0,9671 | 0,9660 | 0,9650 | 0,9639 |
| 12 | 0,9677 | 0,9668 | 0,9657 | 0,9646 | 0,9635 | 0,9625 | 0,9614 | 0,9604 |
| 13 | 0,9641 | 0,9631 | 0,9621 | 0,9610 | 0,9600 | 0,9590 | 0,9580 | 0,9569 |
| 14 | 0,9605 | 0,9596 | 0,9586 | 0,9576 | 0,9566 | 0,9556 | 0,9546 | 0,9536 |
| 15 | 0,9570 | 0,9561 | 0,9552 | 0,9542 | 0,9532 | 0,9522 | 0,9513 | 0,9503 |
| 16 | 0,9536 | 0,9528 | 0,9518 | 0,9509 | 0,9499 | 0,9490 | 0,9481 | 0,9471 |
| 17 | 0,9503 | 0,9495 | 0,9486 | 0,9477 | 0,9467 | 0,9458 | 0,9449 | 0,9440 |
| 18 | 0,9471 | 0,9463 | 0,9454 | 0,9445 | 0,9436 | 0,9428 | 0,9419 | 0,9410 |
| 19 | 0,9440 | 0,9432 | 0,9424 | 0,9415 | 0,9406 | 0,9398 | 0,9389 | 0,9380 |
| 20 | 0,9410 | 0,9402 | 0,9394 | 0,9385 | 0,9377 | 0,9368 | 0,9360 | 0,9352 |
| 21 | 0,9380 | 0,9373 | 0,9365 | 0,9356 | 0,9348 | 0,9340 | 0,9332 | 0,9324 |
| 22 | 0,9351 | 0,9344 | 0,9336 | 0,9328 | 0,9320 | 0,9312 | 0,9304 | 0,9296 |
| 23 | 0,9322 | 0,9315 | 0,9307 | 0,9299 | 0,9291 | 0,9283 | 0,9276 | 0,9268 |
| 24 | 0,9293 | 0,9286 | 0,9278 | 0,9271 | 0,9263 | 0,9255 | 0,9248 | 0,9240 |
| 25 | 0,9264 | 0,9257 | 0,9250 | 0,9242 | 0,9235 | 0,9228 | 0,9220 | 0,9213 |
| 26 | 0,9235 | 0,9229 | 0,9222 | 0,9215 | 0,9207 | 0,9200 | 0,9193 | 0,9186 |
| 27 | 0,9207 | 0,9201 | 0,9194 | 0,9187 | 0,9180 | 0,9173 | 0,9166 | 0,9159 |
| 28 | 0,9179 | 0,9173 | 0,9166 | 0,9159 | 0,9152 | 0,9146 | 0,9139 | 0,9132 |
| 29 | 0,9151 | 0,9145 | 0,9139 | 0,9132 | 0,9125 | 0,9119 | 0,9112 | 0,9106 |
| 30 | 0,9124 | 0,9118 | 0,9111 | 0,9105 | 0,9099 | 0,9092 | 0,9086 | 0,9079 |
| 31 | 0,9096 | 0,9091 | 0,9084 | 0,9078 | 0,9072 | 0,9066 | 0,9059 | 0,9053 |
| 32 | 0,9069 | 0,9064 | 0,9058 | 0,9052 | 0,9045 | 0,9039 | 0,9033 | 0,9027 |
| 33 | 0,9042 | 0,9037 | 0,9031 | 0,9025 | 0,9019 | 0,9013 | 0,9007 | 0,9002 |
| 34 | 0,9016 | 0,9010 | 0,9005 | 0,8999 | 0,8993 | 0,8987 | 0,8982 | 0,8976 |
| 35 | 0,8989 | 0,8984 | 0,8979 | 0,8973 | 0,8967 | 0,8962 | 0,8956 | 0,8951 |
| 36 | 0,8963 | 0,8958 | 0,8953 | 0,8947 | 0,8942 | 0,8937 | 0,8931 | 0,8926 |
| 37 | 0,8937 | 0,8932 | 0,8927 | 0,8922 | 0,8917 | 0,8911 | 0,8906 | 0,8901 |
| 38 | 0,8911 | 0,8907 | 0,8902 | 0,8897 | 0,8892 | 0,8887 | 0,8881 | 0,8876 |
| 39 | 0,8886 | 0,8881 | 0,8877 | 0,8872 | 0,8867 | 0,8862 | 0,8857 | 0,8852 |
| 40 | 0,8861 | 0,8856 | 0,8852 | 0,8847 | 0,8842 | 0,8837 | 0,8833 | 0,8828 |

E6. Specific heat capacity of water

TABLE EVI

Specific heat capacity of water c_p ($J \cdot kg^{-1} \cdot K^{-1}$)

(Intermediate values may be derived by linear interpolation)

For the calculation of these values, the formula according to Herbst and Rögner (see E8) was used.

| Temperature ϑ
(°C) | Absolute pressure (10^5 Pa) | | | | | | | |
|---------------------------------|--------------------------------|------|------|------|------|------|------|------|
| | 1 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| 0 | 4207 | 4203 | 4198 | 4193 | 4189 | 4184 | 4180 | 4176 |
| 1 | 4206 | 4202 | 4197 | 4193 | 4188 | 4184 | 4180 | 4175 |
| 2 | 4205 | 4201 | 4197 | 4192 | 4188 | 4183 | 4179 | 4175 |
| 3 | 4204 | 4200 | 4196 | 4191 | 4187 | 4183 | 4179 | 4174 |
| 4 | 4203 | 4199 | 4195 | 4191 | 4186 | 4182 | 4178 | 4174 |
| 5 | 4202 | 4198 | 4194 | 4190 | 4186 | 4182 | 4177 | 4173 |
| 6 | 4201 | 4197 | 4193 | 4189 | 4185 | 4181 | 4177 | 4173 |
| 7 | 4200 | 4196 | 4192 | 4188 | 4184 | 4180 | 4176 | 4172 |
| 8 | 4199 | 4195 | 4191 | 4187 | 4183 | 4179 | 4175 | 4172 |
| 9 | 4197 | 4194 | 4190 | 4186 | 4182 | 4178 | 4175 | 4171 |
| 10 | 4196 | 4193 | 4189 | 4185 | 4181 | 4178 | 4174 | 4170 |
| 11 | 4195 | 4191 | 4188 | 4184 | 4180 | 4177 | 4173 | 4170 |
| 12 | 4194 | 4190 | 4187 | 4183 | 4179 | 4176 | 4172 | 4169 |
| 13 | 4192 | 4189 | 4185 | 4182 | 4178 | 4175 | 4171 | 4168 |
| 14 | 4191 | 4188 | 4184 | 4181 | 4177 | 4174 | 4170 | 4167 |
| 15 | 4189 | 4186 | 4183 | 4179 | 4176 | 4173 | 4169 | 4166 |
| 16 | 4188 | 4185 | 4181 | 4178 | 4175 | 4172 | 4168 | 4165 |
| 17 | 4186 | 4183 | 4180 | 4177 | 4174 | 4170 | 4167 | 4164 |
| 18 | 4185 | 4182 | 4179 | 4175 | 4172 | 4169 | 4166 | 4163 |
| 19 | 4183 | 4180 | 4177 | 4174 | 4171 | 4168 | 4165 | 4162 |
| 20 | 4181 | 4179 | 4176 | 4173 | 4170 | 4167 | 4164 | 4161 |
| 21 | 4181 | 4179 | 4176 | 4173 | 4170 | 4167 | 4164 | 4161 |
| 22 | 4182 | 4179 | 4176 | 4173 | 4170 | 4167 | 4165 | 4162 |
| 23 | 4181 | 4179 | 4176 | 4173 | 4170 | 4168 | 4165 | 4162 |
| 24 | 4182 | 4179 | 4176 | 4173 | 4171 | 4168 | 4165 | 4162 |
| 25 | 4182 | 4179 | 4176 | 4173 | 4171 | 4168 | 4165 | 4162 |
| 26 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4165 | 4163 |
| 27 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4165 | 4163 |
| 28 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 29 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 30 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 31 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 32 | 4181 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 33 | 4181 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 34 | 4182 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 35 | 4181 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 36 | 4181 | 4179 | 4176 | 4174 | 4171 | 4168 | 4166 | 4163 |
| 37 | 4181 | 4179 | 4176 | 4173 | 4171 | 4168 | 4166 | 4163 |
| 38 | 4181 | 4178 | 4176 | 4173 | 4171 | 4168 | 4166 | 4164 |
| 39 | 4181 | 4178 | 4176 | 4173 | 4171 | 4168 | 4166 | 4164 |
| 40 | 4181 | 4178 | 4176 | 4173 | 4171 | 4168 | 4166 | 4164 |

E8. Formulation of the thermodynamic properties of water

The numerical values of the tables EII, EV and EVI were calculated by Herbst and Rögner [1] from the empirical equation of state for the free enthalpy for water. For determining the coefficients, the test results of Kell and Whalley [2] and of Kell, McLaurin and Whalley [3] were principally used.

The formulae derived from the equation of state for the free enthalpy for the calculation of ϱ , α and c_p are:

$$\varrho = 10^2 \left[\sum_{i=0}^3 \sum_{j=0}^3 R_{ij} \cdot \alpha^j \cdot \beta^{(i-1)} \right]^{-1} (\text{kg} \cdot \text{m}^{-3})$$

$$\alpha = \frac{1}{\varrho} - \Theta \left[\frac{\partial(1/\varrho)}{\partial \Theta} \right]_p = 10^{-2} \left[\sum_{i=0}^3 \sum_{j=0}^3 R_{ij} \alpha^j \beta^{(i-1)} - \Theta \sum_{i=0}^3 \sum_{j=1}^3 j R_{ij} \alpha^{(j-1)} \beta^{(i-1)} \right] (\text{m}^3 \cdot \text{kg}^{-1})$$

$$c_p = -10^3 \Theta \left[\sum_{j=2}^4 u_j j(j-1) \alpha^{(j-2)} + \ln \beta \sum_{j=2}^3 R_{0,j} j(j-1) \alpha^{(j-2)} + \sum_{i=1}^3 \sum_{j=2}^3 \frac{1}{i} R_{ij} j(j-1) \alpha^{(j-2)} \beta^i \right] (\text{J} \cdot \text{kg}^{-1} \cdot \text{K}^{-1})$$

where: $\beta = \frac{1}{p^*} (p_{\text{abs}} + 200 \cdot 10^5)$ with p_{abs} expressed in Pa and $p^* = 10^5$ Pa

$\alpha = \frac{1}{\Theta^*} (\Theta - \Theta_1)$ with $\Theta^* = 1$ K and $\Theta_1 = 273,15$ K

for a temperature range 273,15 K to 293,15 K (0,0°C to 20,0°C)

and $\Theta_1 = 293,15$ K

for a temperature range 293,15 K to 323,15 K (20,0°C to 50,0°C)

The following tables furnish the coefficients R_{ij} and u_j :

Temperature range: 0,0°C to 20,0°C

| j | u_j |
|-----|-------------------------------|
| 0 | $-0,2010822004 \cdot 10^2$ |
| 1 | $0,2586532356 \cdot 10^{-2}$ |
| 2 | $-0,7909909220 \cdot 10^{-2}$ |
| 3 | $0,1150327872 \cdot 10^{-4}$ |
| 4 | $-0,1035522272 \cdot 10^{-7}$ |

| R_{ij} | | | | |
|----------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|
| i | $j = 0$ | $j = 1$ | $j = 2$ | $j = 3$ |
| 0 | $0,4466741557 \cdot 10^{-4}$ | $-0,5594500697 \cdot 10^{-4}$ | $0,3402591955 \cdot 10^{-5}$ | $-0,4136345187 \cdot 10^{-7}$ |
| 1 | $0,1010693802$ | $-0,1513709263 \cdot 10^{-4}$ | $0,1063798744 \cdot 10^{-5}$ | $-0,8146078995 \cdot 10^{-8}$ |
| 2 | $-0,5398392119 \cdot 10^{-5}$ | $0,4672756685 \cdot 10^{-7}$ | $-0,1194765361 \cdot 10^{-8}$ | $0,1366322053 \cdot 10^{-10}$ |
| 3 | $0,7780118121 \cdot 10^{-9}$ | $-0,1619391322 \cdot 10^{-10}$ | $0,5883547485 \cdot 10^{-12}$ | $-0,8754014287 \cdot 10^{-14}$ |

Temperature range: 20,0°C to 50,0°C

| j | u_j |
|-----|-------------------------------|
| 0 | $-0,2313008369 \cdot 10^2$ |
| 1 | $-0,3003372691$ |
| 2 | $-0,7244565031 \cdot 10^{-2}$ |
| 3 | $0,8522355922 \cdot 10^{-5}$ |
| 4 | $-0,1035522272 \cdot 10^{-7}$ |

| $R_{i,j}$ | | | | |
|-----------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|
| i | $j = 0$ | $j = 1$ | $j = 2$ | $j = 3$ |
| 0 | $-0,4410355650 \cdot 10^{-4}$ | $0,3052252898 \cdot 10^{-4}$ | $0,9207848427 \cdot 10^{-6}$ | $-0,2590431198 \cdot 10^{-7}$ |
| 1 | $0,1011269892$ | $0,1763956234 \cdot 10^{-4}$ | $0,5750340044 \cdot 10^{-6}$ | $-0,1923769978 \cdot 10^{-8}$ |
| 2 | $-0,4832441163 \cdot 10^{-5}$ | $0,1533281704 \cdot 10^{-7}$ | $-0,3749721294 \cdot 10^{-9}$ | $0,1322804180 \cdot 10^{-11}$ |
| 3 | $0,6194433327 \cdot 10^{-9}$ | $-0,3164540431 \cdot 10^{-11}$ | $0,6311389123 \cdot 10^{-13}$ | $0,2469249342 \cdot 10^{-15}$ |

As well as the formulae of Herbst and Rögner [1], the formulae of Borel and Lan [4] or of Haar, Gallagher and Kell [5] are suitable for the calculations by means of a computer.

These authors have also taken the experimental values from [2] and [3].

References:

- [1] Herbst, G., Rögner, H.: *Neue kanonische Zustandsgleichung des Wassers*. Fortschritt Berichte VDI-Z, Reihe 6, Nr. 50 (1977).
- [2] Kell, G.S., Whalley, E.: *Re-analysis of the Density of Liquid Water in the Range 0 to 150 °C and 0 to 1 kbar*. Paper presented at the 8th Int. Conf. Prop. Steam, Giens (1974).
- [3] Kell, G.S., McLaurin, G.E., Whalley, E.: *The PVT Properties of Liquid Water in the Range 150 to 350 °C*. Paper presented at the 8th Int. Conf. Prop. Steam, Giens (1974).
- [4] Borel, L., Nguyen Dinh Lan: *Equations of state and Joule – Thomson coefficient*. 10th Int. Conf. Prop. Steam, Moscow (1984).
- [5] Haar, L., Gallagher, J.S., Kell, S.G.: *NBS/NRC steam tables: Thermodynamic and Transport Properties and Computer Programs for Vapor and Liquid States of Water in SI Units*. Hemisphere Publ. Corp. (1984).

Sensor

Calibration

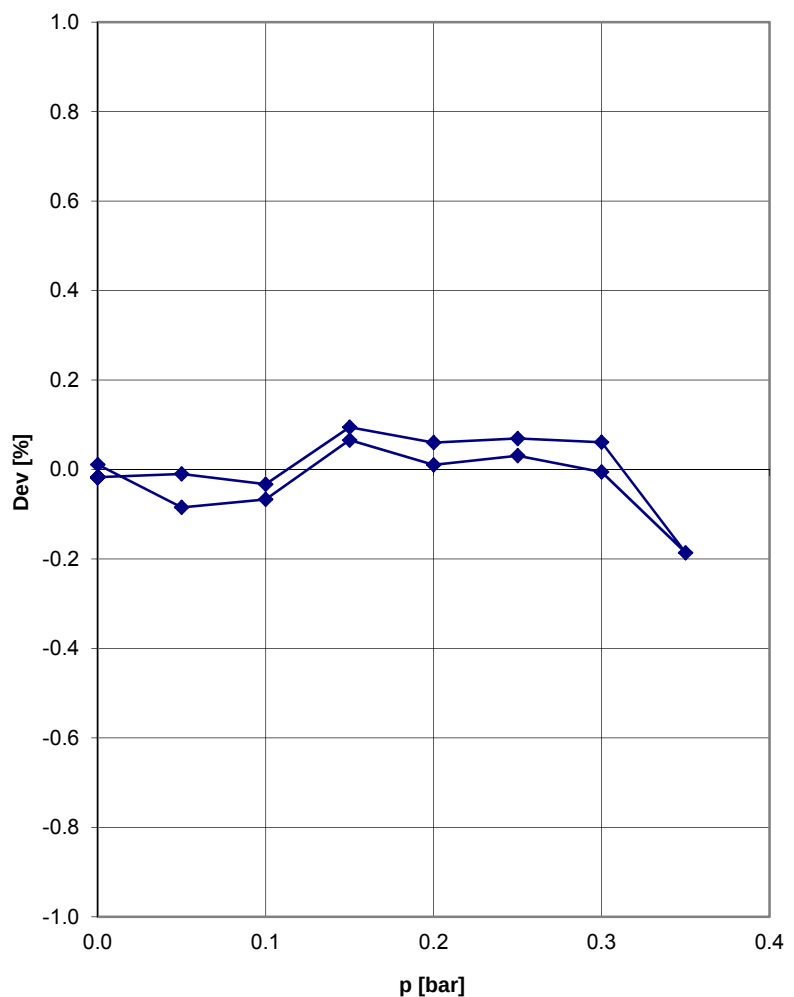
Connection



Deviation to Linear Regression Line

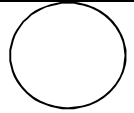
100% = max. Calibration Pressure

Max. Deviation: -0.186 %



Visa

ANDRITZ HYDRO Zürich Ltd
P.P.Box
CH-8023 Zurich



Plant:

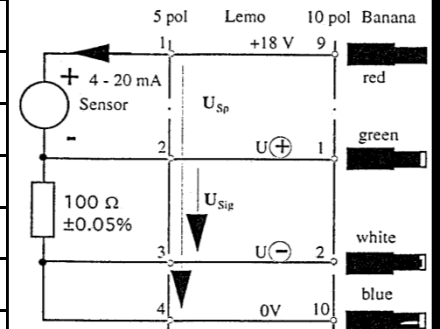
Order Number:

Calibration Sheet

| | | | |
|--------------------|----------------------------|--------------------|--------------------|
| Sensor: | Baumer Pressure Transducer | Cal. Range: | 0 - 100 bar |
| Type | PDRB A005.W22.A410 | Cal. Device: | Dead Weight Tester |
| Serial number: | 0M006 | Instrument number: | 04 033 002 |
| Instrument number: | 07 022 315 | Display device: | Agilent 34970A |
| | | Instrument number: | 71111 006 |
| Channel number: | 201 | Medium: | Oil |

| Ref | Ref | Meas | Meas | approx | |
|------|--------|--------|------|--------|------------|
| Gm | p | U | U | p | Δp |
| [kg] | [bar] | [V] | [V] | [bar] | % |
| 26.5 | 91.918 | 1.8605 | | 91.882 | -0.04 |
| 21.5 | 74.575 | 1.5856 | | 74.582 | 0.01 |
| 16.5 | 57.232 | 1.3102 | | 57.259 | 0.03 |
| 11.5 | 39.889 | 1.0346 | | 39.914 | 0.03 |
| 6.5 | 22.546 | 0.7586 | | 22.550 | 0.00 |
| 1.5 | 5.203 | 0.4823 | | 5.170 | -0.03 |

Connection:



| | |
|---------------------|--------------------------|
| U_{supply} | 18 V DC |
| p_{baro} | 0.964 bar |
| g | 9.80713 m/s ² |
| A_m | 0.28274 cm ² |
| t_{amb} | 22 °C |
| p_{rated} | 100 bar |

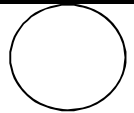
Remarks:

ANDRITZ HYDRO

Date: 18.04.2013

Visa: hjs

ANDRITZ HYDRO Zürich Ltd
P.P.Box
CH-8023 Zurich



Plant:

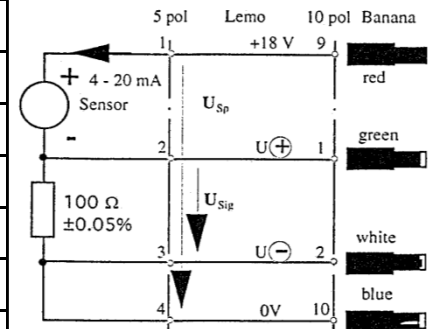
Order Number:

Calibration Sheet

| | | | |
|--------------------|----------------------------|--------------------|--------------------|
| Sensor: | Baumer Pressure Transducer | Cal. Range: | 0 - 100 bar |
| Type | PDRB A005.W22.A410 | Cal. Device: | Dead Weight Tester |
| Serial number: | 0M018 | Instrument number: | 04 033 002 |
| Instrument number: | 07 022 316 | Display device: | Agilent 34970A |
| | | Instrument number: | 71111 006 |
| Channel number: | 202 | Medium: | Oil |

| Ref | Ref | Meas | Meas | approx | |
|------|--------|--------|------|--------|------------|
| Gm | p | U | U | p | Δp |
| [kg] | [bar] | [V] | [V] | [bar] | % |
| 26.5 | 91.918 | 1.8776 | | 91.883 | -0.03 |
| 21.5 | 74.575 | 1.6001 | | 74.580 | 0.01 |
| 16.5 | 57.232 | 1.3225 | | 57.268 | 0.04 |
| 11.5 | 39.889 | 1.0442 | | 39.912 | 0.02 |
| 6.5 | 22.546 | 0.7658 | | 22.551 | 0.01 |
| 1.5 | 5.203 | 0.4871 | | 5.170 | -0.03 |

Connection:



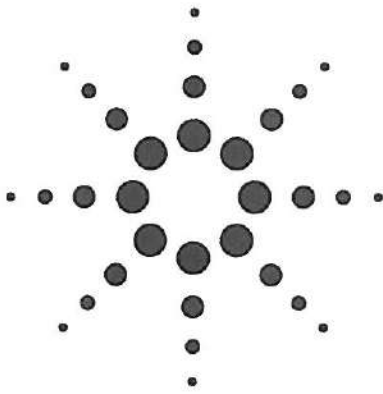
| | |
|---------------------|--------------------------|
| U_{supply} | 18 V DC |
| p_{baro} | 0.964 bar |
| g | 9.80713 m/s ² |
| A_m | 0.28274 cm ² |
| t_{amb} | 22 °C |
| p_{rated} | 100 bar |

Remarks:

ANDRITZ HYDRO

Date: 18.04.2013

Visa: hjs



Agilent 34970A

Data Acquisition/Switch Unit

Product Overview

**Agilent performance
at a fraction of the cost
of other standalone
data acquisition systems**



Agilent Technologies

Innovating the HP Way


Agilent Technologies

Agilent Technologies (M) Sdn. Bhd. (012767-W)
 Bayan Lepas Free Industrial Zone
 11900 Penang
 Malaysia



5962-0476

Certificate Of Calibration

Certificate No: 34970AMY41030720

Manufacturer: Agilent Technologies

Model No: 34970A

Options Installed With Specifications: N/A

Description: Data Acquisition/Switch Unit

Serial No: MY41030720

Date of Calibration: 15-JUL-2004

Temperature: (23 +/-5)C

Humidity: 0 to 50% RH

Procedure: VM_34970AF/195524470212

This certifies that the above product was calibrated in compliance with a quality system registered to ISO 9001:2000, using applicable Agilent Technologies' procedures.

As Received: Factory tested. No incoming data available.

As Shipped Conditions: At the completion of the calibration, measured values were IN-SPECIFICATION at the points tested.

These calibration procedures and test points are those recommended in a procedure developed by Agilent.

Remarks or special requirements:

Traceability Information: Traceability is to national standards administered by the U.S. NIST, NRC Canada, Euromet members (NPL, PTB, BNM, etc.) or other recognized standards laboratories. Some measurements are traceable to natural physical constants, consensus standards or ratio type measurements. Supporting documentation relative to traceability is available for review by appointment. This report shall not be reproduced, except in full, without prior written approval of the calibration facility.

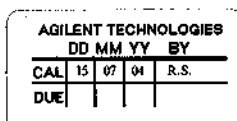
Calibration Equipment Used:

| Model Number | Model Description | Trace Number | Cal Due Date |
|--------------|-------------------|--------------|--------------|
| 3458A | Multimeter | 0931217 | 12-DEC-2004 |
| Fluke 5700A | Calibrator | 0900265 | 28-FEB-2005 |
| Fluke 5725A | Amplifier | 0900257 | 28-FEB-2005 |

Print Date: 15-JUL-2004

Boo Teong Khoo
 Quality Manager

VATECH Nr.
71 111 006



TEST REPORT

| TEST DESCRIPTION | READING | ERROR | 1 YEAR SPEC |
|------------------------------------|-----------|----------|-------------|
| DCV +.1V on .1V Range | .0999996 | -0.0004% | +/-0.0090% |
| DCV +1V on 1V Range | 1.0000006 | +0.0001% | +/-0.0047% |
| DCV +10V on 10V Range | 10.000001 | +0.0000% | +/-0.0040% |
| DCV +.1V on 10V Range | .0999998 | -0.0002% | +/-0.0535% |
| DCV -10V on 10V Range | -9.999992 | +0.0001% | +/-0.0040% |
| DCV +100V on 100V Range | 99.999980 | -0.0000% | +/-0.0051% |
| DCV +300V on 300V Range | 299.99919 | -0.0003% | +/-0.0075% |
| ACV .01V 1KHZ on .1V Range | .0100004 | +0.0040% | +/-0.4600% |
| ACV .1V 1KHZ on .1V Range | .0999994 | -0.0006% | +/-0.1000% |
| ACV .1V 50KHZ on .1V Range | .0999886 | -0.0114% | +/-0.1700% |
| ACV 1V 1KHZ on 1V Range | .9999890 | -0.0011% | +/-0.1000% |
| ACV 1V 50KHZ on 1V Range | .9997964 | -0.0204% | +/-0.1700% |
| ACV 10V 10HZ on 10V Range | 9.9999200 | -0.0008% | +/-0.3900% |
| ACV 10V 1KHZ on 10V Range | 9.9995898 | -0.0041% | +/-0.1000% |
| ACV 10V 20KHZ on 10V Range | 10.000585 | +0.0058% | +/-0.1000% |
| ACV 10V 50KHZ on 10V Range | 10.000034 | +0.0003% | +/-0.1700% |
| ACV 10V 100KHZ on 10V Range | 10.000695 | +0.0070% | +/-0.6800% |
| ACV 10V 300KHZ on 10V Range | 10.043971 | +0.4397% | +/-4.5000% |
| ACV 100V 1KHZ on 100V Range | 99.999846 | -0.0002% | +/-0.1000% |
| ACV 100V 50KHZ on 100V Range | 100.00638 | +0.0064% | +/-0.1700% |
| ACV 300V 1KHZ on 300V Range | 300.00066 | +0.0002% | +/-0.1400% |
| ACV 300V 50KHZ on 300V Range | 299.95686 | -0.0144% | +/-0.2400% |
| 4W OHMS 100OHMS on 100OHMS Range | 99.999906 | -0.0001% | +/-0.0140% |
| 4W OHMS 1KOHMS on 1KOHMS Range | 1000.0000 | +0.0000% | +/-0.0110% |
| 4W OHMS 10KOHMS on 10KOHMS Range | 9999.9989 | -0.0000% | +/-0.0110% |
| 4W OHMS 100KOHMS on 100KOHMS Range | 99999.895 | -0.0001% | +/-0.0110% |
| 4W OHMS 1MOHMS on 1MOHMS Range | 1000001.7 | +0.0002% | +/-0.0110% |
| 4W OHMS 10MOHMS on 10MOHMS Range | 9999993.6 | -0.0001% | +/-0.0410% |
| DCI 10MA on 10MA Range | .0099999 | -0.0010% | +/-0.0700% |
| DCI 100MA on 100MA Range | .0999998 | -0.0002% | +/-0.0550% |
| DCI 1A on 1A Range | 1.0000111 | +0.0011% | +/-0.1100% |
| ACI 10MA 1KHZ on 10MA Range | .0099967 | -0.0330% | +/-0.1400% |
| ACI 100MA 1KHZ on 1A Range | .1000183 | +0.0183% | +/-0.5000% |
| ACI 1A 1KZ on 1A Range | 1.0000726 | +0.0073% | +/-0.1400% |
| FREQ 1V 10KHZ on 1V Range | 10000.002 | +0.0000% | +/-0.0100% |

ANDRITZ HYDRO Zurich Ltd
P.O. Box
CH-8021 Zurich, Switzerland

Certificate of Calibration

Model No. 34970A
Serial No. MY41030720
Description: Data Aquisition
Customer Name: ANDRITZ HYDRO
Instrument No. 71 111 006

We certify that the above product was duly tested and found to be within its specifications at the points measured. Measurements are traceable to the Swiss Federal Office of Metrology to the extent allowable or to other national metrology laboratories of equivalent regard. Where no national or international standards exist, traceability is to standards maintained by ANDRITZ HYDRO Zurich. Our Quality Management System has been assessed to comply with ISO 9001. Tests were carried out in controlled environmental conditions to the extent appropriate to the instruments specification.

The ANDRITZ HYDRO Zurich recommended calibration interval is 12 months

Test Conditions:

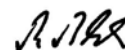
Temperature: (23+/-2) °C

Relative Humidity: (45+/-15)%

Calibration Equipment Used:

| Serial Number | Model Description | | Cal Due Date |
|---------------|-------------------------------|--|--------------|
| 584432 | Knick DC - Calibrator JS 3010 | | 12-June-2014 |
| | | | |
| | | | |

Calibration Date: 12-June-2013



R. Bloch

Instrument Support ANDRITZ HYDRO Zurich, CH-8021 Zurich

Test Results

Test object Agilent 34970A data acquisition / switch unit
 Serial No. MY41030720
 Andritz Hydro Instr. No. 71 111 006
 Test condition Auto range (as used for efficiency tests)
 Calibration Date: 21-June-2013
 DC voltage and 4 wire resistance measurements are used for efficiency tests

Calibration device Knick DC-Calibrator JS 3010
 Serial No. 584432
 Andritz Hydro Instr. No. 01 335 001

| DC voltage measurements | | |
|-------------------------|----------------|----------|
| Calibration
Signal | Reading
DVM | Error |
| [V] | [V] | [%] |
| 0.10000 | 0.1000040 | 0.00401 |
| -0.10000 | -0.1000016 | -0.00164 |
| 0.20000 | 0.2000008 | 0.00040 |
| -0.20000 | -0.1999989 | 0.00055 |
| 0.50000 | 0.4999936 | -0.00128 |
| -0.50000 | -0.4999914 | 0.00173 |
| 1.00000 | 1.0000020 | 0.00020 |
| -1.00000 | -0.9999998 | 0.00002 |
| 2.00000 | 2.0000458 | 0.00229 |
| -2.00000 | -2.0000460 | -0.00230 |
| 5.00000 | 5.0000160 | 0.00032 |
| -5.00000 | -5.0000178 | -0.00036 |
| 10.0000 | 10.000119 | 0.00119 |
| -10.0000 | -10.000148 | -0.00148 |

| 4 wire resistance measurement | | |
|-------------------------------|----------------|---------|
| Calibration
Signal | Reading
DVM | Error |
| [Ohm] | [Ohm] | [%] |
| 100.000 | 100.0074 | 0.00736 |
| 1000.00 | 1000.064 | 0.00637 |

Instrument Support ANDRITZ HYDRO Zurich, CH-8021 Zurich

KDG MOBREY LTD

Calibration chart

Variable-area glass tube
Size 18 and 18X
Type E, F and G

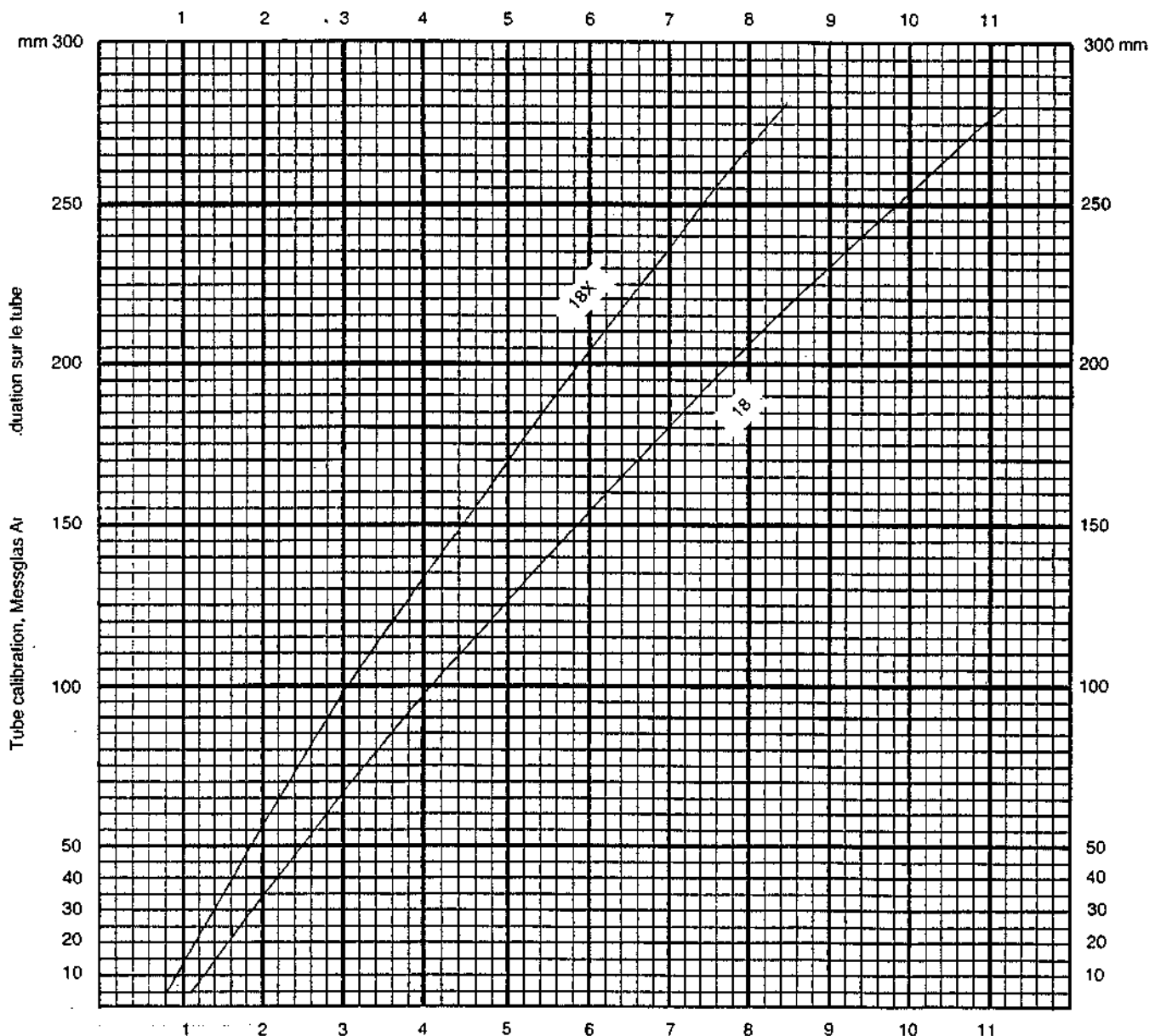


WISAG

Wissenschaftliche
 Apparaturen und
 Industrieanlagen AG
 8057 Zurich
 Oerlikonerstrasse 88
 Tel 01/3114040

Calibration chart for water — Float: stainless steel Type 'S'
 Eichkurve für Wasser — Schwimmer: rostfreier Stahl Typ 'S'
 Carte de calibration pour l'eau — Flotteur: acier inoxydable Type 'S'

Flow, Durchfluss, Debit — litres per minute (20°C)



FLOWRATES(L/MIN WATER AT 20°C) AGAINST DISTANCE FOR 2000 SERIES, SIZE 18 TUBE, ST.ST FREE FLOAT (2000/18/410/SFL)

| DISTANCE
(MM) | FLOWRATE
L/MIN | DISTANCE
(MM) | FLOWRATE
L/MIN | DISTANCE
(MM) | FLOWRATE
L/MIN | DISTANCE
(MM) | FLOWRATE
L/MIN |
|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| 0 | 1.000 | 1 | 1.029 | 2 | 1.058 | 3 | 1.087 |
| 4 | 1.116 | 5 | 1.146 | 6 | 1.175 | 7 | 1.204 |
| 8 | 1.233 | 9 | 1.263 | 10 | 1.292 | 11 | 1.322 |
| 12 | 1.351 | 13 | 1.391 | 14 | 1.411 | 15 | 1.440 |
| 16 | 1.470 | 17 | 1.500 | 18 | 1.530 | 19 | 1.560 |
| 20 | 1.590 | 21 | 1.620 | 22 | 1.650 | 23 | 1.680 |
| 24 | 1.710 | 25 | 1.740 | 26 | 1.770 | 27 | 1.801 |
| 28 | 1.831 | 29 | 1.861 | 30 | 1.892 | 31 | 1.922 |
| 32 | 1.953 | 33 | 1.983 | 34 | 2.014 | 35 | 2.045 |
| 36 | 2.075 | 37 | 2.106 | 38 | 2.137 | 39 | 2.168 |
| 40 | 2.199 | 41 | 2.229 | 42 | 2.260 | 43 | 2.291 |
| 44 | 2.322 | 45 | 2.354 | 46 | 2.385 | 47 | 2.415 |
| 48 | 2.447 | 49 | 2.478 | 50 | 2.510 | 51 | 2.541 |
| 52 | 2.572 | 53 | 2.604 | 54 | 2.635 | 55 | 2.667 |
| 56 | 2.698 | 57 | 2.730 | 58 | 2.762 | 59 | 2.793 |
| 60 | 2.825 | 61 | 2.857 | 62 | 2.888 | 63 | 2.920 |
| 64 | 2.952 | 65 | 2.984 | 66 | 3.016 | 67 | 3.048 |
| 68 | 3.079 | 69 | 3.111 | 70 | 3.143 | 71 | 3.175 |
| 72 | 3.207 | 73 | 3.239 | 74 | 3.271 | 75 | 3.303 |
| 76 | 3.335 | 77 | 3.367 | 78 | 3.400 | 79 | 3.432 |
| 80 | 3.464 | 81 | 3.497 | 82 | 3.529 | 83 | 3.562 |
| 84 | 3.594 | 85 | 3.627 | 86 | 3.659 | 87 | 3.692 |
| 88 | 3.725 | 89 | 3.758 | 90 | 3.790 | 91 | 3.823 |
| 92 | 3.856 | 93 | 3.889 | 94 | 3.922 | 95 | 3.956 |
| 96 | 3.989 | 97 | 4.022 | 98 | 4.055 | 99 | 4.089 |
| 100 | 4.122 | 101 | 4.156 | 102 | 4.189 | 103 | 4.223 |
| 104 | 4.257 | 105 | 4.291 | 106 | 4.325 | 107 | 4.360 |
| 108 | 4.394 | 109 | 4.428 | 110 | 4.463 | 111 | 4.497 |
| 112 | 4.532 | 113 | 4.567 | 114 | 4.601 | 115 | 4.636 |
| 116 | 4.671 | 117 | 4.706 | 118 | 4.741 | 119 | 4.776 |
| 120 | 4.811 | 121 | 4.846 | 122 | 4.882 | 123 | 4.917 |
| 124 | 4.952 | 125 | 4.988 | 126 | 5.023 | 127 | 5.059 |
| 128 | 5.094 | 129 | 5.129 | 130 | 5.165 | 131 | 5.201 |
| 132 | 5.236 | 133 | 5.272 | 134 | 5.308 | 135 | 5.344 |
| 136 | 5.380 | 137 | 5.416 | 138 | 5.452 | 139 | 5.488 |
| 140 | 5.524 | 141 | 5.560 | 142 | 5.596 | 143 | 5.632 |
| 144 | 5.668 | 145 | 5.705 | 146 | 5.741 | 147 | 5.777 |
| 148 | 5.814 | 149 | 5.850 | 150 | 5.886 | 151 | 5.921 |
| 152 | 5.957 | 153 | 5.993 | 154 | 6.029 | 155 | 6.065 |
| 156 | 6.101 | 157 | 6.137 | 158 | 6.174 | 159 | 6.210 |
| 160 | 6.247 | 161 | 6.283 | 162 | 6.320 | 163 | 6.357 |
| 164 | 6.394 | 165 | 6.431 | 166 | 6.468 | 167 | 6.505 |
| 168 | 6.542 | 169 | 6.580 | 170 | 6.617 | 171 | 6.655 |
| 172 | 6.693 | 173 | 6.731 | 174 | 6.769 | 175 | 6.809 |
| 176 | 6.848 | 177 | 6.887 | 178 | 6.926 | 179 | 6.966 |
| 180 | 7.005 | 181 | 7.045 | 182 | 7.085 | 183 | 7.124 |
| 184 | 7.164 | 185 | 7.204 | 186 | 7.244 | 187 | 7.284 |
| 188 | 7.324 | 189 | 7.364 | 190 | 7.404 | 191 | 7.444 |
| 192 | 7.484 | 193 | 7.523 | 194 | 7.563 | 195 | 7.602 |
| 196 | 7.641 | 197 | 7.680 | 198 | 7.719 | 199 | 7.758 |
| 200 | 7.797 | 201 | 7.836 | 202 | 7.875 | 203 | 7.914 |
| 204 | 7.954 | 205 | 7.993 | 206 | 8.032 | 207 | 8.072 |
| 208 | 8.111 | 209 | 8.151 | 210 | 8.190 | 211 | 8.230 |
| 212 | 8.270 | 213 | 8.310 | 214 | 8.350 | 215 | 8.391 |
| 216 | 8.432 | 217 | 8.473 | 218 | 8.514 | 219 | 8.555 |
| 220 | 8.596 | 221 | 8.638 | 222 | 8.679 | 223 | 8.721 |
| 224 | 8.763 | 225 | 8.805 | 226 | 8.847 | 227 | 8.889 |
| 228 | 8.931 | 229 | 8.973 | 230 | 9.016 | 231 | 9.058 |
| 232 | 9.100 | 233 | 9.143 | 234 | 9.186 | 235 | 9.229 |
| 236 | 9.271 | 237 | 9.314 | 238 | 9.357 | 239 | 9.400 |
| 240 | 9.444 | 241 | 9.487 | 242 | 9.530 | 243 | 9.573 |
| 244 | 9.617 | 245 | 9.660 | 246 | 9.704 | 247 | 9.748 |
| 248 | 9.791 | 249 | 9.835 | 250 | 9.879 | 251 | 9.923 |
| 252 | 9.967 | 253 | 10.011 | 254 | 10.055 | 255 | 10.099 |
| 256 | 10.144 | 257 | 10.188 | 258 | 10.232 | 259 | 10.277 |
| 260 | 10.321 | 261 | 10.366 | 262 | 10.410 | 263 | 10.455 |
| 264 | 10.499 | 265 | 10.544 | 266 | 10.589 | 267 | 10.634 |
| 268 | 10.679 | 269 | 10.724 | 270 | 10.768 | 271 | 10.813 |
| 272 | 10.858 | 273 | 10.904 | 274 | 10.949 | 275 | 10.994 |
| 276 | 11.033 | 277 | 11.084 | 278 | 11.129 | 279 | 11.175 |

METRIC GRÖSSE 18 FÜR 1-10 L/MIN.WASSER BEI 20°C MIT SCHWIMMER AUS ROSTFREIEM STAHL
 METRIC GRANDEUR 18 POUR 1-10 L/MIN.EAU À 20°C AVEC FLOTTEUR EN ACIER INOX

ANDRITZ HYDRO Zurich Ltd
P.O. Box
CH-8021 Zurich, Switzerland

Certificate of Calibration

Model No. WISAG 2000
Serial No. TM 18 E FMS
Description: Variable Area Flowmeter
Customer Name: ANDRITZ HYDRO
Instrument No. 99 001 112

We certify that the above product was duly tested and found to be within its specifications at the points measured. Measurements are traceable to the Swiss Federal Office of Metrology to the extent allowable or to other national metrology laboratories of equivalent regard. Where no national or international standards exist, traceability is to standards maintained by ANDRITZ HYDRO Zurich. Our Quality Management System has been assessed to comply with ISO 9001. Tests were carried out in controlled environmental conditions to the extent appropriate to the instruments specification.

The ANDRITZ HYDRO Zurich recommended calibration interval is 12 months

Test Conditions:

Temperature: (20+/-2) °C

Relative Humidity: (45+/-15)%

Calibration Equipment Used:

| Serial Number | Model Description | | Cal Due Date |
|---------------|----------------------|--|-------------------|
| | Volume / Time Method | | 16-September-2014 |
| | | | |
| | | | |

Calibration Date: 16-September-2013



A. Klopfer

Instrument Support ANDRITZ HYDRO Zurich, CH-8021 Zurich

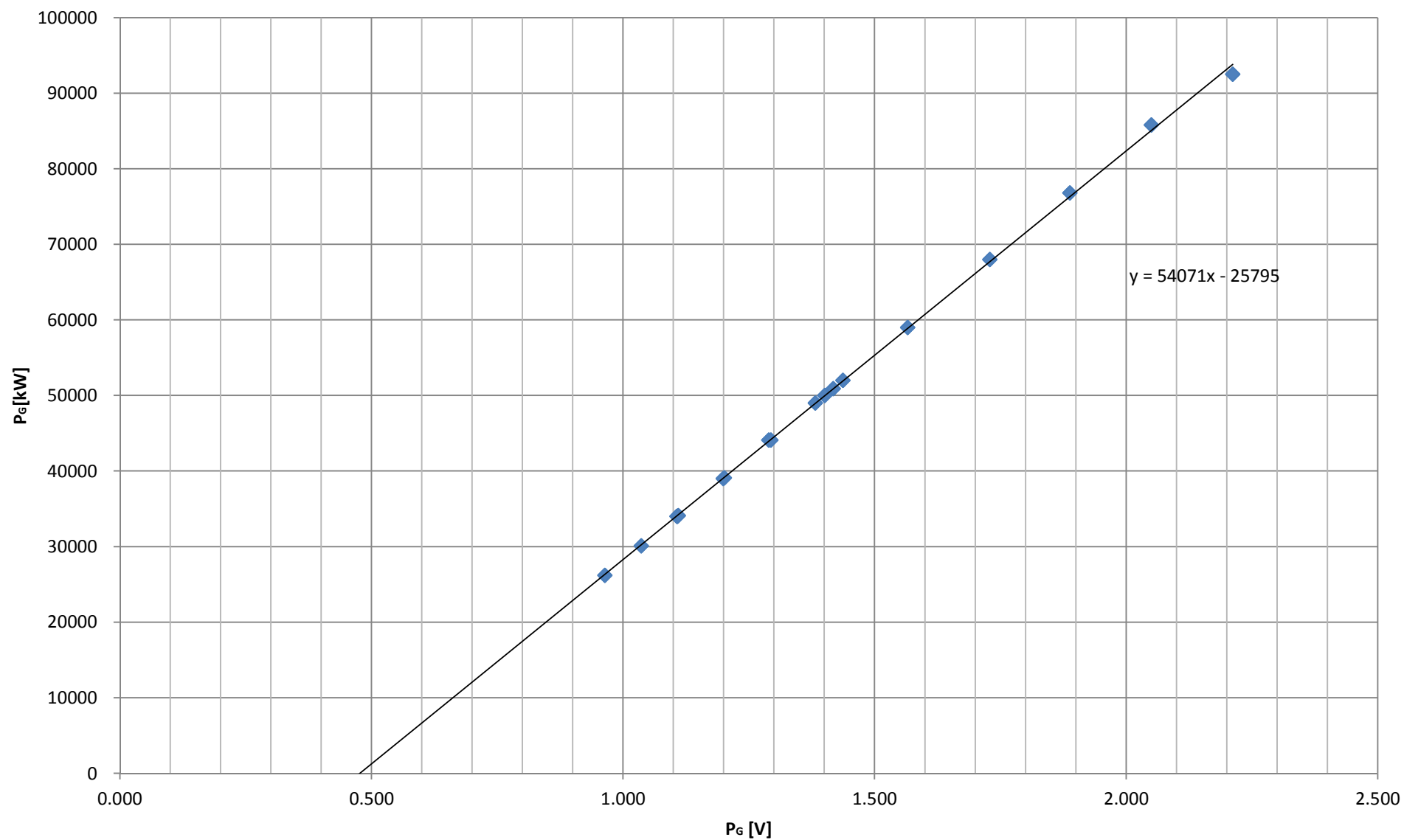
Alfalfal Set-Up



| <i>Channel</i> | <i>Name</i> | <i>Function</i> | <i>Integration [s]</i> | <i>Unit</i> | <i>RTD-Typ</i> | <i>R0 [Ohm]</i> | <i>A0</i> | <i>A1</i> | <i>Filter [Hz]</i> | <i>PT100(0)</i> |
|----------------|-------------|-----------------|------------------------|-------------|----------------|-----------------|-------------|------------|--------------------|-----------------|
| 101 | Tair | PT100(0) | 0.1 | °C | 385 | 1000 | 0 | 1 | | |
| 102 | T11 | PT100(0) | 0.1 | °C | 385 | 1000 | 0.415158 | 1 | 3 | equal |
| 103 | T20A | PT100(0) | 0.1 | °C | 385 | 1000 | 0.401310000 | 1 | 3 | equal |
| 104 | T20B | PT100(0) | 0.1 | °C | 385 | 1000 | 0.509520000 | 1 | 3 | equal |
| 105 | T20C | PT100(0) | 0.1 | °C | 385 | 1000 | 0.651200000 | 1 | 3 | equal |
| 106 | f | DC Voltage | 0.1 | V | 385 | | 50 | 0.5 | 3 | |
| 107 | Pg_mA | DC Voltage | 0.1 | V | 385 | | 0 | 1 | 3 | |
| 201 | pm1 | DC Voltage | 0.1 | bar | 385 | | -25.177 | 62.917 | 3 | |
| 202 | pm11 | DC Voltage | 0.1 | bar | 385 | | -25.204 | 62.36 | 3 | |
| 203 | pm20 | DC Voltage | 0.1 | bar | 385 | | 0 | 0.2179 | 3 | |
| 301 | So1 | DC Voltage | 0.1 | V | 385 | | -26.0008557 | 61.1209584 | 3 | |
| 302 | So2 | DC Voltage | 0.1 | V | 385 | | -25.7939118 | 59.8050356 | 3 | |
| 303 | So3 | DC Voltage | 0.1 | V | 385 | | -25.683725 | 64.0491898 | 3 | |
| 304 | So4 | DC Voltage | 0.1 | V | 385 | | -26.0141698 | 57.136327 | 3 | |
| 305 | So5 | DC Voltage | 0.1 | V | 385 | | -25.813369 | 61.270755 | 3 | |
| 306 | So6 | DC Voltage | 0.1 | V | 385 | | -25.802187 | 60.088932 | 3 | |

Channel *Name*
303 *Pel*

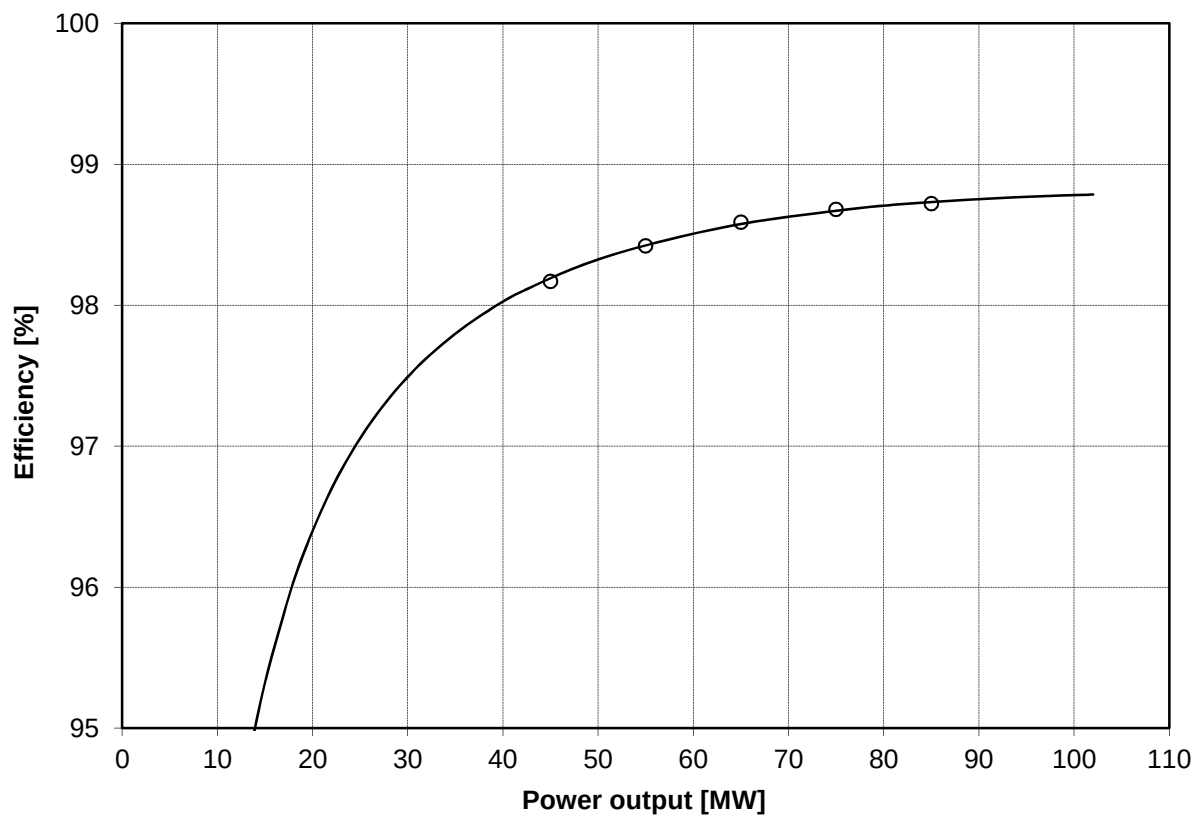
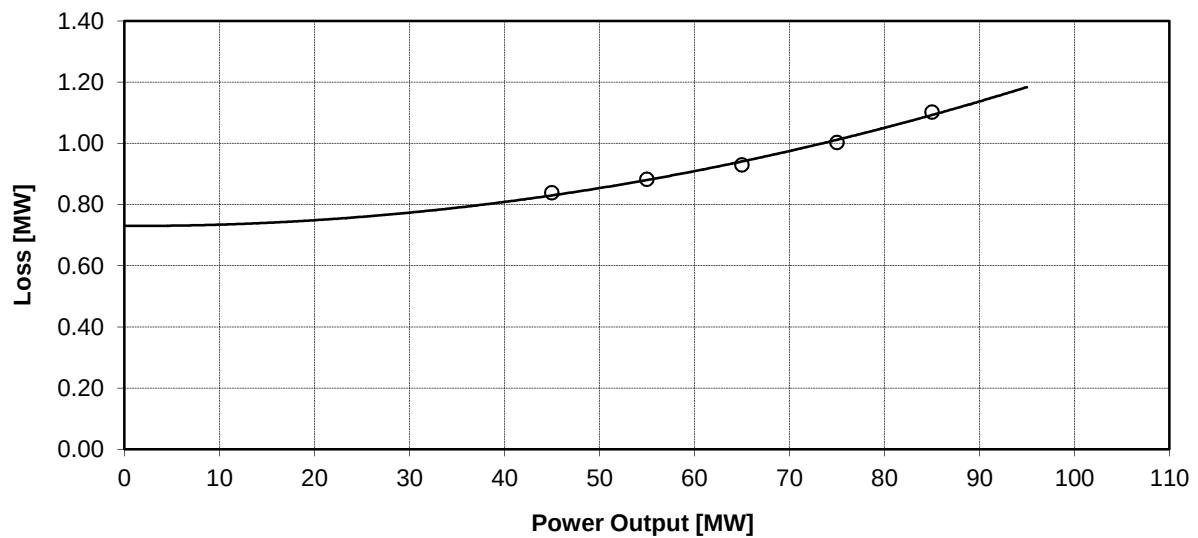
Calibration of power signal with manual readings



ALFALFAL
Generator Efficiency

p.f. = 0.85

| PG
MW | ETA
% | Pv
MW |
|----------|----------|----------|
| 85.0 | 98.72 | 1.102 |
| 75.0 | 98.68 | 1.003 |
| 65.0 | 98.59 | 0.930 |
| 55.0 | 98.42 | 0.883 |
| 45.0 | 98.17 | 0.839 |



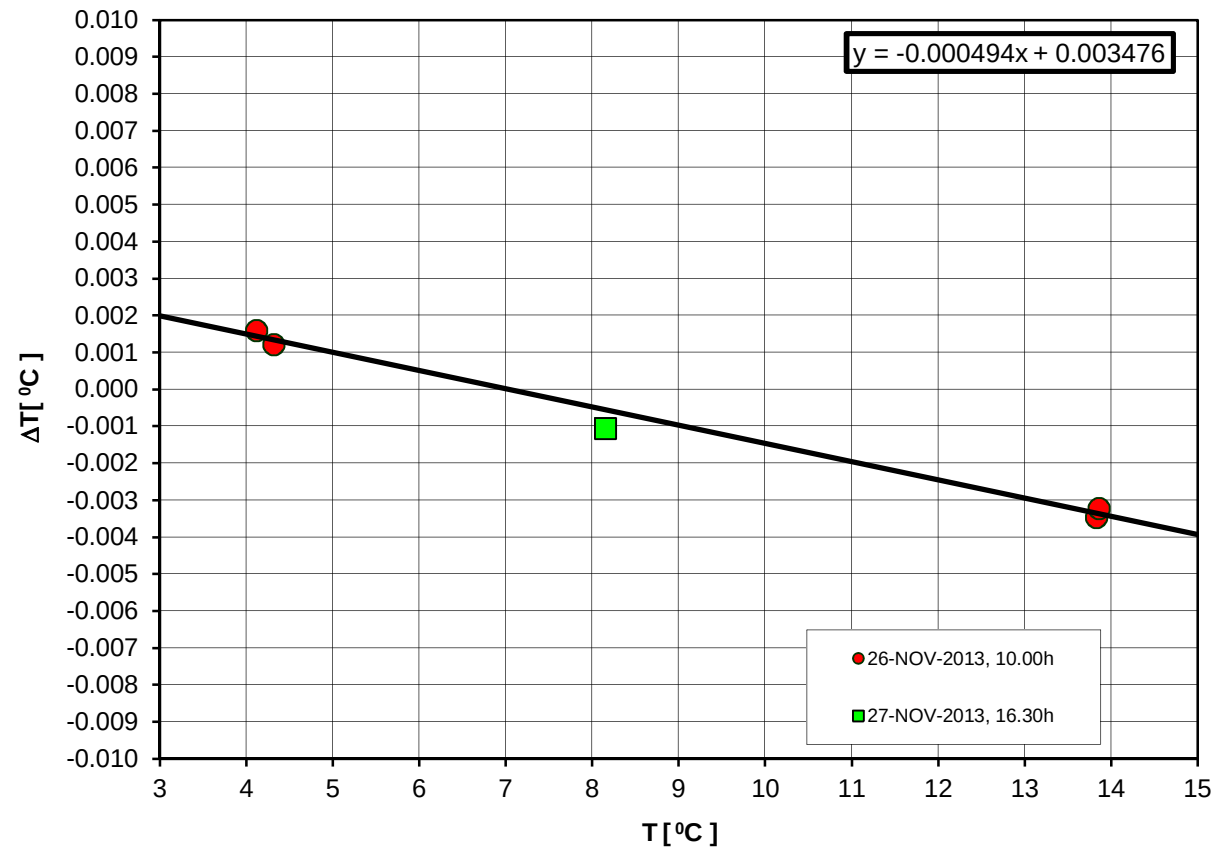
Alfalfal

Thermodynamic measurement

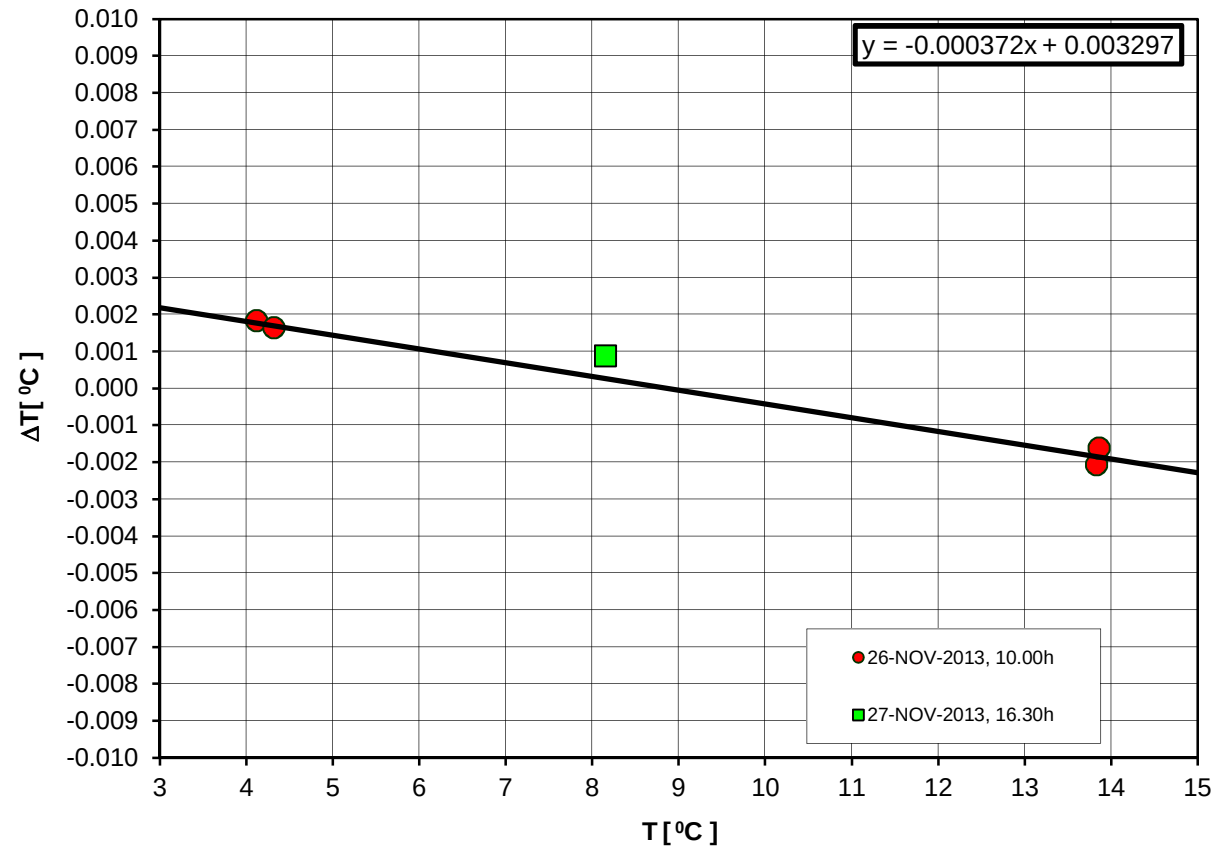
Temperature Zero check

T₁₁ PT1000 Number 012
T_{20A} PT1000 Number 017

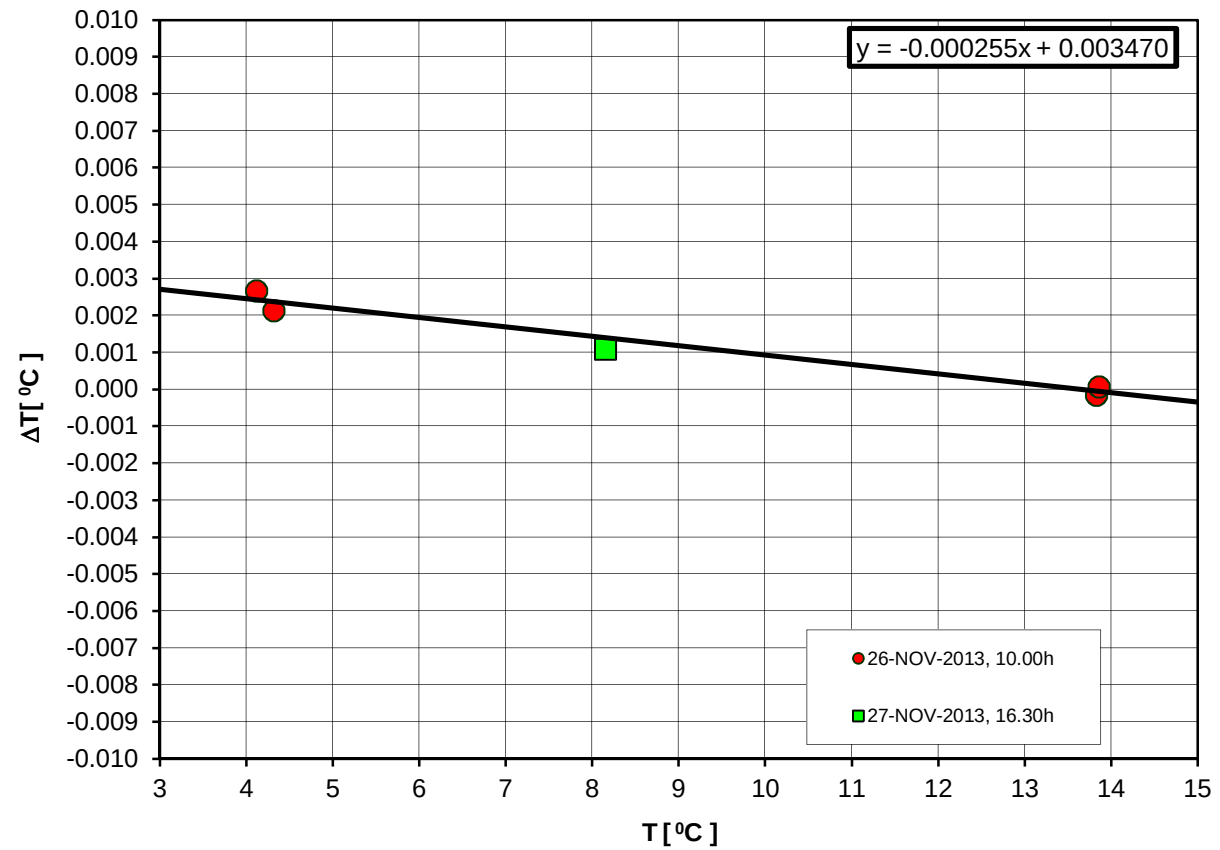
| T11
°C | T20A
°C | ΔT
°C |
|-----------|------------|----------|
| 4.1214 | 4.1198 | 0.0016 |
| 4.3198 | 4.3186 | 0.0012 |
| 13.8332 | 13.8367 | -0.0035 |
| 13.8666 | 13.8698 | -0.0032 |
| 8.1539 | 8.1550 | -0.0011 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



| | | | | |
|------------------|--------|--------|-----|----------|
| T ₁₁ | PT1000 | Number | 012 | |
| T _{20B} | PT1000 | Number | 018 | (Ersatz) |

[illegible]

| | | | |
|------------------|--------|--------|-----|
| T ₁₁ | PT1000 | Number | 012 |
| T _{20C} | PT1000 | Number | 011 |

[illegible]

Eval Alfalfa.xlsx Eval

Eval Alfalfa.xlsx Eval

Eval Alfalfa.xlsx Eval

| EVALUATION | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Specific mechanical energy | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Operating point | 0 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | Measuring point | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| | Time | 08.40 | 08.48 | 09.19 | 09.23 | 09.35 | 09.37 | 09.52 | 09.55 | 10.07 | 10.09 | 10.30 | 10.32 | |
| 1 | p_{m11} | [bar] | 55.886 | 56.972 | 56.663 | 58.493 | 59.285 | 59.534 | 58.848 | 58.678 | 58.971 | 59.149 | 57.820 | 58.314 |
| 2 | $z_{m11}-z_{11}$ | [m] | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 |
| 3 | p_{11} | [bar] | 56.190 | 57.276 | 56.967 | 58.797 | 59.589 | 59.838 | 59.152 | 58.982 | 59.275 | 59.453 | 58.124 | 58.618 |
| 4 | T_{11} | [°C] | 4.8891 | 4.8307 | 4.7143 | 4.6565 | 4.5985 | 4.5832 | 4.5507 | 4.5409 | 4.4990 | 4.4835 | 4.4338 | 4.4113 |
| 5 | T_{20} | [°C] | 4.7622 | 4.7284 | 4.5990 | 4.5835 | 4.5372 | 4.5286 | 4.4763 | 4.4639 | 4.4293 | 4.4206 | 4.3438 | 4.3338 |
| 6 | $(T_{11}+T_{20})/2$ | [°C] | 4.8256 | 4.7796 | 4.6567 | 4.6200 | 4.5679 | 4.5559 | 4.5135 | 4.5024 | 4.4642 | 4.4521 | 4.3888 | 4.3725 |
| 7 | $[(p_{11}+p_{20})_{abs}]/2$ | [bar] | 28.959 | 29.501 | 29.347 | 30.262 | 30.658 | 30.782 | 30.440 | 30.354 | 30.501 | 30.590 | 29.925 | 30.173 |
| 8 | ρ | [kg/m³] | 1001.32 | 1001.34 | 1001.34 | 1001.38 | 1001.40 | 1001.41 | 1001.39 | 1001.39 | 1001.40 | 1001.40 | 1001.37 | 1001.38 |
| 9 | 1000 a | [m³/kg] | 0.9926 | 0.9928 | 0.9933 | 0.9933 | 0.9935 | 0.9935 | 0.9938 | 0.9938 | 0.9940 | 0.9940 | 0.9943 | 0.9944 |
| 10 | c_p | [J/kg°C] | 4190.99 | 4190.80 | 4190.98 | 4190.63 | 4190.51 | 4190.46 | 4190.64 | 4190.69 | 4190.66 | 4190.63 | 4190.97 | 4190.88 |
| 11 | a ($p_{11}-p_{20}$) | [J/kg] | 5577.71 | 5686.15 | 5658.58 | 5840.52 | 5920.13 | 5945.07 | 5878.26 | 5861.66 | 5891.68 | 5909.61 | 5779.51 | 5828.91 |
| 12 | cp ($T_{11}-T_{20}$) | [J/kg] | 532.20 | 428.75 | 483.12 | 305.85 | 257.10 | 229.13 | 311.93 | 322.65 | 291.98 | 263.85 | 377.33 | 324.80 |
| 13 | q_{11} | [l/min] | 9.4 | 8.8 | 9.1 | 8.4 | 7.8 | 7.8 | 8.0 | 8.1 | 8.1 | 8.0 | 8.3 | 8.4 |
| 14 | $v_{11}^2/2$ | [J/kg] | 0.35 | 0.30 | 0.32 | 0.28 | 0.24 | 0.24 | 0.25 | 0.26 | 0.26 | 0.25 | 0.27 | 0.28 |
| 15 | p_{m20} | [bar] | 0.2762 | 0.2748 | 0.2690 | 0.2700 | 0.2644 | 0.2647 | 0.2654 | 0.2666 | 0.2699 | 0.2701 | 0.2747 | 0.2751 |
| 16 | Q | [m³/s] | 15.441 | 15.430 | 13.934 | 13.925 | 12.438 | 12.444 | 11.020 | 11.030 | 9.603 | 9.619 | 8.518 | 8.516 |
| 17 | $v_{20}^2/2$ | [J/kg] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | z_{20} | [m] | 1326.34 | 1326.32 | 1326.26 | 1326.27 | 1326.22 | 1326.22 | 1326.23 | 1326.24 | 1326.27 | 1326.27 | 1326.32 | 1326.33 |
| 19 | $z_{20}-z_k$ | [m] | 2.84 | 2.82 | 2.76 | 2.77 | 2.72 | 2.72 | 2.73 | 2.74 | 2.77 | 2.77 | 2.82 | 2.83 |
| 20 | g ($z_{11}-z_{20}$) | [J/kg] | 30.97 | 31.12 | 31.69 | 31.59 | 32.15 | 32.13 | 32.05 | 31.93 | 31.60 | 31.58 | 31.13 | 31.09 |
| 21 | $\delta E_{m,ht}$ | [J/kg] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | dT/dt | [C/min] | -0.0040 | -0.0040 | -0.0038 | -0.0036 | -0.0030 | -0.0030 | -0.0033 | -0.0035 | -0.0036 | -0.0037 | -0.0032 | -0.0052 |
| 23 | t_a-t | [s] | -19.10 | -19.03 | -20.58 | -20.67 | -22.60 | -22.61 | -25.48 | -25.56 | -29.55 | -29.52 | -33.72 | -33.77 |
| 24 | $\delta E_{m,grad}$ | [J/kg] | 5.34 | 5.32 | 5.46 | 5.20 | 4.74 | 4.74 | 5.87 | 6.25 | 7.43 | 7.63 | 7.54 | 12.27 |
| 25 | E_m | [J/kg] | 6146.56 | 6151.65 | 6179.18 | 6183.44 | 6214.36 | 6211.29 | 6228.36 | 6222.75 | 6222.94 | 6212.93 | 6195.77 | 6197.33 |
| Specific hydraulic energy | | | | | | | | | | | | | | |
| | Operating point | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | Measuring point | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| | Time | 08.40 | 08.48 | 09.19 | 09.23 | 09.35 | 09.37 | 09.52 | 09.55 | 10.07 | 10.09 | 10.30 | 10.32 | |
| 40 | p_{m1} | [bar] | 67.094 | 67.084 | 67.334 | 67.352 | 67.618 | 67.599 | 67.817 | 67.775 | 67.902 | 67.895 | 67.902 | 67.903 |
| 41 | $z_{m1}-z_1$ | [m] | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 |
| 42 | p_1 | [bar] | 67.398 | 67.388 | 67.638 | 67.656 | 67.922 | 67.903 | 68.121 | 68.080 | 68.206 | 68.199 | 68.206 | 68.207 |
| 43 | T_{11} | [°C] | 4.8891 | 4.8307 | 4.7143 | 4.6565 | 4.5985 | 4.5832 | 4.5507 | 4.5409 | 4.4990 | 4.4835 | 4.4338 | 4.4113 |
| 44 | $[(p_1+p_{11})/2]_{abs}$ | [bar] | 62.657 | 63.196 | 63.166 | 64.090 | 64.619 | 64.734 | 64.500 | 64.394 | 64.604 | 64.690 | 64.028 | 64.276 |
| 45 | 1000*a | [m³/kg] | 0.9878 | 0.9880 | 0.9885 | 0.9886 | 0.9887 | 0.9888 | 0.9890 | 0.9890 | 0.9891 | 0.9892 | 0.9895 | 0.9895 |
| 46 | c_p | [J/kg°C] | 4177.15 | 4176.97 | 4177.06 | 4176.72 | 4176.54 | 4176.50 | 4176.62 | 4176.66 | 4176.60 | 4176.58 | 4176.87 | 4176.78 |
| 47 | T_1 | [°C] | 4.6019 | 4.5693 | 4.4437 | 4.4287 | 4.3868 | 4.3779 | 4.3270 | 4.3142 | 4.2789 | 4.2678 | 4.1882 | 4.1774 |
| 48 | $p_{1,abs}/2$ | [bar] | 34.562 | 34.558 | 34.683 | 34.691 | 34.825 | 34.815 | 34.924 | 34.903 | 34.966 | 34.963 | 34.967 | 34.967 |
| 49 | ρ | [kg/m³] | 1001.59 | 1001.59 | 1001.60 | 1001.60 | 1001.61 | 1001.61 | 1001.62 | 1001.62 | 1001.62 | 1001.62 | 1001.62 | 1001.62 |
| 50 | p_2/ρ | [J/kg] | 6729.04 | 6728.11 | 6753.00 | 6754.76 | 6781.32 | 6779.40 | 6801.15 | 6796.97 | 6809.54 | 6808.90 | 6809.60 | 6809.68 |
| 51 | Q | [m³/s] | 15.441 | 15.430 | 13.934 | 13.925 | 12.438 | 12.444 | 11.020 | 11.030 | 9.603 | 9.619 | 8.518 | 8.516 |
| 52 | $(v_1^2)/2$ | [J/kg] | 93.20 | 93.06 | 75.89 | 75.79 | 60.47 | 60.53 | 47.47 | 47.56 | 36.05 | 36.17 | 28.36 | 28.35 |
| 53 | g (z_1-z_2) | [m] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | E | [J/kg] | 6822.24 | 6821.17 | 6828.90 | 6830.55 | 6841.79 | 6839.93 | 6848.62 | 6844.53 | 6845.58 | 6845.07 | 6837.97 | 6838.04 |
| 55 | H | [m] | 696.71 | 696.60 | 697.39 | 697.56 | 698.70 | 698.52 | 699.40 | 698.99 | 699.09 | 699.04 | 698.31 | 698.32 |
| Power | | | | | | | | | | | | | | |
| 56 | P_{Gen} | [kW] | 93797 | 93807 | 85054 | 85057 | 76306 | 76307 | 67697 | 67702 | 58864 | 58868 | 51911 | 51912 |
| 57 | η_{Gen} | [%] | 98.77 | 98.77 | 98.73 | 98.73 | 98.68 | 98.68 | 98.61 | 98.61 | 98.49 | 98.49 | 98.37 | 98.37 |
| 58 | P_{Tu} | [kW] | 94970 | 94979 | 86147 | 86149 | 77327 | 77328 | 68655 | 68660 | 59765 | 59769 | 52773 | 52774 |
| Bearing | | | | | | | | | | | | | | |
| 59 | $P_{L,T}$ | [kW] | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 60 | P_m | [kW] | 95060 | 95069 | 86237 | 86239 | 77417 | 77418 | 68745 | 68750 | 59855 | 59859 | 52863 | 52864 |
| Efficiency | | | | | | | | | | | | | | |
| 61 | η_h | [%] | 90.10 | 90.18 | 90.49 | 90.53 | 90.83 | 90.81 | 90.94 | 90.92 | 90.90 | 90.76 | 90.61 | 90.63 |
| 62 | Q_{thermo} | [m³/s] | 15.441 | 15.430 | 13.934 | 13.925 | 12.438 | 12.444 | 11.020 | 11.030 | 9.603 | 9.619 | 8.518 | 8.516 |
| 63 | $\eta_{Tu,thermo}$ | [%] | 90.01 | 90.10 | 90.39 | 90.43 | 90.72 | 90.70 | 90.82 | 90.80 | 90.77 | 90.63 | 90.45 | 90.48 |
| Conversion to specified speed | | | | | | | | | | | | | | |
| 64 | $H_{sp,n}$ | [m] | 697.79 | 695.60 | 696.35 | 697.64 | 699.37 | 698.93 | 699.64 | 698.54 | 699.11 | 698.78 | 698.04 | 698.17 |
| 65 | $P_{sp,n}$ | [kW] | 95192 | 94775 | 85954 | 86164 | 77438 | 77397 | 68689 | 68594 | 59767 | 59735 | 52742 | 52757 |
| 66 | $Q_{sp,n}$ | [m³/s] | 15.453 | 15.419 | 13.923 | 13.925 | 12.444 | 12.448 | 11.021 | 11.027 | 9.603 | 9.617 | 8.517 | 8.515 |
| Conversion to specified head | | | | | | | | | | | | | | |
| 67 | H_{sp} | [m] | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 |
| 68 | Q_{sp} | [m³/s] | 15.366 | 15.356 | 13.860 | 13.849 | 12.360 | 12.368 | 10.945 | 10.959 | 9.540 | 9.557 | 8.467 | 8.466 |
| 69 | $\Delta\eta_{Tu}$ | [%] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70 | η_{Tu} | [%] | 90.01 | 90.10 | 90.39 | 90.43 | 90.72 | 90.70 | 90.82 | 90.80 | 90.77 | 90.63 | 90.45 | 90.48 |
| 71 | P_{sp} | [kW] | 93601 | 93633 | 84781 | 84753 | 75886 | 75918 | 67275 | 67340 | 58603 | 58613 | 51833 | 51834 |

| EVALUATION | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Specific mechanical energy | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Operating point | | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 |
| | Measuring point | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | Time | | 11.00 | 11.02 | 11.26 | 11.29 | 11.59 | 12.02 | 12.20 | 12.22 | 12.40 | 12.43 | 13.18 | 13.20 |
| 1 | p_{m11} | [bar] | 59.003 | 58.949 | 58.022 | 57.379 | 61.266 | 60.635 | 62.127 | 61.993 | 59.374 | 59.431 | 58.585 | 57.971 |
| 2 | $z_{m11}-z_{11}$ | [m] | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 |
| 3 | p_{11} | [bar] | 59.307 | 59.253 | 58.326 | 57.683 | 61.570 | 60.939 | 62.431 | 62.297 | 59.678 | 59.735 | 58.889 | 58.275 |
| 4 | T_{11} | [°C] | 4.2399 | 4.2315 | 4.1337 | 4.1322 | 3.9069 | 3.9143 | 3.8201 | 3.8161 | 3.8300 | 3.8209 | 3.7614 | 3.7690 |
| 5 | T_{20} | [°C] | 4.1883 | 4.1771 | 4.0585 | 4.0424 | 3.9070 | 3.8965 | 3.8394 | 3.8324 | 3.7855 | 3.7780 | 3.6903 | 3.6840 |
| 6 | $(T_{11}+T_{20})/2$ | [°C] | 4.2141 | 4.2043 | 4.0961 | 4.0873 | 3.9070 | 3.9054 | 3.8297 | 3.8243 | 3.8077 | 3.7995 | 3.7258 | 3.7265 |
| 7 | $[(p_{11}+p_{20})]_{abs}/2$ | [bar] | 30.517 | 30.490 | 30.026 | 29.705 | 31.648 | 31.333 | 32.079 | 32.012 | 30.702 | 30.731 | 30.308 | 30.001 |
| 8 | ρ | [kg/m³] | 1001.40 | 1001.40 | 1001.38 | 1001.36 | 1001.46 | 1001.44 | 1001.48 | 1001.48 | 1001.41 | 1001.42 | 1001.39 | 1001.38 |
| 9 | 1000 a | [m³/kg] | 0.9950 | 0.9950 | 0.9956 | 0.9957 | 0.9961 | 0.9962 | 0.9964 | 0.9964 | 0.9967 | 0.9967 | 0.9971 | 0.9972 |
| 10 | c_p | [J/kg/°C] | 4190.87 | 4190.89 | 4191.18 | 4191.32 | 4190.64 | 4190.77 | 4190.51 | 4190.55 | 4191.12 | 4191.11 | 4191.35 | 4191.48 |
| 11 | a ($p_{11}-p_{20}$) | [J/kg] | 5901.03 | 5895.98 | 5806.75 | 5743.20 | 6133.24 | 6070.71 | 6220.73 | 6207.60 | 5948.09 | 5954.01 | 5871.88 | 5810.87 |
| 12 | cp ($T_{11}-T_{20}$) | [J/kg] | 216.43 | 227.78 | 315.21 | 376.65 | -0.35 | 74.31 | -81.17 | -68.11 | 186.28 | 179.98 | 298.08 | 356.37 |
| 13 | q_{11} | [l/min] | 8.2 | 8.1 | 8.7 | 8.9 | 7.2 | 7.2 | 6.6 | 6.7 | 8.1 | 8.0 | 8.6 | 8.6 |
| 14 | $v_{11}^2/2$ | [J/kg] | 0.26 | 0.26 | 0.30 | 0.31 | 0.20 | 0.20 | 0.17 | 0.18 | 0.26 | 0.25 | 0.29 | 0.29 |
| 15 | p_{m20} | [bar] | 0.2747 | 0.2748 | 0.2724 | 0.2723 | 0.2690 | 0.2687 | 0.2726 | 0.2727 | 0.2725 | 0.2729 | 0.2769 | 0.2767 |
| 16 | Q | [m³/s] | 8.400 | 8.390 | 8.078 | 8.077 | 7.252 | 7.241 | 6.450 | 6.450 | 5.649 | 5.652 | 7.253 | 7.254 |
| 17 | $v_{20}^2/2$ | [J/kg] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | z_{20} | [m] | 1326.32 | 1326.32 | 1326.30 | 1326.30 | 1326.26 | 1326.26 | 1326.30 | 1326.30 | 1326.30 | 1326.30 | 1326.34 | 1326.34 |
| 19 | $z_{20}-z_k$ | [m] | 2.82 | 2.82 | 2.80 | 2.80 | 2.76 | 2.76 | 2.80 | 2.80 | 2.80 | 2.80 | 2.84 | 2.84 |
| 20 | g ($z_{11}-z_{20}$) | [J/kg] | 31.12 | 31.11 | 31.36 | 31.36 | 31.69 | 31.72 | 31.34 | 31.32 | 31.34 | 31.30 | 30.91 | 30.93 |
| 21 | $\delta E_{m,ht}$ | [J/kg] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | dT/dt | [C/min] | -0.0039 | -0.0042 | -0.0043 | -0.0055 | -0.0038 | -0.0028 | -0.0032 | -0.0032 | -0.0025 | -0.0018 | -0.0019 | -0.0026 |
| 23 | t_a-t | [s] | -34.19 | -34.24 | -35.24 | -35.24 | -38.72 | -38.74 | -43.95 | -43.96 | -50.03 | -50.08 | -39.73 | -39.70 |
| 24 | $\delta E_{m,grad}$ | [J/kg] | 9.31 | 10.04 | 10.59 | 13.54 | 10.28 | 7.58 | 9.82 | 9.83 | 8.74 | 6.30 | 5.27 | 7.21 |
| 25 | E_m | [J/kg] | 6158.16 | 6165.18 | 6164.21 | 6165.07 | 6175.07 | 6184.52 | 6180.89 | 6180.81 | 6174.71 | 6171.84 | 6206.44 | 6205.67 |
| Specific hydraulic energy | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Operating point | | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 |
| | Measuring point | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | Time | | 11.00 | 11.02 | 11.26 | 11.29 | 11.59 | 12.02 | 12.20 | 12.22 | 12.40 | 12.43 | 13.18 | 13.20 |
| 40 | p_{m1} | [bar] | 67.869 | 67.869 | 67.907 | 67.907 | 68.039 | 68.046 | 68.067 | 68.059 | 68.098 | 68.099 | 67.896 | 67.892 |
| 41 | $z_{m1}-z_1$ | [m] | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 |
| 42 | p_1 | [bar] | 68.173 | 68.173 | 68.211 | 68.211 | 68.343 | 68.350 | 68.371 | 68.363 | 68.402 | 68.403 | 68.200 | 68.196 |
| 43 | T_{11} | [°C] | 4.2399 | 4.2315 | 4.1337 | 4.1322 | 3.9069 | 3.9143 | 3.8201 | 3.8161 | 3.8300 | 3.8209 | 3.7614 | 3.7690 |
| 44 | $[(p_1+p_{11})/2]_{abs}$ | [bar] | 64.603 | 64.577 | 64.132 | 63.810 | 65.820 | 65.508 | 66.265 | 66.194 | 64.903 | 64.932 | 64.408 | 64.099 |
| 45 | 1000*a | [m³/kg] | 0.9902 | 0.9902 | 0.9907 | 0.9907 | 0.9914 | 0.9914 | 0.9917 | 0.9917 | 0.9918 | 0.9919 | 0.9922 | 0.9922 |
| 46 | c_p | [J/kg/°C] | 4176.75 | 4176.76 | 4176.99 | 4177.12 | 4176.42 | 4176.54 | 4176.28 | 4176.31 | 4176.83 | 4176.82 | 4177.06 | 4177.18 |
| 47 | T_1 | [°C] | 4.0231 | 4.0134 | 3.8932 | 3.8765 | 3.7413 | 3.7335 | 3.6751 | 3.6682 | 3.6199 | 3.6122 | 3.5354 | 3.5285 |
| 48 | $p_{1,abs}/2$ | [bar] | 34.950 | 34.950 | 34.969 | 34.969 | 35.035 | 35.039 | 35.049 | 35.045 | 35.064 | 35.065 | 34.963 | 34.961 |
| 49 | ρ | [kg/m³] | 1001.62 | 1001.62 | 1001.62 | 1001.62 | 1001.63 | 1001.63 | 1001.63 | 1001.63 | 1001.63 | 1001.63 | 1001.62 | 1001.62 |
| 50 | p_2/ρ | [J/kg] | 6806.31 | 6806.28 | 6810.04 | 6810.10 | 6823.24 | 6823.94 | 6826.03 | 6825.22 | 6829.09 | 6829.15 | 6808.93 | 6808.55 |
| 51 | Q | [m³/s] | 8.400 | 8.390 | 8.078 | 8.077 | 7.252 | 7.241 | 6.450 | 6.450 | 5.649 | 5.652 | 7.253 | 7.254 |
| 52 | $(v_1^2)/2$ | [J/kg] | 27.58 | 27.52 | 25.51 | 25.50 | 20.56 | 20.50 | 16.26 | 16.26 | 12.48 | 12.49 | 20.56 | 20.57 |
| 53 | g (z_1-z_2) | [m] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | E | [J/kg] | 6833.89 | 6833.80 | 6835.55 | 6835.60 | 6843.80 | 6844.43 | 6842.29 | 6841.49 | 6841.56 | 6841.64 | 6829.50 | 6829.12 |
| 55 | H | [m] | 697.90 | 697.89 | 698.07 | 698.07 | 698.91 | 698.97 | 698.76 | 698.67 | 698.68 | 698.69 | 697.45 | 697.41 |
| Power | | | | | | | | | | | | | | |
| 56 | P_{Gen} | [kW] | 50864 | 50865 | 48936 | 48937 | 43941 | 43941 | 39037 | 39038 | 34065 | 34066 | 44175 | 44174 |
| 57 | η_{Gen} | [%] | 98.34 | 98.34 | 98.30 | 98.30 | 98.16 | 98.16 | 97.98 | 97.98 | 97.75 | 97.75 | 98.17 | 98.17 |
| 58 | P_{Tu} | [kW] | 51721 | 51721 | 49783 | 49784 | 44764 | 44764 | 39840 | 39841 | 34850 | 34851 | 44999 | 44998 |
| Bearing | | | | | | | | | | | | | | |
| 59 | $P_{L,T}$ | [kW] | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 60 | P_m | [kW] | 51811 | 51811 | 49873 | 49874 | 44854 | 44855 | 39930 | 39931 | 34940 | 34941 | 45089 | 45089 |
| Efficiency | | | | | | | | | | | | | | |
| 61 | η_h | [%] | 90.11 | 90.22 | 90.18 | 90.19 | 90.23 | 90.36 | 90.33 | 90.34 | 90.25 | 90.21 | 90.88 | 90.87 |
| 62 | Q_{thermo} | [m³/s] | 8.400 | 8.390 | 8.078 | 8.077 | 7.252 | 7.241 | 6.450 | 6.450 | 5.649 | 5.652 | 7.253 | 7.254 |
| 63 | $\eta_{Tu,thermo}$ | [%] | 89.96 | 90.06 | 90.02 | 90.03 | 90.05 | 90.18 | 90.13 | 90.14 | 90.02 | 89.98 | 90.70 | 90.69 |
| Conversion to specified speed | | | | | | | | | | | | | | |
| 64 | $H_{sp,n}$ | [m] | 697.68 | 698.00 | 697.92 | 698.47 | 697.97 | 698.80 | 698.34 | 698.69 | 698.32 | 698.44 | 697.55 | 697.42 |
| 65 | $P_{sp,n}$ | [kW] | 51696 | 51734 | 49767 | 49826 | 44674 | 44748 | 39804 | 39842 | 34823 | 34832 | 45009 | 44999 |
| 66 | $Q_{sp,n}$ | [m³/s] | 8.398 | 8.391 | 8.077 | 8.079 | 7.247 | 7.240 | 6.448 | 6.450 | 5.648 | 5.651 | 7.254 | 7.254 |
| Conversion to specified head | | | | | | | | | | | | | | |
| 67 | H_{sp} | [m] | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 |
| 68 | Q_{sp} | [m³/s] | 8.352 | 8.343 | 8.031 | 8.030 | 7.206 | 7.194 | 6.409 | 6.410 | 5.614 | 5.617 | 7.214 | 7.215 |
| 69 | $\Delta\eta_{Tu}$ | [%] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70 | η_{Tu} | [%] | 89.96 | 90.06 | 90.02 | 90.03 | 90.05 | 90.18 | 90.13 | 90.14 | 90.02 | 89.98 | 90.70 | 90.69 |
| 71 | P_{so} | [kW] | 50845 | 50847 | 48923 | 48923 | 43911 | 43905 | 39093 | 39101 | 34203 | 34203 | 44280 | 44283 |

| EVALUATION | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Specific mechanical energy | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Operating point | | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 |
| | Measuring point | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| | Time | | 13.39 | 13.41 | 13.58 | 14.00 | 14.40 | 14.44 | 15.12 | 15.17 | 15.30 | 15.33 | 15.45 | 15.48 |
| | | | | | | | | | | | | | | |
| 1 | p_{m11} | [bar] | 59.197 | 58.641 | 58.370 | 57.937 | 58.339 | 58.683 | 57.658 | 57.115 | 58.061 | 57.093 | 58.879 | 58.831 |
| 2 | $z_{m11}-z_{11}$ | [m] | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 |
| 3 | p_{11} | [bar] | 59.501 | 58.945 | 58.674 | 58.241 | 58.643 | 58.987 | 57.962 | 57.419 | 58.365 | 57.397 | 59.182 | 59.135 |
| 4 | T_{11} | [°C] | 3.6948 | 3.7019 | 3.6727 | 3.6769 | 3.6343 | 3.6289 | 3.6984 | 3.7254 | 3.7770 | 3.8160 | 3.8670 | 3.8916 |
| 5 | T_{20} | [°C] | 3.6361 | 3.6306 | 3.5972 | 3.5904 | 3.5591 | 3.5594 | 3.6000 | 3.6137 | 3.6864 | 3.7001 | 3.7909 | 3.8145 |
| 6 | $(T_{11}+T_{20})/2$ | [°C] | 3.6655 | 3.6662 | 3.6349 | 3.6337 | 3.5967 | 3.5942 | 3.6492 | 3.6695 | 3.7317 | 3.7580 | 3.8289 | 3.8531 |
| 7 | $[(p_{11}+p_{20})]_{abs}/2$ | [bar] | 30.614 | 30.336 | 30.200 | 29.984 | 30.185 | 30.357 | 29.844 | 29.573 | 30.046 | 29.562 | 30.455 | 30.431 |
| 8 | ρ | [kg/m³] | 1001.41 | 1001.40 | 1001.39 | 1001.38 | 1001.39 | 1001.40 | 1001.37 | 1001.36 | 1001.38 | 1001.36 | 1001.40 | 1001.40 |
| 9 | 1000 a | [m³/kg] | 0.9973 | 0.9974 | 0.9975 | 0.9976 | 0.9977 | 0.9977 | 0.9975 | 0.9975 | 0.9971 | 0.9971 | 0.9966 | 0.9965 |
| 10 | c_p | [J/kg/°C] | 4191.27 | 4191.39 | 4191.47 | 4191.56 | 4191.50 | 4191.43 | 4191.61 | 4191.71 | 4191.46 | 4191.65 | 4191.21 | 4191.20 |
| 11 | a ($p_{11}-p_{20}$) | [J/kg] | 5934.16 | 5878.90 | 5852.81 | 5809.86 | 5850.65 | 5884.94 | 5781.70 | 5727.26 | 5819.66 | 5722.97 | 5898.42 | 5893.14 |
| 12 | cp ($T_{11}-T_{20}$) | [J/kg] | 246.18 | 298.94 | 316.32 | 362.67 | 315.12 | 291.24 | 412.53 | 468.22 | 379.85 | 485.61 | 319.18 | 323.32 |
| 13 | q_{11} | [l/min] | 8.2 | 8.6 | 8.2 | 8.4 | 8.5 | 8.3 | 9.0 | 9.0 | 8.5 | 9.0 | 8.2 | 8.2 |
| 14 | $v_{11}^2/2$ | [J/kg] | 0.26 | 0.29 | 0.26 | 0.28 | 0.28 | 0.27 | 0.32 | 0.32 | 0.28 | 0.32 | 0.26 | 0.26 |
| 15 | p_{m20} | [bar] | 0.2736 | 0.2735 | 0.2732 | 0.2733 | 0.2752 | 0.2758 | 0.2717 | 0.2738 | 0.2750 | 0.2760 | 0.2766 | 0.2765 |
| 16 | Q | [m³/s] | 6.435 | 6.430 | 5.623 | 5.624 | 8.203 | 8.188 | 5.636 | 5.639 | 5.002 | 4.993 | 4.372 | 4.376 |
| 17 | $v_{20}^2/2$ | [J/kg] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | z_{20} | [m] | 1326.31 | 1326.31 | 1326.31 | 1326.31 | 1326.33 | 1326.33 | 1326.29 | 1326.31 | 1326.32 | 1326.33 | 1326.34 | 1326.34 |
| 19 | $z_{20}-z_k$ | [m] | 2.81 | 2.81 | 2.81 | 2.81 | 2.83 | 2.83 | 2.79 | 2.81 | 2.82 | 2.83 | 2.84 | 2.84 |
| 20 | g ($z_{11}-z_{20}$) | [J/kg] | 31.24 | 31.24 | 31.27 | 31.26 | 31.07 | 31.02 | 31.43 | 31.21 | 31.09 | 30.99 | 30.93 | 30.95 |
| 21 | $\delta E_{m,HT}$ | [J/kg] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | dT/dt | [C/min] | -0.0013 | -0.0035 | -0.0038 | -0.0027 | 0.0004 | 0.0002 | 0.0027 | 0.0039 | 0.0057 | 0.0052 | 0.0093 | 0.0102 |
| 23 | t_a-t | [s] | -44.19 | -44.22 | -50.38 | -50.39 | -35.05 | -35.17 | -50.00 | -50.34 | -56.86 | -57.14 | -65.27 | -65.18 |
| 24 | $\delta E_{m,grad}$ | [J/kg] | 4.01 | 10.81 | 13.37 | 9.50 | -0.98 | -0.49 | -9.43 | -13.72 | -22.64 | -20.76 | -42.40 | -46.44 |
| 25 | E_m | [J/kg] | 6215.85 | 6220.18 | 6214.03 | 6213.57 | 6196.15 | 6206.98 | 6216.54 | 6213.29 | 6208.24 | 6219.13 | 6206.39 | 6201.23 |
| Specific hydraulic energy | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Operating point | | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 |
| | Measuring point | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| | Time | | 13.39 | 13.41 | 13.58 | 14.00 | 14.40 | 14.44 | 15.12 | 15.17 | 15.30 | 15.33 | 15.45 | 15.48 |
| | | | | | | | | | | | | | | |
| 40 | p_{m1} | [bar] | 67.965 | 67.977 | 68.030 | 68.037 | 67.861 | 67.865 | 68.109 | 68.088 | 68.108 | 68.117 | 68.139 | 68.139 |
| 41 | $z_{m1}-z_1$ | [m] | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 |
| 42 | p_1 | [bar] | 68.269 | 68.281 | 68.334 | 68.341 | 68.165 | 68.169 | 68.413 | 68.392 | 68.412 | 68.421 | 68.443 | 68.443 |
| 43 | T_{11} | [°C] | 3.6948 | 3.7019 | 3.6727 | 3.6769 | 3.6343 | 3.6289 | 3.6984 | 3.7254 | 3.7770 | 3.8160 | 3.8670 | 3.8916 |
| 44 | $[(p_1+p_{11})/2]_{abs}$ | [bar] | 64.748 | 64.476 | 64.368 | 64.154 | 64.267 | 64.442 | 64.051 | 63.769 | 64.252 | 63.773 | 64.676 | 64.652 |
| 45 | 1000*a | [m³/kg] | 0.9924 | 0.9924 | 0.9926 | 0.9926 | 0.9927 | 0.9927 | 0.9925 | 0.9924 | 0.9921 | 0.9921 | 0.9917 | 0.9916 |
| 46 | c_p | [J/kg/°C] | 4176.95 | 4177.06 | 4177.12 | 4177.20 | 4177.18 | 4177.11 | 4177.24 | 4177.34 | 4177.12 | 4177.30 | 4176.90 | 4176.90 |
| 47 | T_1 | [°C] | 3.4827 | 3.4763 | 3.4402 | 3.4340 | 3.4017 | 3.4045 | 3.4472 | 3.4618 | 3.5361 | 3.5519 | 3.6454 | 3.6689 |
| 48 | $p_{1,abs}/2$ | [bar] | 34.998 | 35.004 | 35.031 | 35.034 | 34.946 | 34.948 | 35.070 | 35.060 | 35.070 | 35.074 | 35.085 | 35.085 |
| 49 | ρ | [kg/m³] | 1001.63 | 1001.63 | 1001.63 | 1001.63 | 1001.62 | 1001.62 | 1001.63 | 1001.63 | 1001.63 | 1001.63 | 1001.63 | 1001.63 |
| 50 | p_2/ρ | [J/kg] | 6815.85 | 6817.06 | 6822.34 | 6822.98 | 6805.48 | 6805.88 | 6830.16 | 6828.12 | 6830.09 | 6830.98 | 6833.13 | 6833.12 |
| 51 | Q | [m³/s] | 6.435 | 6.430 | 5.623 | 5.624 | 8.203 | 8.188 | 5.636 | 5.639 | 5.002 | 4.993 | 4.372 | 4.376 |
| 52 | $(v_1^2)/2$ | [J/kg] | 16.18 | 16.16 | 12.36 | 12.36 | 26.30 | 26.21 | 12.42 | 12.43 | 9.78 | 9.75 | 7.47 | 7.48 |
| 53 | g (z_1-z_2) | [m] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | E | [J/kg] | 6832.03 | 6833.22 | 6834.70 | 6835.34 | 6831.78 | 6832.09 | 6842.58 | 6840.55 | 6839.87 | 6840.73 | 6840.60 | 6840.61 |
| 55 | H | [m] | 697.71 | 697.83 | 697.98 | 698.05 | 697.68 | 697.71 | 698.79 | 698.58 | 698.51 | 698.60 | 698.58 | 698.58 |
| Power | | | | | | | | | | | | | | |
| 56 | P_{Gen} | [kW] | 39167 | 39167 | 34124 | 34125 | 49967 | 49966 | 34219 | 34220 | 30242 | 30242 | 26326 | 26326 |
| 57 | η_{Gen} | [%] | 97.99 | 97.99 | 97.75 | 97.75 | 98.32 | 98.32 | 97.76 | 97.76 | 97.51 | 97.51 | 97.19 | 97.19 |
| 58 | P_{Tu} | [kW] | 39971 | 39971 | 34909 | 34910 | 50819 | 50818 | 35004 | 35005 | 31014 | 31015 | 27088 | 27088 |
| Bearing | | | | | | | | | | | | | | |
| 59 | $P_{L,T}$ | [kW] | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 60 | P_m | [kW] | 40061 | 40061 | 34999 | 35000 | 50910 | 50908 | 35095 | 35095 | 31105 | 31105 | 27178 | 27178 |
| Efficiency | | | | | | | | | | | | | | |
| 61 | η_h | [%] | 90.98 | 91.03 | 90.92 | 90.90 | 90.70 | 90.85 | 90.85 | 90.83 | 90.77 | 90.91 | 90.73 | 90.65 |
| 62 | Q_{thermo} | [m3/s] | 6.435 | 6.430 | 5.623 | 5.624 | 8.203 | 8.188 | 5.636 | 5.639 | 5.002 | 4.993 | 4.372 | 4.376 |
| 63 | $\eta_{Tu,thermo}$ | [%] | 90.78 | 90.82 | 90.68 | 90.67 | 90.54 | 90.69 | 90.62 | 90.60 | 90.50 | 90.65 | 90.43 | 90.35 |
| Conversion to specified speed | | | | | | | | | | | | | | |
| 64 | $H_{sp,n}$ | [m] | 697.98 | 698.32 | 697.80 | 697.75 | 697.26 | 697.55 | 699.73 | 698.89 | 697.77 | 697.36 | 698.53 | 697.95 |
| 65 | $P_{sp,n}$ | [kW] | 39994 | 40013 | 34895 | 34888 | 50773 | 50799 | 35076 | 35029 | 30965 | 30933 | 27085 | 27051 |
| 66 | $Q_{sp,n}$ | [m³/s] | 6.436 | 6.432 | 5.622 | 5.622 | 8.200 | 8.187 | 5.640 | 5.641 | 4.999 | 4.989 | 4.372 | 4.374 |
| Conversion to specified head | | | | | | | | | | | | | | |
| 67 | H_{sp} | [m] | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 | 690.00 |
| 68 | Q_{sp} | [m³/s] | 6.399 | 6.394 | 5.591 | 5.591 | 8.158 | 8.143 | 5.601 | 5.605 | 4.972 | 4.963 | 4.345 | 4.349 |
| 69 | $\Delta\eta_{Tu}$ | [%] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70 | η_{Tu} | [%] | 90.78 | 90.82 | 90.68 | 90.67 | 90.54 | 90.69 | 90.62 | 90.60 | 90.50 | 90.65 | 90.43 | 90.35 |
| 71 | P_{so} | [kW] | 39310 | 39300 | 34312 | 34308 | 49982 | 49977 | 34346 | 34362 | 30449 | 30444 | 26590 | 26590 |

| Uncertainty | | | | | | | | | | | | | |
|-------------|-----------------------------------|-----|--------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | | | | | |
| | $k=t/n^{0.5} = 0.367$ | | | Applying the student's factor | | | | | | | | | |
| | | | | | | | | | | | | | |
| | Operating point | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 |
| | Measuring point | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | | | | | | | | | |
| | Specific hydraulic energy | | | | | | | | | | | | |
| 1 | e_{Es} [J/kg] | +/- | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 |
| 2 | $k \cdot s_{pm1}$ [bar] | +/- | 0.0016 | 0.0023 | 0.0033 | 0.0036 | 0.0026 | 0.0017 | 0.0013 | 0.0089 | 0.0026 | 0.0024 | 0.0032 |
| 3 | e_{Er} [J/kg] | +/- | 0.16 | 0.23 | 0.33 | 0.36 | 0.26 | 0.17 | 0.13 | 0.89 | 0.26 | 0.24 | 0.32 |
| 4 | e_{Ev1} [J/kg] | +/- | 1.85 | 1.80 | 1.45 | 1.49 | 1.15 | 1.19 | 0.90 | 0.91 | 0.69 | 0.69 | 0.54 |
| 5 | e_{Ez} [J/kg] | +/- | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 6 | e_e [J/kg] | +/- | 10.16 | 10.15 | 10.09 | 10.10 | 10.05 | 10.06 | 10.03 | 10.06 | 10.01 | 10.01 | 10.00 |
| 7 | f_H [%] | +/- | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| | Specific mechanical energy | | | | | | | | | | | | |
| 8 | e_{Es} [J/kg] | +/- | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 |
| 9 | $k \cdot s_{pm1}$ [bar] | +/- | 0.1373 | 0.0853 | 0.0504 | 0.1146 | 0.0145 | 0.1155 | 0.0149 | 0.0330 | 0.0632 | 0.0748 | 0.0233 |
| 10 | $k \cdot s_{p20}$ [bar] | +/- | 0.0011 | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0009 | 0.0005 | 0.0008 | 0.0004 | 0.0004 | 0.0004 |
| 11 | $1000e_a$ [m³/kg] | +/- | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 |
| 12 | $e_a(p_{11}-p_{20})$ [J/kg] | +/- | 11.16 | 11.37 | 11.32 | 11.68 | 11.84 | 11.89 | 11.76 | 11.72 | 11.78 | 11.82 | 11.56 |
| 13 | αs_{p11} [J/kg] | +/- | 13.63 | 8.47 | 5.00 | 11.38 | 1.44 | 11.48 | 1.48 | 3.28 | 6.28 | 7.43 | 2.32 |
| 14 | αs_{p20} [J/kg] | +/- | 0.11 | 0.09 | 0.09 | 0.10 | 0.09 | 0.09 | 0.05 | 0.08 | 0.04 | 0.04 | 0.04 |
| 15 | e_{Ep} [J/kg] | +/- | 20.25 | 17.34 | 15.90 | 19.12 | 15.55 | 19.31 | 15.49 | 15.75 | 16.67 | 17.16 | 15.45 |
| 16 | $s_{T20,mean}$ [°C] | +/- | 0.0024 | 0.0024 | 0.0023 | 0.0022 | 0.0018 | 0.0018 | 0.0020 | 0.0021 | 0.0021 | 0.0022 | 0.0020 |
| 17 | e_{cp} [J/kg/°C] | +/- | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 | 20.95 |
| 18 | $e_{dT=0}$ [°C] | +/- | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 |
| 19 | e_{E10} [J/kg] | +/- | 12.29 | 12.30 | 12.36 | 12.37 | 12.43 | 12.42 | 12.46 | 12.45 | 12.45 | 12.43 | 12.39 |
| 20 | e_{E20} [J/kg] | +/- | 30.73 | 30.76 | 30.90 | 30.92 | 31.07 | 31.06 | 31.14 | 31.11 | 31.11 | 31.06 | 30.98 |
| 21 | $k \cdot c_p s_{T11}$ [J/kg] | +/- | 11.67 | 7.30 | 4.04 | 11.01 | 1.53 | 10.84 | 2.32 | 2.24 | 4.04 | 3.61 | 1.12 |
| 22 | $k \cdot c_p s_{T20}$ [J/kg] | +/- | 3.68 | 3.76 | 3.49 | 3.32 | 2.81 | 2.79 | 3.02 | 3.24 | 3.30 | 3.44 | 3.01 |
| 23 | $c_p e_{dT=0}$ [J/kg] | +/- | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 |
| 24 | $(T_{11}-T_{20})e_{cp}$ [J/kg] | +/- | 2.66 | 2.14 | 2.42 | 1.53 | 1.29 | 1.15 | 1.56 | 1.61 | 1.46 | 1.32 | 1.89 |
| 25 | e_{ET} [J/kg] | +/- | 35.64 | 34.45 | 34.05 | 35.51 | 33.90 | 35.54 | 34.05 | 34.04 | 34.20 | 34.11 | 33.83 |
| 26 | e_{Ev11} [J/kg] | +/- | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 27 | e_{Ev20} [J/kg] | +/- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | e_{Ev} [J/kg] | +/- | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 29 | e_{Ez} [J/kg] | +/- | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| 30 | $e_{oEm,ht}$ [J/kg] | +/- | 6.15 | 6.15 | 6.18 | 6.18 | 6.21 | 6.21 | 6.23 | 6.22 | 6.22 | 6.21 | 6.20 |
| 31 | $e_{oEm,grad}$ [J/kg] | +/- | 1.07 | 1.06 | 1.09 | 1.04 | 0.95 | 0.95 | 1.17 | 1.25 | 1.49 | 1.53 | 1.51 |
| 32 | e_{oEm} [J/kg] | +/- | 6.24 | 6.24 | 6.28 | 6.27 | 6.29 | 6.28 | 6.34 | 6.35 | 6.40 | 6.40 | 6.38 |
| 33 | e_{Em} [J/kg] | +/- | 41.46 | 39.07 | 38.10 | 40.82 | 37.83 | 40.93 | 37.94 | 38.04 | 38.59 | 38.72 | 37.74 |
| 34 | f_{Em} [%] | +/- | 0.67 | 0.64 | 0.62 | 0.66 | 0.61 | 0.66 | 0.61 | 0.61 | 0.62 | 0.62 | 0.61 |
| | Efficiency | | | | | | | | | | | | |
| 35 | f_H [%] | +/- | 0.69 | 0.65 | 0.63 | 0.68 | 0.63 | 0.68 | 0.63 | 0.63 | 0.64 | 0.64 | 0.63 |
| | Power | | | | | | | | | | | | |
| 36 | f_p [%] | +/- | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 |
| | Discharge | | | | | | | | | | | | |
| 37 | f_o [%] | +/- | 0.99 | 0.97 | 0.96 | 0.98 | 0.95 | 0.98 | 0.95 | 0.95 | 0.96 | 0.96 | 0.95 |

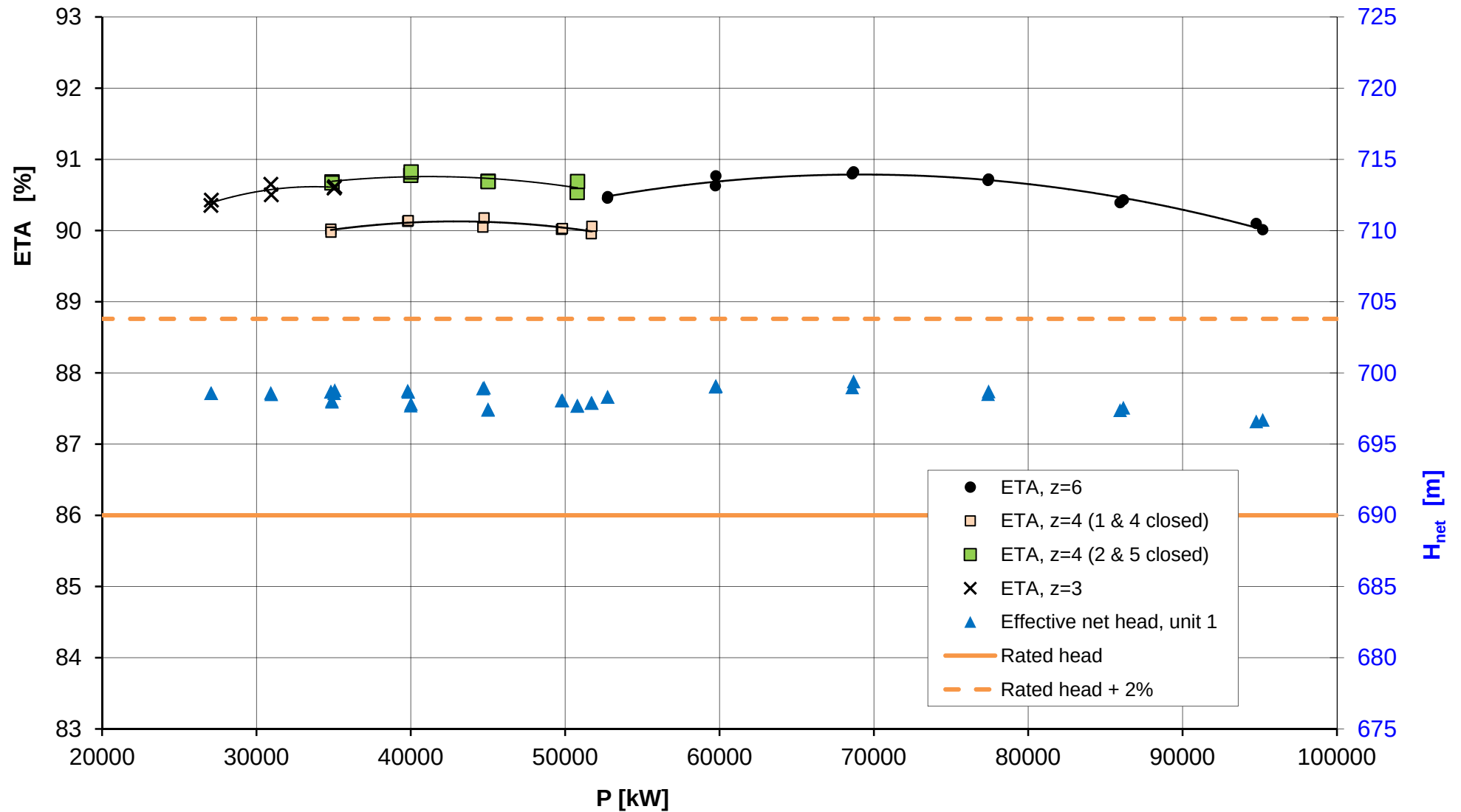
| Uncertainty | | | | | | | | | | | | | |
|---------------------------------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| $k=t/n^{0.5} = 0.367$ | | | | | | | | | | | | | |
| Operating point | | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 |
| Measuring point | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Specific hydraulic energy | | | | | | | | | | | | | |
| 1 e_{Es} [J/kg] | +/- | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 |
| 2 $k \cdot s_{pm1}$ [bar] | +/- | 0.0018 | 0.0020 | 0.0014 | 0.0019 | 0.0017 | 0.0014 | 0.0019 | 0.0017 | 0.0025 | 0.0019 | 0.0019 | 0.0021 |
| 3 e_{Er} [J/kg] | +/- | 0.18 | 0.20 | 0.14 | 0.19 | 0.17 | 0.14 | 0.19 | 0.17 | 0.25 | 0.19 | 0.19 | 0.21 |
| 4 e_{Ev1} [J/kg] | +/- | 0.53 | 0.54 | 0.49 | 0.50 | 0.40 | 0.40 | 0.31 | 0.31 | 0.25 | 0.24 | 0.39 | 0.39 |
| 5 e_{Ez} [J/kg] | +/- | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 6 e_e [J/kg] | +/- | 10.00 | 10.00 | 10.00 | 10.00 | 9.99 | 9.99 | 9.99 | 9.99 | 9.99 | 9.99 | 9.99 | 9.99 |
| 7 f_H [%] | +/- | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| Specific mechanical energy | | | | | | | | | | | | | |
| 8 e_{Es} [J/kg] | +/- | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 |
| 9 $k \cdot s_{pm1}$ [bar] | +/- | 0.0271 | 0.1099 | 0.0388 | 0.1265 | 0.0793 | 0.0807 | 0.0494 | 0.0557 | 0.1199 | 0.0904 | 0.0650 | 0.0646 |
| 10 $k \cdot s_{p20}$ [bar] | +/- | 0.0003 | 0.0002 | 0.0003 | 0.0003 | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0002 | 0.0002 | 0.0003 | 0.0004 |
| 11 $1000e_a$ [m³/kg] | +/- | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 |
| 12 $e_a(p_{11}-p_{20})$ [J/kg] | +/- | 11.80 | 11.79 | 11.61 | 11.49 | 12.27 | 12.14 | 12.44 | 12.42 | 11.90 | 11.91 | 11.74 | 11.62 |
| 13 $a \cdot s_{pm1}$ [J/kg] | +/- | 2.70 | 10.94 | 3.87 | 12.59 | 7.90 | 8.04 | 4.92 | 5.55 | 11.95 | 9.01 | 6.49 | 6.45 |
| 14 $a \cdot s_{p20}$ [J/kg] | +/- | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.04 |
| 15 e_{Ep} [J/kg] | +/- | 15.69 | 18.93 | 15.80 | 19.75 | 17.68 | 17.66 | 16.69 | 16.87 | 19.60 | 17.96 | 16.72 | 16.62 |
| 16 $s_{T20,mean}$ [°C] | +/- | 0.0024 | 0.0025 | 0.0026 | 0.0033 | 0.0023 | 0.0017 | 0.0019 | 0.0014 | 0.0015 | 0.0012 | 0.0014 | 0.0017 |
| 17 e_{cp} [J/kg/°C] | +/- | 20.95 | 20.95 | 20.96 | 20.96 | 20.95 | 20.95 | 20.95 | 20.95 | 20.96 | 20.96 | 20.96 | 20.96 |
| 18 $e_{dT=0}$ [°C] | +/- | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 |
| 19 e_{E10} [J/kg] | +/- | 12.32 | 12.33 | 12.33 | 12.33 | 12.35 | 12.37 | 12.36 | 12.36 | 12.35 | 12.34 | 12.41 | 12.41 |
| 20 e_{E20} [J/kg] | +/- | 30.79 | 30.83 | 30.82 | 30.83 | 30.88 | 30.92 | 30.90 | 30.90 | 30.87 | 30.86 | 31.03 | 31.03 |
| 21 $k \cdot c_p \cdot s_{T11}$ [J/kg] | +/- | 2.35 | 10.96 | 3.04 | 9.70 | 2.97 | 10.55 | 2.35 | 5.47 | 12.43 | 7.10 | 3.99 | 3.91 |
| 22 $k \cdot c_p \cdot s_{T20}$ [J/kg] | +/- | 3.69 | 3.88 | 4.00 | 5.12 | 3.61 | 2.66 | 2.99 | 2.11 | 2.35 | 1.85 | 2.12 | 2.54 |
| 23 $c_p \cdot e_{dT=0}$ [J/kg] | +/- | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 |
| 24 $(T_{11}-T_{20})e_{cp}$ [J/kg] | +/- | 1.08 | 1.14 | 1.58 | 1.88 | 0.00 | 0.37 | 0.41 | 0.34 | 0.93 | 0.90 | 1.49 | 1.78 |
| 25 e_{ET} [J/kg] | +/- | 33.73 | 35.44 | 33.87 | 35.27 | 33.84 | 35.29 | 33.76 | 34.06 | 35.84 | 34.31 | 34.02 | 34.05 |
| 26 e_{Ev11} [J/kg] | +/- | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 27 e_{Ev20} [J/kg] | +/- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 e_{Ev} [J/kg] | +/- | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 29 e_{Ez} [J/kg] | +/- | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| 30 $e_{oEm,ht}$ [J/kg] | +/- | 6.16 | 6.17 | 6.16 | 6.17 | 6.18 | 6.18 | 6.18 | 6.18 | 6.17 | 6.17 | 6.21 | 6.21 |
| 31 $e_{oEm,grad}$ [J/kg] | +/- | 1.86 | 2.01 | 2.12 | 2.71 | 2.06 | 1.52 | 1.96 | 1.97 | 1.75 | 1.26 | 1.05 | 1.44 |
| 32 e_{oEm} [J/kg] | +/- | 6.43 | 6.48 | 6.52 | 6.73 | 6.51 | 6.37 | 6.49 | 6.49 | 6.42 | 6.30 | 6.30 | 6.37 |
| 33 e_{Em} [J/kg] | +/- | 37.75 | 40.70 | 37.94 | 40.98 | 38.73 | 39.97 | 38.22 | 38.56 | 41.35 | 39.23 | 38.43 | 38.42 |
| 34 f_{Em} [%] | +/- | 0.61 | 0.66 | 0.62 | 0.66 | 0.63 | 0.65 | 0.62 | 0.62 | 0.67 | 0.64 | 0.62 | 0.62 |
| Efficiency | | | | | | | | | | | | | |
| 35 η [%] | +/- | 0.63 | 0.68 | 0.63 | 0.68 | 0.64 | 0.66 | 0.64 | 0.64 | 0.69 | 0.65 | 0.64 | 0.64 |
| Power | | | | | | | | | | | | | |
| 36 P_p [%] | +/- | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 |
| Discharge | | | | | | | | | | | | | |
| 37 f_o [%] | +/- | 0.95 | 0.98 | 0.95 | 0.99 | 0.96 | 0.97 | 0.96 | 0.96 | 0.99 | 0.97 | 0.96 | 0.96 |

| Uncertainty | | | | | | | | | | | | | |
|-----------------------------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| $k=t/n^{0.5} = 0.367$ | | | | | | | | | | | | | |
| Operating point | | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 |
| Measuring point | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| Specific hydraulic energy | | | | | | | | | | | | | |
| 1 e_{Es} [J/kg] | +/- | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 |
| 2 $k \cdot s_{pm1}$ [bar] | +/- | 0.0022 | 0.0018 | 0.0015 | 0.0010 | 0.0022 | 0.0015 | 0.0064 | 0.0044 | 0.0022 | 0.0023 | 0.0024 | 0.0025 |
| 3 e_{Er} [J/kg] | +/- | 0.22 | 0.18 | 0.15 | 0.10 | 0.22 | 0.15 | 0.64 | 0.44 | 0.22 | 0.23 | 0.23 | 0.25 |
| 4 e_{Ev1} [J/kg] | +/- | 0.31 | 0.33 | 0.24 | 0.24 | 0.52 | 0.50 | 0.24 | 0.24 | 0.23 | 0.19 | 0.15 | 0.15 |
| 5 e_{Ez} [J/kg] | +/- | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 6 e_e [J/kg] | +/- | 9.99 | 9.99 | 9.99 | 9.99 | 10.00 | 10.00 | 10.01 | 10.00 | 9.99 | 9.99 | 9.99 | 9.99 |
| 7 f_H [%] | +/- | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| Specific mechanical energy | | | | | | | | | | | | | |
| 8 e_{Es} [J/kg] | +/- | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 | 9.98 |
| 9 $k \cdot s_{p11}$ [bar] | +/- | 0.1044 | 0.1616 | 0.0445 | 0.0359 | 0.1381 | 0.0649 | 0.0380 | 0.0373 | 0.2809 | 0.0350 | 0.0549 | 0.0434 |
| 10 $k \cdot s_{p20}$ [bar] | +/- | 0.0002 | 0.0003 | 0.0003 | 0.0003 | 0.0005 | 0.0004 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 |
| 11 $1000e_a$ [m³/kg] | +/- | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0020 |
| 12 $e_a(p_{11}-p_{20})$ [J/kg] | +/- | 11.87 | 11.76 | 11.71 | 11.62 | 11.70 | 11.77 | 11.56 | 11.45 | 11.64 | 11.45 | 11.80 | 11.79 |
| 13 αs_{p11} [J/kg] | +/- | 10.42 | 16.12 | 4.44 | 3.58 | 13.77 | 6.47 | 3.79 | 3.72 | 28.01 | 3.49 | 5.47 | 4.33 |
| 14 αs_{p20} [J/kg] | +/- | 0.02 | 0.03 | 0.03 | 0.03 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 |
| 15 e_{Ep} [J/kg] | +/- | 18.68 | 22.31 | 16.01 | 15.73 | 20.65 | 16.74 | 15.74 | 15.64 | 31.93 | 15.58 | 16.39 | 16.04 |
| 16 $s_{T20,mean}$ [°C] | +/- | 0.0011 | 0.0021 | 0.0028 | 0.0020 | 0.0006 | 0.0006 | 0.0017 | 0.0024 | 0.0034 | 0.0032 | 0.0057 | 0.0056 |
| 17 e_{cp} [J/kg/°C] | +/- | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 | 20.96 |
| 18 $e_{dT=0}$ [°C] | +/- | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 |
| 19 e_{E10} [J/kg] | +/- | 12.43 | 12.44 | 12.43 | 12.43 | 12.39 | 12.41 | 12.43 | 12.43 | 12.42 | 12.44 | 12.41 | 12.40 |
| 20 e_{E20} [J/kg] | +/- | 31.08 | 31.10 | 31.07 | 31.07 | 30.98 | 31.03 | 31.08 | 31.07 | 31.04 | 31.10 | 31.03 | 31.01 |
| 21 $k \cdot c_p s_{T11}$ [J/kg] | +/- | 5.74 | 15.34 | 2.66 | 1.18 | 11.08 | 3.44 | 4.22 | 5.23 | 31.15 | 5.55 | 10.62 | 11.21 |
| 22 $k \cdot c_p s_{T20}$ [J/kg] | +/- | 1.76 | 3.28 | 4.34 | 3.10 | 0.97 | 0.96 | 2.58 | 3.67 | 5.26 | 4.89 | 8.70 | 8.68 |
| 23 $c_p e_{dT=0}$ [J/kg] | +/- | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 | 4.19 |
| 24 $(T_{11}-T_{20})e_{cp}$ [J/kg] | +/- | 1.23 | 1.49 | 1.58 | 1.81 | 1.58 | 1.46 | 2.06 | 2.34 | 1.90 | 2.43 | 1.60 | 1.62 |
| 25 e_{ET} [J/kg] | +/- | 34.29 | 37.26 | 34.14 | 33.93 | 35.46 | 33.91 | 34.16 | 34.40 | 46.22 | 34.64 | 36.41 | 36.56 |
| 26 e_{Ev11} [J/kg] | +/- | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 27 e_{Ev20} [J/kg] | +/- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 e_{Ev} [J/kg] | +/- | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 29 e_{Ez} [J/kg] | +/- | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| 30 $e_{oEm,ht}$ [J/kg] | +/- | 6.22 | 6.22 | 6.21 | 6.21 | 6.20 | 6.21 | 6.22 | 6.21 | 6.21 | 6.22 | 6.21 | 6.20 |
| 31 $e_{oEm,grad}$ [J/kg] | +/- | 0.80 | 2.16 | 2.67 | 1.90 | 0.20 | 0.10 | 1.89 | 2.74 | 4.53 | 4.15 | 8.48 | 9.29 |
| 32 e_{oEm} [J/kg] | +/- | 6.27 | 6.59 | 6.77 | 6.50 | 6.20 | 6.21 | 6.50 | 6.79 | 7.68 | 7.48 | 10.51 | 11.17 |
| 33 e_{Em} [J/kg] | +/- | 39.55 | 43.92 | 38.31 | 37.96 | 41.50 | 38.32 | 38.17 | 38.40 | 56.71 | 38.71 | 41.29 | 41.45 |
| 34 f_{Em} [%] | +/- | 0.64 | 0.71 | 0.62 | 0.61 | 0.67 | 0.62 | 0.61 | 0.62 | 0.91 | 0.62 | 0.67 | 0.67 |
| Efficiency | | | | | | | | | | | | | |
| 35 η [%] | +/- | 0.65 | 0.72 | 0.63 | 0.63 | 0.69 | 0.63 | 0.63 | 0.64 | 0.92 | 0.64 | 0.68 | 0.68 |
| Power | | | | | | | | | | | | | |
| 36 η_p [%] | +/- | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 |
| Discharge | | | | | | | | | | | | | |
| 37 η_o [%] | +/- | 0.97 | 1.02 | 0.96 | 0.95 | 0.99 | 0.96 | 0.95 | 0.96 | 1.17 | 0.96 | 0.99 | 0.99 |

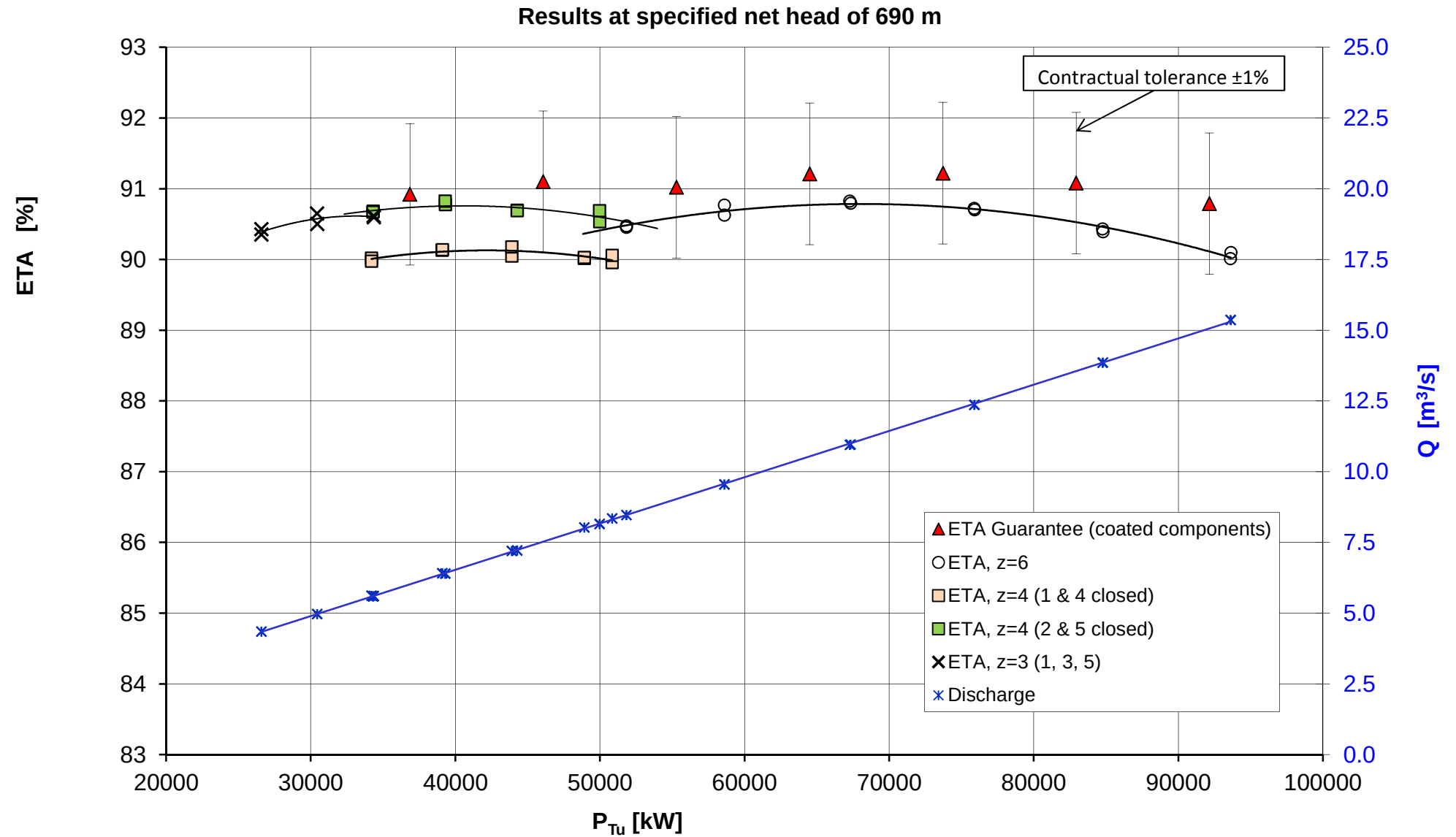
Alfalfal



Resultats at measured net head



Alfalfal



Comparison to Guarantee

| Guarantee (coated components) | | | | | | Measurement | |
|-------------------------------|---------------------|----------------------|---------|---------|---|--------------|---|
| H [m] | P _{TU} [%] | P _{TU} [kW] | ETA [%] | w.f. | z | ETA [%] | z |
| 690.00 | 100 | 92150 | 90.79 | 0.58824 | 6 | 90.11 | 6 |
| 690.00 | 90 | 82935 | 91.08 | 0.05882 | 6 | 90.53 | 6 |
| 690.00 | 80 | 73720 | 91.22 | 0.11765 | 6 | 90.75 | 6 |
| 690.00 | 70 | 64505 | 91.21 | 0.05882 | 6 | 90.77 | 6 |
| 690.00 | 60 | 55290 | 91.02 | 0.05882 | 6 | 90.60 | 6 |
| 690.00 | 50 | 46075 | 91.10 | 0.05882 | 4 | 90.70 | 4 |
| 690.00 | 40 | 36860 | 90.92 | 0.05882 | 3 | 90.74 | 4 |
| 90.92 1 | | | | | | 90.35 | |

Difference: -0.57

Contractual tolerance: ±1%

Guaranteed power output at rated head of 690 m: 92150 kW

Maximum measured power at rated head of 690 m: 93633 kW