

O&MI FLUJO ENERGÍA LIMITADA: IFE CRDEN 20190320-COLBUN-NHI DIESEL-CEN

**COORDINADOR ELECTRICO NACIONAL
UNIDAD GENERADORA
CENTRAL NEHUENCO I**

INFORME PRUEBA DE CONSUMO ESPECÍFICO DIESEL



O&MI *Flujo Energía Limitada*

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Capítulo 1 Generalidades

La Unidad Generadora NEHUENCO I está compuesta por una turbina a gas con capacidad para generar 221 MW con combustible líquido diesel y una turbina a vapor con capacidad para generar 126,4 MW sin fuegos adicionales; de esta manera, el ciclo combinado puede generar 347, MW con combustible diesel y sin fuegos adicionales.

Este documento describe los resultados de la Prueba de Determinación de Consumo Específico de la Unidad Generadora Nehuenco I, utilizando diesel como combustible. La prueba de consumo específico se llevó a cabo de acuerdo con el protocolo PPFE – CRDEN 20190320-COLBUN –NH I DIESEL R2.

La responsabilidad de la prueba como experto técnico estuvo a cargo del ingeniero de Flujo Energía señor Jorge Valdivia Dames.

Conforme a lo establecido en el artículo 5 del Anexo Técnico “Determinación de Consumos Específicos de Unidades Generadoras”, el Coordinador elabora anualmente, el programa de pruebas de CEN que se realizan durante el siguiente año. El programa incluye las unidades generadoras que, al 1 de diciembre del año respectivo, se encuentren en cualquiera de las situaciones definidas en dicho artículo.

En este contexto, Colbún S.A. realizó la prueba de Determinación de Consumos Específicos de la Unidad Generadora Central Nehuenco I, según lo estipulado en el Programa Anual de Pruebas de Consumo Específico Neto de 2019.



Capítulo 2 Resumen Ejecutivo

Objetivo de la Prueba

La Prueba de Determinación de Consumo Específico tiene como objetivo determinar el valor del consumo Específico Neto de la Central Nehuenco I, parámetro que debe ser informado al Coordinador Eléctrico Nacional conforme a lo señalado en el artículo 6-13 de la NTSyCS.

En virtud de los resultados obtenidos del desarrollo de las Pruebas de Consumo Específico, conforme al alcance definido en el Anexo Técnico, se establecerán los valores del parámetro de Consumo Específico para cada una de las configuraciones de Central Nehuenco I.

Cronograma de la Prueba

La prueba se llevó a cabo con la cronología que se indica en las Tablas 2.1-1 y 2.1-2, siguientes:

TABLA 2.1-1 CONFIGURACIÓN CICLO-ABIERTO

COMBUSTIBLE DIESEL	FECHA	HORARIO
ESCALÓN 221 MW	07- enero - 2021	08:15h - 09:15h
ESCALÓN 208 MW	07- enero - 2021	09:45h - 10:45h
ESCALÓN 196 MW	07- enero - 2021	11:00h - 11:30h
ESCALÓN 183 MW	07- enero - 2021	11:45h - 12:15h
ESCALÓN 170 MW	07- enero - 2021	12:30h - 13:00h
ESCALÓN 158 MW	07- enero - 2021	13:15h - 13:45h
ESCALÓN 145MW	07- enero - 2021	14:00h - 14:30h

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TABLA 2.1-2 CONFIGURACIÓN CICLO-COMBINADO

COMBUSTIBLE DIESEL	FECHA	HORARIO
ESCALÓN 323 MW	08 – enero – 2021	01:30h – 02:30h
ESCALÓN 300 MW	08 – enero – 2021	03:00h – 04:00h
ESCALÓN 285 MW	08 – enero – 2021	04:15h – 05:15h
ESCALÓN 270 MW	08 – enero – 2021	05:30h – 06:30h
ESCALÓN 255 MW	08 – enero – 2021	06:45h – 07:45h
ESCALÓN 240 MW	08 – enero – 2021	08:00h – 09:00h
ESCALÓN 225 MW	08 – enero – 2021	09:15h – 10:15h

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Resumen de los Resultados de la Prueba

Un resumen de los resultados de la prueba de consumo específico neto para la configuración en ciclo-abierto se presenta en las Tablas 2.2-1 y 2.2-2, para ciclo-combinado en las Tablas 2.3-1 y 2.3-2. En la Tabla 2.3-3 se muestra el consumo específico neto de los fuegos adicionales.

Tabla 2.2-1 POTENCIA NETA Y CONSUMO ESPECÍFICO CICLO-ABIERTO

CONFIGURACIÓN	CICLO ABIERTO	POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh		
		MEDIDO	CORREGIDO	INCERTIDUMBRE < 0,80%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%
COMBUSTIBLE DIESEL							
Escalón 221 MW	DIESEL	204.400	203.337	±0,2736%	2.604	2.589	±0,6221%
Escalón 208 MW	DIESEL	191.887	192.560	±0,2555%	2.625	2.610	±0,3705%
Escalón 196 MW	DIESEL	182.178	186.776	±0,4935%	2.646	2.630	±0,4819%
Escalón 183 MW	DIESEL	172.249	178.979	±0,1275%	2.678	2.660	±0,8112%
Escalón 170 MW	DIESEL	162.139	169.389	±0,1597%	2.717	2.699	±0,4231%
Escalón 158 MW	DIESEL	151.757	158.538	±0,1039%	2.771	2.754	±0,3284%
Escalón 145 MW	DIESEL	140.172	145.926	±0,1170%	2.867	2.851	±0,6268%

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Tabla 2.2-2 POTENCIA BRUTA CICLO-ABIERTO

ESCALÓN MW	213	204	195	187	178	169	160
POTENCIA BRUTA MEDIDA [kW]	211.481	200.952	191.850	184.092	175.236	166.304	157.393
POTENCIA BRUTA CORREGIDA [kW]	216.986	212.497	203.187	195.065	186.130	177.084	169.108
INCERTIDUMBRE	±0,0673%	±0,0673%	±0,0673%	±0,0673%	±0,0673%	±0,0673%	±0,0673%

Tabla 2.3-1 POTENCIA NETA Y CONSUMO ESPECÍFICO CICLO-COMBINADO

CONFIGURACIÓN	CICLO COMBINADO	POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh		
		MEDIDO	CORREGIDO	INCERTIDUMBRE < 0,80%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%
COMBUSTIBLE DIESEL							
Escalón 323 MW	DIESEL	307.271	306.232	± 1,2299 %	1.721	1.712	± 1,2337%
Escalón 300 MW	DIESEL	292.840	291.396	± 0,782 %	1.727	1.720	± 0,7897%
Escalón 285 MW	DIESEL	277.730	275.892	± 0,86070465 %	1.733	1.727	±0,8682%
Escalón 270 MW	DIESEL	263.064	262.179	± 0,5700280 %	1.749	1.742	± 0,5825%

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CONFIGURACIÓN	CICLO COMBINADO	POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh		
		MEDIDO	CORREGIDO	INCERTIDUMBRE < 0,80%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%
Escalón 255 MW	DIESEL	248.112	247.325	± 0,5196106 %	1.758	1.749	± 0,5319%
Escalón 240 MW	DIESEL	238.081	238.408	± 0,4160316 %	1.771	1.762	± 0,4312%
Escalón 225 MW	DIESEL	218.281	219.843	± 0,3356860 %	1.796	1.786	± 0,3523%

Tabla 2.3-2 POTENCIA BRUTA CICLO-COMBINADO

ESCALÓN MW	323	300	285	270	255	240	225
POTENCIA BRUTA MEDIDA [kW]	321.013	306.077	290.662	275.591	260.066	249.924	229.315
POTENCIA BRUTA CORREGIDA [kW]	319.974	304.633	288.824	274.705	259.279	250.251	230.877

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Capítulo 3 Cálculos de la Prueba

Introducción

La evaluación del consumo específico neto de la planta de ciclo combinado está basada en los datos de la prueba de Determinación de Consumo Específico, corregida a las condiciones nominales y medida en condiciones de estado estable.

La prueba de consumo específico se llevó a cabo en la condición de estado estable como se definió en el protocolo de prueba.

El sistema de control se ajustó en Carga Preseleccionada para fijar la potencia de la máquina al valor predefinido según cada escalón de la prueba.

La verificación de las emisiones a la atmósfera sólo fue posible en la configuración de ciclo-combinado, ya que la chimenea de bypass no cuenta con Sistema de Monitoreo Continuo de Emisiones.

Durante la prueba, los sistemas funcionaron en automático, sin señales forzadas y sin alarmas operadas.

La frontera de la prueba identifica los flujos de energía que deben ser medidos para calcular el resultado de la prueba. En el caso de la Unidad Generadora Nehuenco I, los límites son los indicados en la Figura 3.1.

La “potencia bruta medida” se tomó en bornes de ambos generadores por medio de medidores instalados transitoriamente para la ocasión y que cumplen con la clase 0,2 exigida. Para la TG se utilizó el medidor ION 8600 PT-1106B209-01 y para la TV el medidor ION 8600 PT-1210A395-01.

La potencia neta se midió en los medidores de facturación clase 0,2 instalados en la S/E San Luis, aguas abajo de los transformadores elevadores. Para la TG se utilizó el medidor ION7650 PJ-0911A504-02 y para la TV el medidor ION7650 PJ-0911A481-02.

Figura 3.1 FRONTERAS DE LAS PRUEBAS

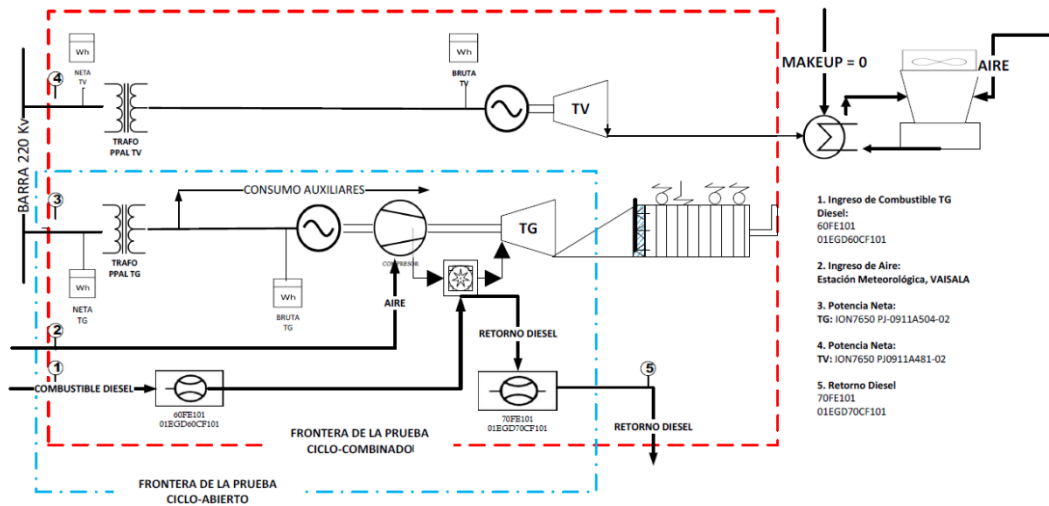
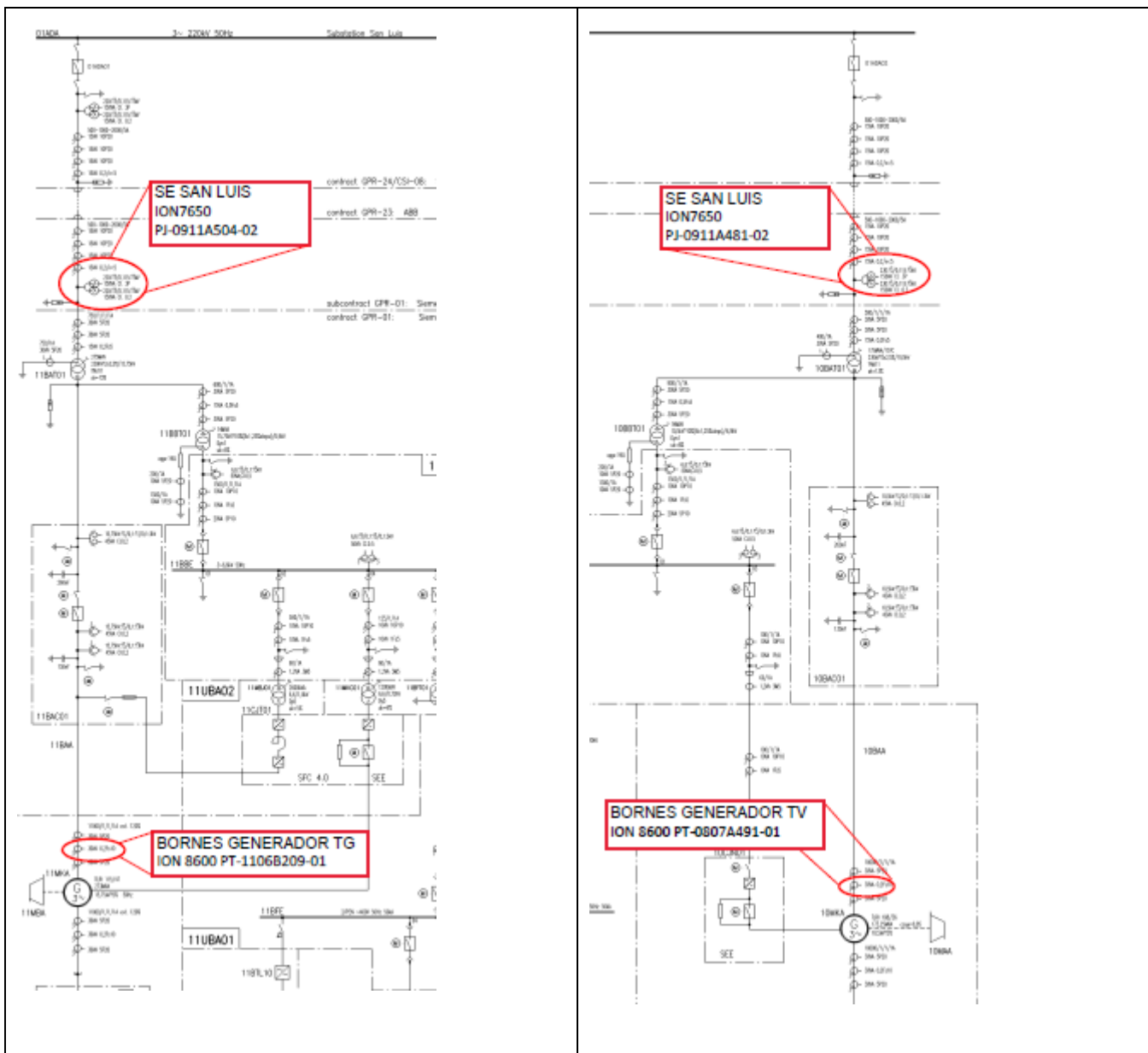


Figura 3.2 S/E San Luis



Figura 3.3 PUNTOS DE MEDICIÓN DE POTENCIA



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El flujo de diesel a la Turbina a Gas se midió con el medidor de flujo 60FE101 – 01EGD60CF101. El flujo de retorno de diesel se midió con el medidor de flujo 70FE101 – 01EGD70CF101. Los datos se tomaron desde una estación dedicada.

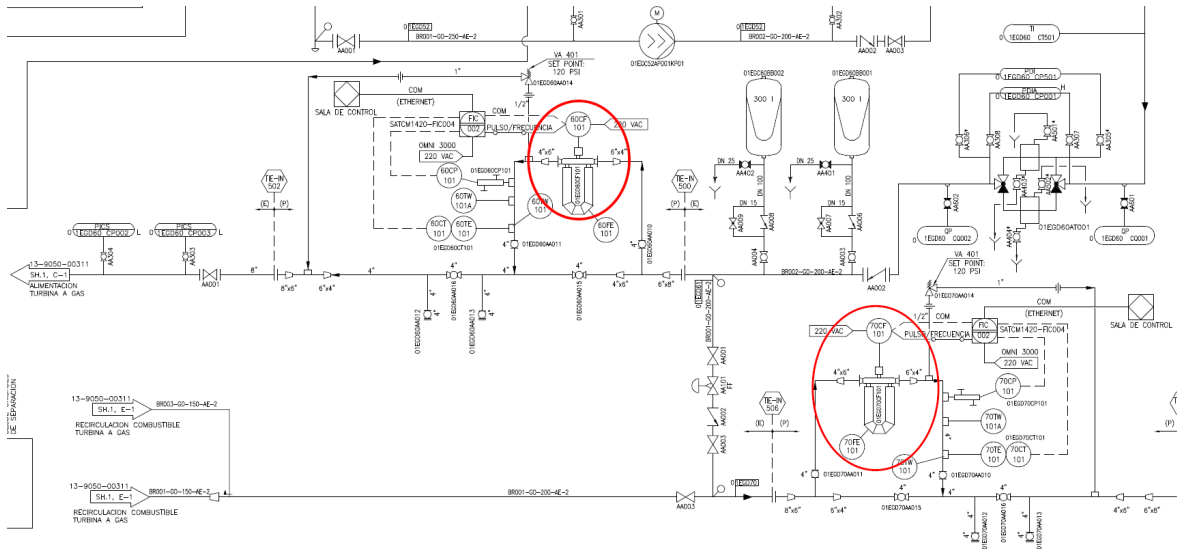
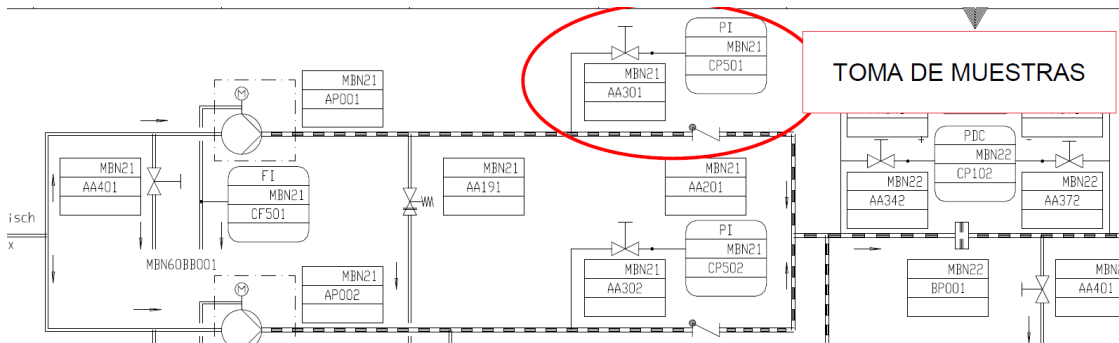


Figura 3.4 UBICACIÓN MEDIDORES DE COMBUSTIBLE DIESEL SUMINISTRO y RETORNO

Las muestras de diesel se tomaron desde una conexión del manómetro PI MBN21 CP501, instalado en la descarga de la Bomba de Premix MBN21 AP001.

Figura 3.5 UBICACIÓN TOMA DE MUESTRAS DE DIESEL



Los datos meteorológicos se tomaron desde la estación meteorológica instalada permanente en la zona de succión de aire del compresor de la unidad.



Figura 3.6 UBICACIÓN ESTACIÓN METEOROLÓGICA

Normas Aplicadas

Para el desarrollo de la prueba se aplicaron las siguientes normas:

- ANEXO TÉCNICO: Determinación de Consumos Específicos en Unidades Generadoras,
- ASME PTC – 46 Overall Plant Performance,
- ASME PTC – 6 Steam Turbines,
- ASME PTC – 22 Gas Turbines,
- ASME PTC – 4.4 Gas Turbine Heat Recovery Steam Generators,
- ASME PTC – 19.1 Test Uncertainty.



Condiciones Nominales

Las condiciones nominales de operación de la planta son las siguientes:

Parámetro	Valor
Temperatura de Aire entrada al Compresor	15 °C
Presión barométrica	1003,7 mbar
Humedad Ambiente	60 %
Temperatura de Escape de la Turbina a Gas	612,22 °C
Velocidad de la Turbina a Gas	3.000 rpm
Caída de presión en la entrada	7,62 cm H ₂ O
Factor de Potencia del Generador	0,85
Velocidad	3000 rpm



Cálculo de la Potencia en Ciclo-Abierto

La Potencia Medida y Potencia Corregida para cada nivel de carga se midió y corrigió de acuerdo con la metodología explicada en el protocolo de prueba.

ESCALÓN MW	221	208	196	183	170	158	145
POTENCIA BRUTA medida TURBINA A GAS [kW]	206.982	194.332	184.348	174.408	164.433	154.458	144.548
POTENCIA BRUTA CORREGIDA [kW]	205.919	195.005	188.947	181.138	171.683	161.239	150.302

ESCALÓN MW	221	208	196	183	170	158	145
POTENCIA NETA medida TURBINA A GAS [kW]	204.400	191.887	182.178	172.249	162.139	151.757	140.172
POTENCIA NETA CORREGIDA [kW]	203.337	192.560	186.776	178.979	169.389	158.538	145.926

Factores de Corrección de la Potencia en Ciclo-Abierto

Corrección de la Potencia por Factor de Potencia del Generador							
TURBINA A GAS (desde POWER FACTOR CONVERSION / TG CA)							
ESCALÓN MW	221	208	196	183	170	158	145
Potencia Bruta Medida kW	206.982	194.332	184.348	174.408	164.433	154.458	144.548
Pérdidas del generador a la potencia medida y al factor de potencia de referencia 0,95	2.758	2.683	2.608	2.474	2.410	2.372	2.324
Factor de Potencia Medido	0,9393	0,9480	0,9452	0,9361	0,9376	0,9333	0,9360
Pérdidas del generador a la potencia medida y el factor de potencia medido, para cada generador	2.673	2.578	2.520	2.475	2.416	2.368	2.316
Factor de corrección de la potencia TG desde el factor de potencia medido al factor de potencia de referencia [kW]	0,99959	0,999462	0,999523	1,000008	1,000040	0,999974	0,999947

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<i>Corrección de la Potencia por Temperatura de Entrada al Compresor (Curva 3635)</i>							
ESCALÓN MW	221	208	196	183	170	158	145
Temperatura Ambiente Medida [°C]	14,95	16,90	21,22	23,66	24,61	24,54	23,75
Corrección de la potencia a la temperatura ambiente medida [kW]	-44,2	1.649,7	5.396,4	7.308,1	7.736,6	7.211,0	6.132,8
Temperatura Ambiente Nominal [°C]	15	15	15	15	15	15	15
Corrección de la potencia a la temperatura ambiente nominal [kW]	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de corrección de la Potencia por Temperatura de Entrada al Compresor [%]	0,9998	1,0085	1,0293	1,0419	1,0471	1,0467	1,0424

<i>Corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor (Curva 3636)</i>							
ESCALÓN MW	221	208	196	183	170	158	145
Humedad Relativa Medida [%]	82,77	74,50	56,87	49,73	47,26	47,86	49,67
Corrección de la potencia a la humedad relativa medida [kW]	-125,9582	-84,48412	21,33355	71,22737	85,28703	75,93460	59,39694
Humedad Relativa Nominal [%]	60	60	60	60	60	60	60
Corrección de la potencia a la humedad relativa nominal	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor	0,9994	0,9996	1,0001	1,0004	1,0005	1,0005	1,0004

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<i>Corrección de la Potencia por Presión Barométrica en la Entrada de la TG (Curva 3637)</i>							
ESCALÓN MW	221	208	196	183	170	158	145
Presión Medida [bar]	1,00781	1,00792	1,00774	1,00748	1,00726	1,00698	1,00672
Corrección de la potencia a la presión medida [kW]	-809,6	-780,2	-708,5	-627,3	-556,3	-482,3	-415,4
Presión Nominal [bar]	1,00370	1,00370	1,00370	1,00370	1,00370	1,00370	1,00370
Corrección de la potencia a la presión nominal [kW]	0,00000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de corrección de la Potencia por la Presión en la Entrada de la TG	0,99609	0,99599	0,99616	0,99640	0,99662	0,99688	0,99713

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Cálculo del Consumo Específico Neto en Ciclo-Abierto

El Consumo Específico Neto para cada nivel de carga se calculó mediante el método Entrada – Salida; dónde la entrada corresponde a la energía química total disponible en el combustible, basada en el poder calorífico superior y la salida corresponde a la energía neta total generada por la unidad.

ESCALÓN MW	221	208	196	183	170	158	145
Flujo másico de diesel [kg/h]	48.655	46.056	44.077	42.169	40.281	38.462	36.752
Densidad del Diesel [kg/m ³] (15 °C)	834,1	834,1	834,2	834,3	834,6	835	835,4
Poder Calorífico Superior Bruto Actual [kcal/m ³]	10.938	10.938	10.937	10.937	10.936	10.935	10.933
Tasa de Consumo de Calor Medida [kcal/h]	532.173.564	503.753.320	482.075.349	461.217.175	440.519.810	420.580.059	401.822.884

CONSUMO ESPECÍFICO NETO MEDIDO [kcal/kWh]	2.604	2.625	2.646	2.678	2.717	2.771	2.867
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CONSUMO ESPECÍFICO NETO CORREGIDO [kcal/kWh]	2.589	2.610	2.630	2.660	2.699	2.754	2.851
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Factores de Corrección del Consumo Específico Neto en Ciclo-Abierto

<i>Corrección del Consumo Específico por la Temperatura de Entrada al Compresor (Curva 3635)</i>							
ESCALÓN MW	221	208	196	183	170	158	145
Temperatura Ambiente Medida [°C]	14,95	16,90	21,22	23,66	24,61	24,54	23,75
Corrección del consumo específico neto por la temperatura ambiente medida [kcal/kWh]	0,0000046	0,0003	0,0015	0,0025	0,0030	0,0030	0,0026
Temperatura Ambiente Nominal [°C]	15	15	15	15	15	15	15
Corrección del consumo específico neto por la temperatura ambiente nominal	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de Corrección del Consumo de Calor por la Temperatura de Entrada al Compresor	1,000005	0,999739	0,998537	0,997490	0,997005	0,997040	0,997442

<i>Corrección del consumo específico por la Humedad Relativa en la Entrada del Compresor (3636)</i>							
ESCALÓN MW	221	208	196	183	170	158	145
Humedad Relativa Medida [%]	82,77	74,50	56,87	49,73	47,26	47,86	49,67
Corrección del consumo específico neto por la humedad relativa medida	-0,0009921	-0,0006317	0,0001365	0,0004476	0,0005549	0,0005290	0,0004501
Humedad Relativa Nominal [%]	60	60	60	60	60	60	60
Corrección del consumo específico por la humedad relativa nominal	0,0000000	0,0000000	0,0000000	0,0000000	0,0000000	0,0000000	0,0000000
Factor de corrección del Consumo Específico Neto por la Humedad Relativa en la Entrada del Compresor	0,9990079	0,9993683	1,0001365	1,0004476	1,0005549	1,0005290	1,0004501

<i>Corrección del consumo específico por la Presión en la Entrada de la TG (Curva 3637)</i>							
ESCALÓN	213	204	195	187	178	169	160
Presión Barométrica Medida [mbar]	1,0032	1,0032	1,0031	1,0031	1,0030	1,0026	1,0022

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Corrección del consumo específico neto por la presión barométrica medida	0,0006	0,0007	0,0007	0,0008	0,0009	0,0013	0,0018
Presión Barométrica Nominal [mbar]	1,0037	1,0037	1,0037	1,0037	1,0037	1,0037	1,0037
Corrección del consumo específico neto por la presión barométrica nominal	0,0001	0,0001	0,0001	0,0001	0,0001	0,0001	0,0001
Factor de corrección del Consumo Específico Neto por la Presión en la Entrada de la TG	1,0006	1,0006	1,0007	1,0008	1,0009	1,0013	1,0018

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



Cálculo de la Incertidumbre en Ciclo-Abierto

La incertidumbre de la prueba se determinó siguiendo los lineamientos de los códigos ASME PTC 22 y ASME PTC 19.1.

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
221MW



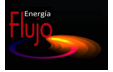
RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Teórico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U _s	SENSIBILIDAD θ	U _s * θ^2	CANTIDAD DE DATOS	DEVIACIÓN ESTÁNDAR, S	DISTRIBUCIÓN ESTADÍSTICA	INCERTIDUMBRE ALFATORA U _a	U _a * θ^2	INCERTIDUMBRE TOTAL 1.7	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA TG 1 ION 7650 PI - 0911A504-02	POTENCIA NETA	S/E San Luis Punto 02	730 MW	3	TP	± 0,067%	0,6517 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6517 % / %	0,0000%					0,00002%				
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000%	61	0,1858%	2,0	0,00372	0,0014%	0,00138%			
	POTENCIA NETA														SUMA	0,00142%	0,0038	0,250%
	POTENCIA	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	1	TP	± 0,067%	0,65831 % / %	0,00002%							0,00002%		
						TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
						Medidor de Energía	± 0,093%	0,00000 % / %	0,000000%	61	NA	2,0	NA	NA	NA	No hay desviación estándar porque sólo se considera registro inicial y final		
	POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%
	ENTRADA DE CALOR	FLUIJO	FLUIJO DE DIESEL A LA TG	60FE101 01EG606CF101	8804 kg/min	1	Corialis	± 0,0300%	1,00 % / %	0,000009%		721	0,38%	1,36	0,00751	0,0056%	0,00565%	0,650%
		FLUIJO	FLUIJO RETORNO DIESEL	70FE101 01EG679CF101	6804 kg/min	1	Corialis	± 0,0300%	1,00 % / %	0,000009%		721	0,38%	1,36	0,00751	0,0000%	0,00001%	0,650%
Entrada de Calor														SUMA	0,00566%	0,0075	1,250%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0014%	0,250%	
	ENTRADA DE CALOR															0,0057%	0,750%	
CONSUMO ESPECÍFICO NETO														SUMA	0,0071%	0,0084	1,250%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1	TP	± 0,067%	0,00760 % / %	0,00000003%							0,00000%		
						TC	± 0,067%	0,0076 % / %	0,00000003%					0,00000%				
						Medidor de Energía	± 0,093%	1,00 % / %	0,000086490%	61	0,0045	2,0	0,00900	0,0081%	0,00818%			
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000219 % / %	0,000000%		61	0,0070	2,0	0,01409	0,0199%	0,01991%	2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,000985 % / °C	0,0000		61	0,1360	2,0	0,27197	7,4504%	7,45037%	0,6 °C	
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0095 % / %	0,0000		61	0,0005	2,0	0,00010	0,0093%	0,00929%	0,075%	
	POTENCIA CORREGIDA														SUMA	7,48775%	0,2736	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000361 % / %	0,0000000		61	0,0070	1,671	0,01177	1,1807%	1,18073%	2,000%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0001132 % / %	0,0000000		61	0,1360	2,671	0,36321	36,3227%	36,32269%	0,6 °C	
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0118 % / %	0,000000000		61	0,0000	3,671	0,00018	1,1951%	1,19514%	0,075%	
Consumo Especifico Neto															0,00708%			

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
208MW



RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sist}	SENSIBILIDAD θ	$(U_{sist} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALFATORA U_{α}	$(U_{\alpha} \cdot \theta)^2$	INCERTIDUMBRE TOTAL U_{total}^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN		
		NOMBRE	PUNTO																
POTENCIA	POTENCIA NETA	POTENCIA NETA TG 1 KON 7650 PI - 0911AS04-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,067%	0,6517 % / %	0,000019%						0,00002%				
					3	TC	± 0,067%	0,6517 % / %	0,000019%					0,00002%					
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000081%	61	0,2126%	2,0	0,00425	0,0018%	0,00184%				
	POTENCIA NETA														SUMA	0,00185%	0,0043	0,250%	
	POTENCIA BRUTA	POTENCIA BRUTA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	1	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%				
					1	TC	± 0,067%	0,6583 % / %	0,00002%				0,00002%						
					1	Medidor de Energía	± 0,093%	0,00000 % / %	0,000000%	61	NA	2,0	NA	NA	NA	No hay desviación estándar porque sólo se considera registro inicial y final			
	POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%	
	ENTRADA DE CALOR	FLUIDO	FLUIDO DE DIESEL A LA TG	60FE101 01EG606CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%		721	0,20%	1,36	0,00386	0,0015%	0,00150%	0,630%	
		FLUIDO	FLUIDO RETORNO DIESEL	70FE101 01EG070CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%		721	0,28%	1,36	0,00543	0,0000%	0,00003%	0,630%	
Entrada de Calor														SUMA	0,00151%	0,0039	1,250%		
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															SUMA	0,0018%		0,250%
	ENTRADA DE CALOR															SUMA	0,0015%		0,250%
CONSUMO ESPECÍFICO NETO														SUMA	0,0034%	0,0058	1,250%		
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1	TP	± 0,067%	0,00760 % / %	0,00000003%						0,00000%				
						TC	± 0,067%	0,0076 % / %	0,00000003%				0,00000%						
						1	Medidor de Energía	± 0,093%	1,00 % / %	0,000086400%	61	0,0005	2,0	0,01294	0,0167%	0,01682%			
	Humedad	Humedad Relativa Entrada al Compresor	11UM810CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000219 % / %	0,000000%		61	0,0087	2,0	0,11732	1,38%	1,37693%	2,0%		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UM810CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,000085 % / °C	0,0000		61	1,0207	2,0	2,04140	4%	4,17133%	0,6 °C		
	Presión	Presión Barométrica Entrada al Compresor	11UM810CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0095 % / %	0,0000		61	0,00004	2,0	0,00008	0,9618%	0,96181%	0,075%		
	POTENCIA CORREGIDA														SUMA	6,52691%	0,2355	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UM810CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000361 % / %	0,0000000		61	0,0087	1,671	0,09802	9,8058%	9,80578%	2,0%		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UM810CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000132 % / %	0,00000000		61	1,0207	2,671	2,72629	2,72631%	2,72631%	0,6 °C		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UM810CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0118 % / %	0,000000000		61	0,00004	3,671	0,00014	1,1914%	1,19140%	0,075%		
	Consumo Especifico Neto														SUMA	0,00336%			
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	13,72684%	0,3705	1,250%		

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
196MW

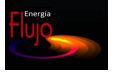


RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{syst}	SENSIBILIDAD θ	$(U_{syst} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S.	DISTRIBUCIÓN ESTADÍSTICA	INCERTIDUMBRE ALFACTORA U_{alfa}	$(U_{alfa} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_T	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN															
		NOMBRE	PUNTO																													
POTENCIA	POTENCIA	POTENCIA NETA TG 1 KON 7650 PJ - 0911A504-02	5/E San Luis Punto N2	230 MW	3	TP	± 0,067%	0,6517 % / %	0,00002%						0,00002%																	
					3	TC	± 0,067%	0,6517 % / %	0,0000%							0,00002%																
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000%	31	0,2172%	2,042	0,00443	0,0020%	0,00197%																	
	POTENCIA NETA														SUMA	0,00201%	0,0045	0,250%														
	POTENCIA	POTENCIA BRUTA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	1		TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%																
							TC	± 0,067%	0,6583 % / %	0,00002%						0,00002%																
							Medidor de Energía	± 0,093%	0,00000 % / %	0,000000%	31	NA	2,0	NA	NA	NA	NA	NA	No hay desviación estándar porque solo se considera registro inicial y final													
	POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%														
	ENTRADA DE CALOR	FLUIDO	FLUIDO DE DIESEL A LA TG	69FE101 01EG606CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,17%	1,96	0,00342	0,0012%	0,00118%		0,650%														
																			70FE101 01EG6070CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,24%	1,96	0,00463	0,0000%	0,00001%	
Entrada de Calor																																
CONSUMO ESPECÍFICO NETO														SUMA	0,0020%	0,0057	0,250%															
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1		TP	± 0,067%	0,00760 % / %	0,00000003%					0,00000%																	
							TC	± 0,067%	0,0076 % / %	0,00000003%						0,00000%																
							Medidor de Energía	± 0,093%	1,00 % / %	0,00008490%	31	0,0006	2,042	0,00123	0,0002%	0,00024%																
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000219 % / %	0,000000%		31	0,0152	2,042	0,03107	0,10%	0,09666%	2,0%															
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,000985 % / °C	0,0000		31	0,2359	2,042	0,48167	23,2957%	23,29569%	0,6 °C															
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0095 % / %	0,0000		31	0,00002	2,042	0,00005	0,9588%	0,95884%	0,075%															
	POTENCIA CORREGIDA														SUMA	24,35143%	0,4935	0,800%														
	CONSUMO ESPECÍFICO NETO CORREGIDO	Consumo Específico Neto	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000361 % / %	0,0000000		31	0,0152	2,042	0,03107	0,0010%	0,00097%	2,0%													
			Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000132 % / %	0,00000000		31	0,2359	2,042	0,48167	23,2019%	23,20190%	0,6 °C													
			Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0118 % / %	0,000000000		31	0,00002	2,042	0,00005	0,0140%	0,01397%	0,075%													
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	23,22007%	0,4819	1,250%															

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
183MW

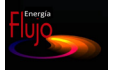
RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{rel}	SENSIBILIDAD θ	$(U_{rel} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S.	DISTRIBUCIÓN ESTADÍSTICA	INCERTIDUMBRE ALFACTORA U_{rel}	$(U_{rel} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, L1	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA	POTENCIA NETA TG 1 KON 7650 PJ - 0911A504-02	5/E San Luis Punto N2	230 MW	3	TP	± 0,067%	0,6517 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6517 % / %	0,0000%						0,00002%			
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000%	31	0,2575%	2,042	0,00526	0,00228%	0,00277%			
	POTENCIA NETA														SUMA	0,00220%	0,0053	0,250%
	POTENCIA	POTENCIA BRUTA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	1		TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
							TC	± 0,067%	0,6583 % / %	0,00002%						0,00002%		
							Medidor de Energía	± 0,093%	0,00000 % / %	0,000000%	31	NA	2,0	NA	NA	NA	NA	No hay desviación estándar porque solo se considera registro inicial y final
	POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%
	ENTRADA DE CALOR	FLUIDO	FLUIDO DE DIESEL A LA TG	60FE101 01EG606CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,20%	1,96	0,00388	0,0015%	0,00151%		0,650%
				70FE101 01EG6070CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,25%	1,96	0,00482	0,0000%	0,00001%		0,650%
Entrada de Calor		SUMA														0,000152%	0,0039	1,250%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0028%		0,250%
	ENTRADA DE CALOR															0,0015%		0,750%
CONSUMO ESPECÍFICO NETO														SUMA	0,0043%	0,0066	1,250%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1		TP	± 0,067%	0,00760 % / %	0,00000003%					0,00000%			
							TC	± 0,067%	0,0076 % / %	0,00000003%					0,00000%			
							Medidor de Energía	± 0,093%	1,00 % / %	0,00008490%	31	0,000027	2,042	0,00006	0,0000%	0,00009%		
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000219 % / %	0,000000%	31	0,0268	2,042	0,05467	0,00%	0,00239%		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,000985 % / °C	0,0000	31	0,3972	2,042	0,81101	0,6593%	0,65934%		0,6 °C	
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0095 % / %	0,0000	31	0,00005	2,042	0,00009	0,9633%	0,9632%		0,075%	
	POTENCIA CORREGIDA														SUMA	1,62568%	0,1275	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000361 % / %	0,000000%	31	0,0268	2,042	0,05467	0,0030%	0,00239%		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,000132 % / %	0,000000%	31	0,3972	2,042	0,81101	65,7765%	65,77645%		0,6 °C	
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0118 % / %	0,00000000%	31	0,00005	2,042	0,00009	0,0141%	0,01407%		0,075%	
	Consumo Especifico Neto														SUMA	0,00432%		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	65,79724%	0,8112	1,250%	

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
170MW



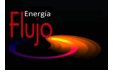
RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{syst}	SENSIBILIDAD θ	$(U_{syst} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S.	DISTRIBUCIÓN ESTADÍSTICA	INCERTIDUMBRE ALFACTORA U_{alfa}	$(U_{alfa} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_T	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA TG 1 KON 7650 PJ - 0911A504-02	5/E San Luis Punto K2	FACTURACIÓN	230 MW	3	TP	± 0,067%	0,6517 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6517 % / %	0,0000%							0,00002%		
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000%	31	0,2338%	2,042	0,00477	0,0023%	0,00238%			
	POTENCIA NETA														SUMA	0,00232%	0,0048	0,250%
POTENCIA	POTENCIA BRUTA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR	TRANSITORIO	230 MW	1	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
					1	TC	± 0,067%	0,6583 % / %	0,00002%						0,00002%			
					1	Medidor de Energía	± 0,093%	0,00000 % / %	0,0000000%	31	NA	2,042	NA	NA	NA	NA	NA	No hay desviación estándar porque sólo se considera registro inicial y final
POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%	
ENTRADA DE CALOR	FLUIDO	FLUIDO DE DIESEL A LA TG	697E101 01EG606CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,18%	1,36	0,00358	0,0013%	0,00129%		0,650%	
	FLUIDO	FLUIDO RETORNO DIESEL	707E101 01EG6070CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,23%	1,36	0,00451	0,0000%	0,00001%		0,650%	
Entrada de Calor														SUMA	0,00130%	0,0036	1,250%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0023%	0,250%	
	ENTRADA DE CALOR															0,0013%	0,750%	
CONSUMO ESPECÍFICO NETO														SUMA	0,0036%	0,0060	1,250%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1	TP	± 0,067%	0,00760 % / %	0,00000003%						0,00000%			
						TC	± 0,067%	0,0076 % / %	0,00000003%					0,00000%				
						1	Medidor de Energía	± 0,093%	1,00 % / %	0,00008490%	31	0,00940%	2,042	0,01103	0,0122%	0,01226%		
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000219 % / %	0,0000000%	31	0,5814	2,042	1,18731	1,41%	1,40975%		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000985 % / °C	0,0000	31	0,1988	2,042	0,40591	0,1656%	0,16557%		0,6 °C	
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0095 % / %	0,0000	31	0,00004	2,042	0,00008	0,9623%	0,96234%		0,075%	
POTENCIA CORREGIDA														SUMA	2,54933%	0,1597	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000361 % / %	0,0000000	31	0,5814	2,042	1,18731	1,4098%	1,40979%		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000132 % / %	0,00000000	31	0,1988	2,042	0,40591	16,4776%	16,47763%		0,6 °C	
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0118 % / %	0,000000000	31	0,00004	2,042	0,00008	0,0141%	0,01405%		0,075%	
	Consumo Especifico Neto														SUMA	0,00362%		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	17,90509%	0,4231	1,250%	

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
158MW



RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{rel}	SENSIBILIDAD θ	$(U_{rel} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S.	DISTRIBUCIÓN ESTADÍSTICA	INCERTIDUMBRE A FACTORA U_{rel}	$(U_{rel} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, L1	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA	POTENCIA NETA TG 1 KON 7650 PJ - 0911A504-02	5/E San Luis Punto K2	230 MW	3	TP	± 0,067%	0,6517 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6517 % / %	0,0000%					0,00002%				
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000%	31	0,2189%	2,042	0,00447	0,0020%	0,0020%			
	POTENCIA NETA														SUMA	0,00204%	0,0045	0,250%
	POTENCIA	POTENCIA BRUTA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	1		TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
							TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
							Medidor de Energía	± 0,093%	0,00000 % / %	0,000000%	31	NA	2,042	NA	NA	NA	No hay desviación estándar porque sólo se considera registro inicial y final	
	POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%
	ENTRADA DE CALOR	FLUIDO	FLUIDO DE DIESEL A LA TG	69FE101 01EG606CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,19%	1,96	0,00363	0,0013%	0,00133%		0,650%
				70FE101 01EG6070CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,22%	1,96	0,00429	0,0000%	0,00001%		0,650%
Entrada de Calor		SUMA														0,00134%	0,0037	1,250%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0020%	0,250%	
	ENTRADA DE CALOR															0,0013%	0,750%	
	CONSUMO ESPECÍFICO NETO															SUMA	0,0034%	0,0058
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1		TP	± 0,067%	0,00760 % / %	0,00000003%					0,00000%			
							TC	± 0,067%	0,0076 % / %	0,00000003%					0,00000%			
							Medidor de Energía	± 0,093%	1,00 % / %	0,00008490%	31	0,00475%	2,042	0,00970	0,0094%	0,00951%		
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000219 % / %	0,000000%	31	0,0105	2,042	0,02138	0,00%	0,00046%		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,000985 % / °C	0,0000	31	0,1607	2,042	0,32813	0,1083%	0,10831%		0,6 °C	
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0095 % / %	0,0000	31	0,00004	2,042	0,00008	0,9618%	0,96181%		0,075%	
	POTENCIA CORREGIDA															SUMA	1,08009%	0,1039
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000361 % / %	0,0000000	31	0,0105	2,042	0,02138	0,0005%	0,00046%		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000132 % / %	0,00000000	31	0,1607	2,042	0,32813	10,7675%	10,76753%		0,6 °C	
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0118 % / %	0,000000000	31	0,00004	2,042	0,00008	0,0140%	0,01404%		0,075%	
	Consumo Especifico Neto															SUMA	0,00337%	
CONSUMO ESPECÍFICO NETO CORREGIDO															SUMA	10,78537%	0,3284	1,250%

INCERTIDUMBRE NEH1 CICLO ABIERTO DIESEL
145MW



RESULTADO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{rel}	SENSIBILIDAD θ	$(U_{rel} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S.	DISTRIBUCIÓN ESTADÍSTICA	INCERTIDUMBRE ALFACTORA U_{rel}	$(U_{rel} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, L1	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN		
		NOMBRE	PUNTO																
POTENCIA	POTENCIA	POTENCIA NETA TG 1 KON 7650 PJ - 0911A504-02	5/E San Luis Punto N2	230 MW	3	TP	± 0,067%	0,6517 % / %	0,00002%						0,00002%				
					3	TC	± 0,067%	0,6517 % / %	0,0000%					0,00002%					
					1	Medidor de Energía	± 0,009%	1,00 % / %	0,00000%	31	0,2695%	2,042	0,00550	0,0030%	0,00303%				
	POTENCIA NETA														SUMA	0,00307%	0,0055	0,250%	
	POTENCIA	POTENCIA BRUTA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	1		TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
							TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
							Medidor de Energía	± 0,093%	0,00000 % / %	0,000000%	31	NA	2,042	NA	NA	NA	NA	No hay desviación estándar porque sólo se considera registro inicial y final	
	POTENCIA BRUTA														SUMA	0,00004%	0,0006	0,250%	
	ENTRADA DE CALOR	FLUIDO	FLUIDO DE DIESEL A LA TG	69FE101 01EG606CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,22%	1,36	0,00435	0,0019%	0,00190%		0,650%	
				70FE101 01EG6070CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00 % / %	0,000009%	361	0,25%	1,36	0,00487	0,0020%	0,00201%		0,650%	
Entrada de Calor		SUMA														0,00191%	0,0044	1,250%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA																0,0031%		0,250%
	ENTRADA DE CALOR																0,0019%		0,750%
	CONSUMO ESPECÍFICO NETO														SUMA	0,0050%	0,0071	1,250%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 KON 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	1		TP	± 0,067%	0,00760 % / %	0,00000003%					0,00000%				
							TC	± 0,067%	0,0076 % / %	0,00000003%					0,00000%				
							Medidor de Energía	± 0,093%	1,00 % / %	0,00008490%	31	0,00492%	2,042	0,01005	0,0101%	0,01019%			
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000219 % / %	0,000000%	31	0,0178	2,042	0,03627	0,00%	0,00132%		2,0%		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000985 % / °C	0,0000	31	0,3069	2,042	0,62664	0,3939%	0,39391%		0,6 °C		
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0095 % / %	0,0000	31	0,00005	2,042	0,00010	0,9640%	0,96395%		0,075%		
	POTENCIA CORREGIDA														SUMA	1,86937%	0,1170	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000361 % / %	0,0000000	31	0,0178	2,042	0,03627	0,0013%	0,00132%		2,0%		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0000132 % / %	0,00000000	31	0,3069	2,042	0,62664	39,2689%	39,26894%		0,6 °C		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VASALA PTU303	± 0,01%	0,0118 % / %	0,000000000	31	0,00005	2,042	0,00010	0,0141%	0,01409%		0,075%		
	Consumo Especifico Neto														SUMA	0,00498%			
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	39,28933%	0,6268	1,250%		



Cálculo de la Potencia en Ciclo-Combinado

La Potencia Medida y Potencia Corregida para cada nivel de carga se midió y corrigió de acuerdo con la metodología explicada en el protocolo de prueba.

ESCALÓN MW	323	300	285	270	255	240	225
POTENCIA BRUTA medida TURBINA A GAS [kW]	208.702	198.140	187.125	175.700	163.976	156.183	140.786
POTENCIA BRUTA medida TURBINA A VAPOR [kW]	112.312	107.937	103.536	99.891	96.089	93.741	88.529
POTENCIA BRUTA CICLO COMBINADO MEDIDA [kW]	321.013	306.077	290.662	275.591	260.066	249.924	229.315

ESCALÓN MW	323	300	285	270	255	240	225
POTENCIA NETA medida TURBINA A GAS [kW]	199.782	189.551	178.783	167.660	156.388	148.692	133.889
POTENCIA NETA medida TURBINA A VAPOR [kW]	107.489	103.289	98.946	95.404	91.724	89.389	84.392
POTENCIA NETA CICLO COMBINADO MEDIDA [kW]	307.271	292.840	277.730	263.064	248.112	238.081	218.281

ESCALÓN MW	323	300	285	270	255	240	225
POTENCIA NETA CORREGIDA [kW]	306.232	291.396	275.892	262.179	247.325	238.408	219.843
POTENCIA BRUTA CORREGIDA [kW]	319.974	304.633	288.824	274.705	259.279	250.251	230.877

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

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Factores de Corrección de la Potencia en Ciclo-Combinado

Corrección de la Potencia por Factor de Potencia del Generador							
TURBINA A GAS (desde POWER FACTOR CONVERSION / TG CC)							
ESCALÓN MW	323	300	285	270	255	240	225
Potencia Bruta Medida kW	208.702	198.140	187.125	175.700	163.976	156.183	140.786
Factor de Potencia Nominal	0,950	0,95	0,95	0,95	0,95	0,95	0,95
Pérdidas del generador a la potencia medida y al factor de potencia de referencia 0,95	2.626	2.580	2.519	2.448	2.381	2.337	2.279
Factor de Potencia Medido	0,9559	0,9536	0,9548	0,9485	0,9481	0,9440	0,9489
Pérdidas del generador a la potencia medida y el factor de potencia medido, para cada generador	2.645	2.562	2.495	2.440	2.380	2.346	2.268
Factor de corrección de la potencia TG desde el factor de potencia medido al factor de potencia de referencia [kW]	1,000091	0,99991	0,99987	0,99996	0,99999	1,00006	0,99992
TURBINA A VAPOR (desde POWER FACTOR CONVERSION / TV CC)							
ESCALÓN MW	323	300	285	270	255	240	225
Potencia Bruta Medida kW	112.312	107.937	103.536	99.891	96.089	93.741	88.529
Pérdidas del generador a la potencia medida y al factor de potencia de referencia (0,95) [kW]	1.539	1.515	1.481	1.453	1.432	1.398	1.372
Factor de Potencia Medido	0,9569	0,9576	0,9507	0,9529	0,9458	0,9455	0,9478
Pérdidas del generador a la potencia medida y el factor de potencia medido, para cada generador [kW]	1.465	1.432	1.409	1.383	1.366	1.353	1.322
Factor de corrección de la potencia TV desde el factor de potencia medido al factor de potencia de referencia [kW]	0,99933	0,99923	0,99930	0,99930	0,99932	0,99952	0,99943
Factor de Corrección de la Potencia por FP [kW]	0,99942	0,99914	0,99918	0,99926	0,99931	0,99957	0,99934

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Corrección de la Potencia por Temperatura de Entrada al Compresor (Curvas 3635)

ESCALÓN MW	323	300	285	270	255	240	225
Temperatura Ambiente Medida [°C]	14,7	14,2	13,8	14,5	14,6	15,5	16,7
Corrección de la potencia a la temperatura ambiente medida [kW]	-315	-715	-973	-376	-311	359	1.065
Temperatura Ambiente Nominal [°C]	15	15	15	15	15	15	15
Corrección de la potencia a la temperatura ambiente nominal [kW]	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de corrección de la Potencia por Temperatura de Entrada al Compresor	0,99849	0,99639	0,99480	0,99786	0,99810	1,00230	1,00757

Corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor (Curvas 3636)

ESCALÓN MW	323	300	285	270	255	240	225
Humedad Relativa Medida [%]	82,31	81,65	82,73	81,87	84,52	80,33	74,61
Corrección de la potencia por la humedad relativa medida [kW]	-125	-117	-114	-104	-105	-88	-62
Humedad Relativa Nominal [%]	60,0	60,0	60,0	60,0	60,0	60,0	60,0
Corrección de la potencia por la humedad relativa nominal [kW]	0,00000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000
Factor de corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor	0,9988846	0,9989202	0,9989015	0,9989584	0,9989107	0,9990621	0,9993043

Corrección de la Potencia por la Presión en la Entrada de la TG (Curvas 3824)

ESCALÓN MW	323	300	285	270	255	240	225
Presión Barométrica [bar]	1,00723	1,00623	1,00598	1,00628	1,00700	1,00777	1,00808
Corrección de la potencia a la caída de presión medida [kW]	8	6	5	5	6	7	7
Presión Barométrica Nominal [mbar]	1,0037	1,0037	1,0037	1,0037	1,0037	1,0037	1,0037
Corrección de la potencia a la caída de presión nominal [kW]	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000
Factor de corrección de la Potencia por la Caída de Presión en la Entrada de la TG	0,99996	0,99997	0,99997	0,99997	0,99996	0,99995	0,99995

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

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Cálculo del Consumo Específico Neto en Ciclo-Combinado

El Consumo Específico Neto para cada nivel de carga se calculó mediante el método Entrada – Salida; dónde la entrada corresponde a la energía química total disponible en el combustible, basada en el poder calorífico superior y la salida corresponde a la energía neta total generada por la unidad.

ESCALÓN	323	300	285	270	255	240	225
Flujo máxico de diesel [kg/h]	48.383	46.271	44.047	42.078	39.887	38.579	35.850
Densidad del Diesel [kg/m ³] (15 °C)	836,5000	836,4000	836,3000	836,0000	835,6000	835,3000	835,2000
Poder Calorifico Sup. Bruto Actual [kcal/m ³]	10.929	10.930	10.929	10.932	10.933	10.929	10.934
Tasa de Consumo de Calor Medida [kcal/h]	528.795.318	505.740.528	481.413.791	459.978.190	436.075.452	421.645.827	391.979.514
CONSUMO ESPECÍFICO NETO MEDIDO [kcal/kWh]	1.721	1.727	1.733	1.749	1.758	1.771	1.796
CONSUMO ESPECÍFICO NETO CORREGIDO [kcal/kWh]	1.712	1.720	1.727	1.742	1.749	1.762	1.786

Factores de Corrección del Consumo Específico Neto en Ciclo-Combinado

Corrección del Consumo Especifico por la Temperatura de Entrada al Compresor (Curvas 3635)

ESCALÓN MW	323	300	285	270	255	240	225
Temperatura Ambiente Medida [°C]	14,7	14,2	13,8	14,5	14,6	15,5	16,7
Corrección del consumo específico neto por la temperatura ambiente medida [kW]	-0,000030	-0,0001	-0,0000809	-0,000041	-0,000037	0,000056	0,000226
Temperatura Ambiente Nominal [°C]	15	15	15	15	15	15	15
Corrección del consumo específico neto por la temperatura ambiente nominal	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de Corrección del Consumo Especifico Neto por la Temperatura de Entrada al Compresor	0,99997	0,99994	0,99992	0,99996	0,99996	1,00006	1,00023

Corrección del consumo específico por la Humedad Relativa en la Entrada del Compresor (Curvas 3636)

ESCALÓN	323	300	285	270	255	240	225
Humedad Relativa Medida [%]	82,31	81,65	82,73	81,87	84,52	80,33	74,61
Corrección del consumo específico neto por la humedad relativa medida	-0,0009720	-0,0009434	-0,0009903	-0,0009528	-0,0010682	-0,0008859	-0,0006365
Humedad Relativa Nominal [%]	60	60	60	60	60	60	60
Corrección del consumo específico neto por la humedad relativa nominal	0,0000000	0,0000000	0,0000000	0,0000000	0,0000000	0,0000000	0,0000000
Factor de corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor	0,9990280	0,9990566	0,9990097	0,9990472	0,9989318	0,9991141	0,9993635

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Corrección del consumo específico por la Presión en la Entrada de la TG (Curvas 3637)

ESCALÓN	323	300	285	270	255	240	225
Presión Barométrica Medida [bar]	1,0072	1,0062	1,0060	1,0063	1,0070	1,0078	1,0081
Corrección del consumo específico neto por la presión barométrica medida	0,0039	0,0028	0,0025	0,0029	0,0037	0,0045	0,0049
Presión Barométrica Nominal [mbar]	1,00370	1,00370	1,00370	1,00370	1,00370	1,00370	1,00370
Corrección del consumo específico neto por la presión barométrica nominal	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Factor de corrección del Consumo Específico Neto por la Presión en la Entrada de la TG	0,99608	0,99718	0,99746	0,99713	0,99633	0,99548	0,99513

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Cálculo de la Incertidumbre en Ciclo-Combinado

La incertidumbre de la prueba se determinó siguiendo los lineamientos de los códigos ASME PTC 22 y ASME PTC 19.1.

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

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**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
323MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA $U_{b,s}$	SENSIBILIDAD θ	$(U_{b,s} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_s	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA $U_{a,s}$	$(U_{a,s} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, $U_{t,s}^2$	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019			
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019				
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0016	2,0	0,00329	0,00000460	0,00000460			
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002			
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002				
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0022	2,0	0,00442	0,0028797	0,0028797			
	POTENCIA NETA														SUMA	0,002885	0,0537	0,25%
	POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
						3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
1						Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
POTENCIA BRUTA Turbina a Vapor		POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
POTENCIA BRUTA														SUMA	0,00008%	0,0009	0,25%	
ENTRADA DE CALOR		FLUJO	FLUJO DE DIESEL A LA TG	60FE101 01EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,0000009%	721	0,0001	1,960	0,00015	0,000151836	0,000151926		
		FLUJO	FLUJO RETORNO DIESEL	70FE101 01EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,0000009%	721	0,0032	1,960	0,00633	0,006325919	0,006326009		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
ENTRADA DE CALOR														SUMA	0,006478	0,0805	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0029		0,25%
	ENTRADA DE CALOR															0,0065		0,65%
CONSUMO ESPECÍFICO NETO														SUMA	0,0094	0,0968	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026			
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026				
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0039	2,0	0,00775	0,0000000347	0,00000003522			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,0000000%						0,00000000012			
					3	TC	± 0,067%	0,00512 % / %	0,0000000%					0,00000000012				
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,0000000%	61	0,0026	1,671	0,00438	0,00000000050	0,000000000511			
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963			
					3	TC	± 0,067%	0,6532 % / %	0,00000%					0,00000018963				
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0016	2,0	0,00329089362	0,00000462085	0,00000462431	0,25%		
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,000000005			
					3	TC	± 0,067%	0,3491 % / %	0,000005%					0,000000005				
					1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0026	2,0	0,00524607	0,00000335	0,00000340	0,25%		

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
323MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_b	SENSIBILIDAD θ	$(U_b \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_t^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,000043 % / %	0,000000%	61	0,0308	2,0	0,06150269	0,00378311	0,00378311		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,6137	2,0	1,22743361	1,50890679	1,50890679		0,60 °C
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,0002	2,0	0,00043340	0,00002147	0,00002147		0,075%
POTENCIA CORREGIDA														SUMA	1,512720	1,2299	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0308	2,0	0,06150	0,0037838	0,0037838		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,6137	2,0	1,22743	1,5088947	1,5088947		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,000000000	61	0,0002	2,0	0,00043	0,0000084	0,0000084		
	Consumo Especifico Neto															0,00936	
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	1,52205	1,2337	1,25%

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
300MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{Ax}	$(U_{Ax} * \theta)^2$	INCERTIDUMBRE TOTAL, U_1^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0033	2,0	0,00661	0,00001854	0,00001854		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0025	2,0	0,00493	0,0032124	0,0032124		
POTENCIA NETA													SUMA	0,003232	0,0568	0,25%	
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA			No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA			No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
POTENCIA BRUTA													SUMA	0,00008%	0,0009	0,25%	
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	60FE10101EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0019	1,960	0,00363	0,003628896	0,003628896		
	FLUJO	FLUJO RETORNO DIESEL	70FE10101EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0025	1,960	0,00495	0,004947641	0,004947731		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	± 0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA	0,000000442			
ENTRADA DE CALOR													SUMA	0,008577	0,0926	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0032	0,25%
	ENTRADA DE CALOR															0,0086	0,65%
CONSUMO ESPECÍFICO NETO													SUMA	0,0118	0,1087	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026		
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026			
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0043	2,0	0,00869	0,0000000436	0,00000004413		
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,00000000%						0,00000000012		
					3	TC	± 0,067%	0,00512 % / %	0,00000000%					0,00000000012			
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,00000000%	61	0,0055	1,671	0,00925	0,0000000224	0,00000002248		
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963		
					3	TC	± 0,067%	0,6532 % / %	0,0000%					0,00000018963			
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0033	2,0	0,00660727306	0,00001862684	0,00001863029		0,25%
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,00000005		
					3	TC	± 0,067%	0,3491 % / %	0,000005%					0,00000005			

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
300MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_1^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
		PJ - 0911A481-02	FACTURACIÓN		1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0025	2,0	0,00492947	0,00000296	0,00000301		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000043 % / %	0,000000%	61	0,0003	2,0	0,00053363	0,00000029	0,00000029		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,3906	2,0	0,78119729	0,61174196	0,61174196		0,60 °C
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,0001	2,0	0,00027234	0,00002000	0,00002000		0,075%
POTENCIA CORREGIDA														SUMA	0,611784	0,78216647	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0003	2,0	0,00053	0,0000003	0,0000003		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,3906	2,0	0,78120	0,6117343	0,6117343		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,000000000	61	0,0001	2,0	0,00027	0,0000075	0,0000075		
Consumo Especifico Neto															0,01181		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,62355	0,7897	1,25%

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
285MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sx}	SENSIBILIDAD θ	$(U_{sx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0029	2,0	0,00587	0,00001466	0,00001466		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0036	2,0	0,00727	0,0047402	0,0047402		
POTENCIA NETA													SUMA	0,004756	0,0690	0,25%	
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador	
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador	
POTENCIA BRUTA													SUMA	0,00008%	0,0009	0,25%	
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	60FE10101EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0018	1,960	0,00348	0,003478722	0,003478812		
	FLUJO	FLUJO RETORNO DIESEL	70FE10101EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0024	1,960	0,00474	0,004744307	0,004744397		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	± 0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442		
ENTRADA DE CALOR													SUMA	0,008224	0,0907	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0048	0,25%
	ENTRADA DE CALOR															0,0082	0,65%
CONSUMO ESPECÍFICO NETO													SUMA	0,0130	0,1139	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026		
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026			
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0022	2,0	0,00447	0,0000000115	0,00000001203		
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,00000000%						0,000000000012		
					3	TC	± 0,067%	0,00512 % / %	0,00000000%					0,000000000012			
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,00000000%	61	0,0032	1,671	0,00533	0,0000000074	0,00000000752		
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963		
					3	TC	± 0,067%	0,6532 % / %	0,0000%					0,00000018963			
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0029	2,0	0,00587488872	0,00001472631	0,00001472976	0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,000000005		
3					TC	± 0,067%	0,3491 % / %	0,000005%					0,000000005				

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
285MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{Kx}	$(U_{Kx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
		PJ - 0911A481-02	FACTURACIÓN		1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0036	2,0	0,00727392	0,00000645	0,00000649		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000043 % / %	0,000000%	61	0,0330	2,0	0,06609035	0,00436850	0,00436850		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,4286	2,0	0,85719785	0,73640411	0,73640411		0,60 °C
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,000031	2,0	0,00006255	0,00001817	0,00001817		0,075%
POTENCIA CORREGIDA														SUMA	0,740812	0,86070465	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0330	2,0	0,06609	0,0043693	0,0043693		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,4286	2,0	0,85720	0,7363957	0,7363957		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,0000000000	61	0,000031	2,0	0,00006	0,0000064	0,0000064		
Consumo Especifico Neto															0,01298		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,75375	0,8682	1,25%

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
270MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{Ax}	$(U_{Ax} * \theta)^2$	INCERTIDUMBRE TOTAL, U_1^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0036	2,0	0,00730	0,00002260	0,00002260		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0033	2,0	0,00666	0,0043371	0,0043371		
POTENCIA NETA													SUMA	0,004360	0,0660	0,25%	
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador	
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador	
POTENCIA BRUTA													SUMA	0,00008%	0,0009	0,25%	
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	60FE10101EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0024	1,960	0,00471	0,004712174	0,004712264		
	FLUJO	FLUJO RETORNO DIESEL	70FE10101EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0027	1,960	0,00537	0,005370882	0,005370972		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	± 0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442		
ENTRADA DE CALOR													SUMA	0,010084	0,1004	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA														0,0044	0,25%	
	ENTRADA DE CALOR														0,0101	0,65%	
CONSUMO ESPECÍFICO NETO													SUMA	0,0144	0,1202	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026		
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026			
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0023	2,0	0,00460	0,0000000122	0,00000001271		
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,00000000%						0,000000000012		
					3	TC	± 0,067%	0,00512 % / %	0,00000000%					0,000000000012			
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,00000000%	61	0,0024	1,671	0,00403	0,00000000043	0,000000000433		
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963		
					3	TC	± 0,067%	0,6532 % / %	0,0000%					0,00000018963			
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0036	2,0	0,00729569370	0,00002271056	0,00002271401		0,25%
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,00000005		
3					TC	± 0,067%	0,3491 % / %	0,000005%					0,00000005				

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
270MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_1^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
		PJ - 0911A481-02	FACTURACIÓN		1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0033	2,0	0,00665540	0,00000540	0,00000544		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000043 % / %	0,000000%	61	0,0187	2,0	0,03730477	0,00139197	0,00139197		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,2839	2,0	0,56782071	0,32349108	0,32349108		0,60 °C
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,0001	2,0	0,00029176	0,00002018	0,00002018		0,075%
POTENCIA CORREGIDA														SUMA	0,324932	0,5700280	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0187	2,0	0,03730	0,0013924	0,0013924		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,2839	2,0	0,56782	0,3234855	0,3234855		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,0000000000	61	0,0001	2,0	0,00029	0,0000076	0,0000076		
Consumo Especifico Neto															0,01444		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,33933	0,5825	1,25%

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
255MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sx}	SENSIBILIDAD θ	$(U_{sx} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019			
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019				
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0043	2,0	0,00862	0,00003158	0,00003158			
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002			
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002				
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0037	2,0	0,00732	0,0047674	0,0047674			
POTENCIA NETA													SUMA	0,004800	0,0693	0,25%		
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
POTENCIA BRUTA													SUMA	0,00008%	0,0009	0,25%		
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	60FE10101EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0018	1,960	0,00362	0,003621234	0,003621234			
	FLUJO	FLUJO RETORNO DIESEL	70FE10101EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0023	1,960	0,00453	0,004533375	0,004533465			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
ENTRADA DE CALOR													SUMA	0,008155	0,0903	0,65%		
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0048		0,25%
	ENTRADA DE CALOR															0,0082		0,65%
CONSUMO ESPECÍFICO NETO													SUMA	0,0130	0,1138	1,25%		
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026			
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026				
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0065	2,0	0,01290	0,0000000962	0,00000009668			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,00000000%						0,00000000012			
					3	TC	± 0,067%	0,00512 % / %	0,00000000%					0,00000000012				
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,00000000%	61	0,0048	1,671	0,00803	0,0000000169	0,00000001695			
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963			
					3	TC	± 0,067%	0,6532 % / %	0,0000%					0,00000018963				
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0043	2,0	0,00862375043	0,00003173123	0,00003173469		0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,000000005			
3					TC	± 0,067%	0,3491 % / %	0,000005%					0,000000005					

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
255MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sx}	SENSIBILIDAD θ	$(U_{sx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{sx}	$(U_{sx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
		PJ - 0911A481-02	FACTURACIÓN		1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0037	2,0	0,00731567	0,00000652	0,00000657		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000043 % / %	0,000000%	61	0,0159	2,0	0,03179377	0,00101112	0,00101112		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,2588	2,0	0,51763729	0,26892454	0,26892454		0,60 °C
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,0002	2,0	0,00035606	0,00002076	0,00002076		0,075%
POTENCIA CORREGIDA														SUMA	0,269995	0,5196106	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0159	2,0	0,03179	0,0010115	0,0010115		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,2588	2,0	0,51764	0,2689194	0,2689194		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,0000000000	61	0,0002	2,0	0,00036	0,0000080	0,0000080		
Consumo Especifico Neto															0,01295		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,28289	0,5319	1,25%

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
240MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sx}	SENSIBILIDAD θ	$(U_{sx} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_1^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019			
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019				
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0043	2,0	0,00859	0,00003135	0,00003135			
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002			
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002				
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0039	2,0	0,00789	0,0051424	0,0051424			
POTENCIA NETA													SUMA	0,005175	0,0719	0,25%		
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%			
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%				
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador		
POTENCIA BRUTA													SUMA	0,00008%	0,0009	0,25%		
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	60FE10101EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0017	1,960	0,00343	0,003426965	0,003427055			
	FLUJO	FLUJO RETORNO DIESEL	70FE10101EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0022	1,960	0,00433	0,004328151	0,004328241			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
ENTRADA DE CALOR													SUMA	0,007756	0,0881	0,65%		
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0052		0,25%
	ENTRADA DE CALOR															0,0078		0,65%
CONSUMO ESPECÍFICO NETO													SUMA	0,0129	0,1137	1,25%		
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026			
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026				
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0044	2,0	0,00888	0,0000000455	0,00000004602			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,00000000%						0,000000000012			
					3	TC	± 0,067%	0,00512 % / %	0,00000000%					0,000000000012				
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,00000000%	61	0,0049	1,671	0,00824	0,0000000178	0,00000001788			
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963			
					3	TC	± 0,067%	0,6532 % / %	0,0000%					0,00000018963				
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0043	2,0	0,00859133674	0,00003149315	0,00003149660		0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,000000005			
3					TC	± 0,067%	0,3491 % / %	0,000005%					0,000000005					

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
240MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{Kx}	$(U_{Kx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
		PJ - 0911A481-02	FACTURACIÓN		1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0039	2,0	0,00789113	0,00000759	0,00000763		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000043 % / %	0,000000%	61	0,0127	2,0	0,02543505	0,00064716	0,00064716		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,2071	2,0	0,41423867	0,17237504	0,17237504		0,60 °C
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,0002	2,0	0,00032510	0,00002048	0,00002048		0,075%
POTENCIA CORREGIDA														SUMA	0,173082	0,4160316	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0127	2,0	0,02544	0,0006475	0,0006475		
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,2071	2,0	0,41424	0,1723710	0,1723710		
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,0000000000	61	0,0002	2,0	0,00033	0,0000078	0,0000078		
Consumo Especifico Neto															0,01293		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,18596	0,4312	1,25%

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
225MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sx}	SENSIBILIDAD θ	$(U_{sx} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_1^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000019		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0042	2,0	0,00833	0,00002946	0,00002946		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 1 ION 7650 PJ - 0911A481-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6517 % / %	0,0000001887						0,00000002		
					3	TC	± 0,07%	0,6517 % / %	0,0000001887					0,00000002			
					1	Medidor de Energía	± 0,009%	0,6517 % / %	0,0000000034	61	0,0031	2,0	0,00628	0,0040952	0,0040952		
POTENCIA NETA													SUMA	0,004125	0,0642	0,25%	
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador	
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 1 ION 8600 PT - 1210A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,65831 % / %	0,00002%						0,00002%		
					3	TC	± 0,067%	0,6583 % / %	0,00002%					0,00002%			
					1	Medidor de Energía	± 0,093%	0,65831 % / %	0,000037%	2	NA	NA				No hay Desviación Estándar por que el valor medido se determina a partir de la lectura inicial y final del integrador	
POTENCIA BRUTA													SUMA	0,00008%	0,0009	0,25%	
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	60FE101 01EGD60CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0017	1,960	0,00325	0,003248956	0,003249046		
	FLUJO	FLUJO RETORNO DIESEL	70FE101 01EGD70CF101	6804 kg/min	1	Coriolis	± 0,0300%	1,00000 % / %	0,000009%	721	0,0021	1,960	0,00411	0,004109486	0,004109576		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis		0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA		0,000000442		
ENTRADA DE CALOR													SUMA	0,007359	0,0858	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0041	0,25%
	ENTRADA DE CALOR															0,0074	0,65%
CONSUMO ESPECÍFICO NETO													SUMA	0,0115	0,1072	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 1 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00760 % / %	0,000000003%						0,00000000026		
					3	TC	± 0,067%	0,0076 % / %	0,000000003%					0,00000000026			
					1	Medidor de Energía	± 0,093%	0,00760 % / %	0,000000005%	61	0,0049	2,0	0,00987	0,0000000563	0,0000000567		
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 1 ION 8600 PT - 0807A491-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,067%	0,00512 % / %	0,00000000%						0,00000000012		
					3	TC	± 0,067%	0,00512 % / %	0,00000000%					0,00000000012			
					1	Medidor de Energía	± 0,052%	0,00512 % / %	0,00000000%	61	0,0047	1,671	0,00778	0,0000000159	0,00000001592		
	POTENCIA	POTENCIA NETA TG 1 ION 7650 PJ - 0911A504-02	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,6532 % / %	0,00002%						0,00000018963		
					3	TC	± 0,067%	0,6532 % / %	0,0000%					0,00000018963			
					1	Medidor de Energía	± 0,009%	0,6532 % / %	0,00000%	61	0,0042	2,0	0,00832898676	0,00002959913	0,00002960259	0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 1 ION 7650	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,3491 % / %	0,000005%						0,00000005		
3					TC	± 0,067%	0,3491 % / %	0,000005%					0,00000005				

**INCERTIDUMBRE NEH1 CICLO COMBINADO DIESEL
225MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{Kx}	$(U_{Kx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
		PJ - 0911A481-02	FACTURACIÓN		1	Medidor de Energía	± 0,061%	0,3491 % / %	0,000005%	61	0,0031	2,0	0,00628421	0,00000481	0,00000486		0,25%	
	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0000043 % / %	0,000000%	61	0,0117	2,0	0,02333321	0,00054464	0,00054464		2,00%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0009 % / °C	0,0000	61	0,1669	2,0	0,33385197	0,11208704	0,11208704		0,60 °C	
	Presión	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0042 % / %	0,0000	61	0,000047	2,0	0,00009418	0,00001844	0,00001844		0,075%	
POTENCIA CORREGIDA														SUMA	0,112685	0,3356860	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	11UMB10CM001	70%	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00001 % / %	0,0000000	61	0,0117	2,0	0,02333	0,0005449	0,0005449			
	Temperatura	Temperatura Ambiente Entrada al Compresor	11UMB10CT001	15 °C	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,00094 % / %	0,00000000	61	0,1669	2,0	0,33385	0,1120838	0,1120838			
	Presión Diferencial	Presión Barométrica Entrada al Compresor	11UMB10CP001	1003,7 mbar	1	Estación Meteorológica VAISALA PTU303	± 0,01%	0,0025 % / %	0,0000000000	61	0,0000	2,0	0,00009	0,0000066	0,0000066			
Consumo Especifico Neto														SUMA	0,01148	0,12412	0,3523	1,25%
CONSUMO ESPECÍFICO NETO CORREGIDO																		

Capítulo 4 Resultados

En las tablas siguientes se presenta un cuadro resumen con los resultados obtenidos en la prueba. Los datos se ordenaron por escalón de carga en orden descendentes. La tabla se divide verticalmente en tres secciones, la primera se refiere a la configuración utilizada, la segunda a la potencia neta medida y corregida y la tercera al consumo específico neto medido y corregido.

Durante la prueba se cumplió con el límite de emisiones, que para el caso del gas natural es 50 mg/Nm³ de NOx según el DS N°13.

Un resumen de los resultados de la prueba de consumo específico neto para la configuración en ciclo-abierto se presenta en las Tablas 4.1-1 y 4.1-2, para ciclo-combinado en las Tablas 4.2-1 y 4.2-2. En la Tabla 4.3-1 se muestra el consumo específico neto de los fuegos adicionales.

Tabla 4.1-1 POTENCIA NETA Y CONSUMO ESPECÍFICO CICLO-ABIERTO

		POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh		
CONFIGURACIÓN	CICLO ABIERTO	MEDIDO	CORREGIDO	INCERTIDUMBRE < 0,80%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%
COMBUSTIBLE DIESEL							
Escalón 221 MW	DIESEL	204.400	203.337	±0,2736%	2.604	2.589	±0,6221%
Escalón 208 MW	DIESEL	191.887	192.560	±0,2555%	2.625	2.610	±0,3705%
Escalón 196 MW	DIESEL	182.178	186.776	±0,4935%	2.646	2.630	±0,4819%
Escalón 183 MW	DIESEL	172.249	178.979	±0,1275%	2.678	2.660	±0,8112%
Escalón 170 MW	DIESEL	162.139	169.389	±0,1597%	2.717	2.699	±0,4231%
Escalón 158 MW	DIESEL	151.757	158.538	±0,1039%	2.771	2.754	±0,3284%
Escalón 145 MW	DIESEL	140.172	145.926	±0,1170%	2.867	2.851	±0,6268%



Tabla 4.1-2 POTENCIA BRUTA CICLO-ABIERTO

ESCALÓN MW	213	204	195	187	178	169	160
POTENCIA BRUTA MEDIDA [kW]	211.481	200.952	191.850	184.092	175.236	166.304	157.393
POTENCIA BRUTA CORREGIDA [kW]	216.986	212.497	203.187	195.065	186.130	177.084	169.108
INCERTIDUMBRE	±0,0673%	±0,0673%	±0,0673%	±0,0673%	±0,0673%	±0,0673%	±0,0673%

Tabla 4.2-1 POTENCIA NETA Y CONSUMO ESPECÍFICO CICLO-COMBINADO

CONFIGURACIÓN	CICLO COMBINADO	POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh		
		MEDIDO	CORREGIDO	INCERTIDUMBRE < 0,80%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%
COMBUSTIBLE DIESEL							
Escalón 323 MW	DIESEL	307.271	306.232	± 1,2299 %	1.721	1.712	± 1,2337%
Escalón 300 MW	DIESEL	292.840	291.396	± 0,782 %	1.727	1.720	± 0,7897%
Escalón 285 MW	DIESEL	277.730	275.892	± 0,86070465 %	1.733	1.727	±0,8682%
Escalón 270 MW	DIESEL	263.064	262.179	± 0,5700280 %	1.749	1.742	± 0,5825%
Escalón 255 MW	DIESEL	248.112	247.325	± 0,5196106 %	1.758	1.749	± 0,5319%
Escalón 240 MW	DIESEL	238.081	238.408	± 0,4160316 %	1.771	1.762	± 0,4312%
Escalón 225 MW	DIESEL	218.281	219.843	± 0,3356860 %	1.796	1.786	± 0,3523%

Tabla 4.2-2 POTENCIA BRUTA CICLO-COMBINADO

ESCALÓN MW	323	300	285	270	255	240	
POTENCIA BRUTA MEDIDA [kW]	321.013	306.077	290.662	275.591	260.066	249.924	
POTENCIA BRUTA CORREGIDA [kW]	319.974	304.633	288.824	274.705	259.279	250.251	

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

Capítulo 5 Conclusiones

La Prueba de Consumo Específico se realizó siguiendo las indicaciones del protocolo de prueba y dando cumplimiento cabal a las directrices dadas en el Anexo Técnico Determinación de Consumos Específicos en Unidades Generadoras.

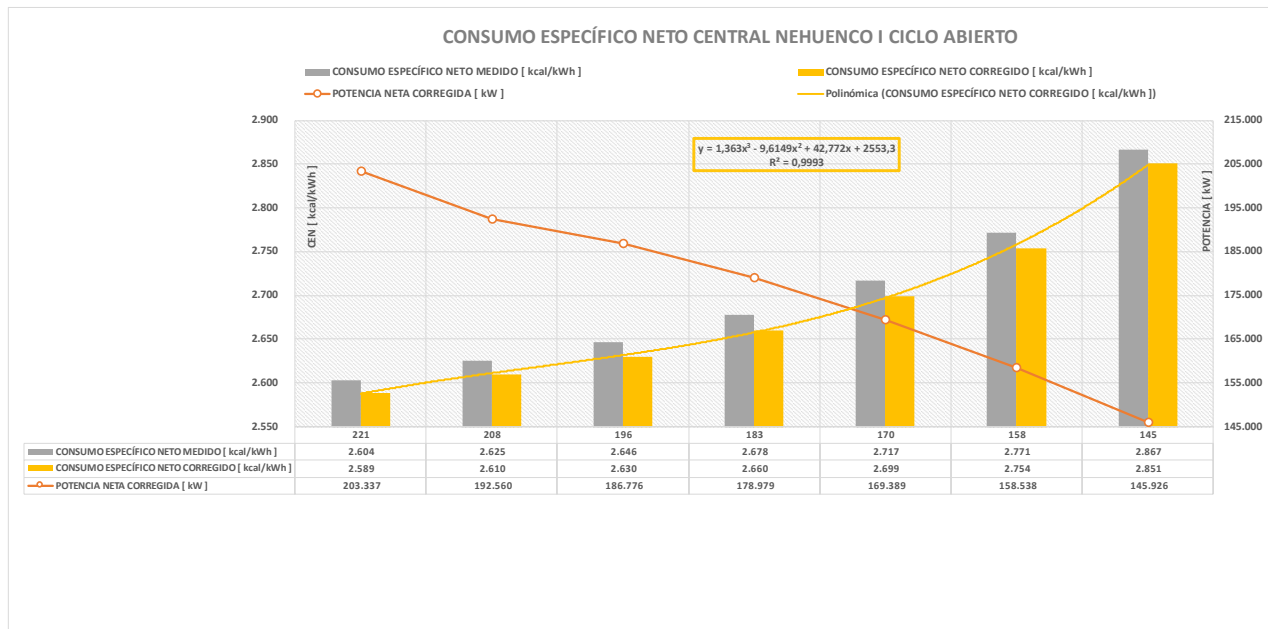


Figura 5-1 Potencia Neta vs CEN Ciclo Abierto Combustible GNL

En la Figura 5-1 representa el consumo específico versus la potencia neta en la configuración ciclo abierto con Combustible Líquido diesel, se aprecia que el consumo específico medido y el consumo específico corregido se mueven perfectamente en paralelo y va aumentando a medida que la potencia neta disminuye; lo cual, es consistente con el comportamiento esperado.

En la Figura 5-2 representa el consumo específico versus la potencia neta en la configuración ciclo combinado con diesel, se aprecia que el consumo específico medido y el consumo específico corregido se mueven perfectamente en paralelo y va aumentando a medida que la potencia neta disminuye; lo cual, es consistente con el comportamiento esperado.

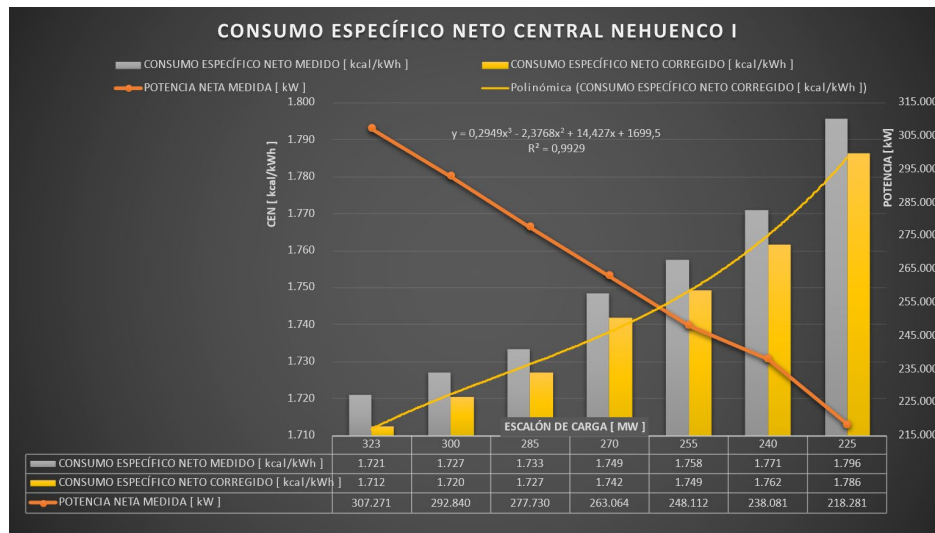


Figura 5-2 Potencia Neta vs CEN Ciclo Combinado Combustible GNL

Finalmente en la Figura 5-3 se muestra los aportes de los generadores a gas y vapor en forma individual y combinada; también muestra el comportamiento de la unidad generadora durante la prueba, confirmando que la prueba se desarrolló en condiciones estables.

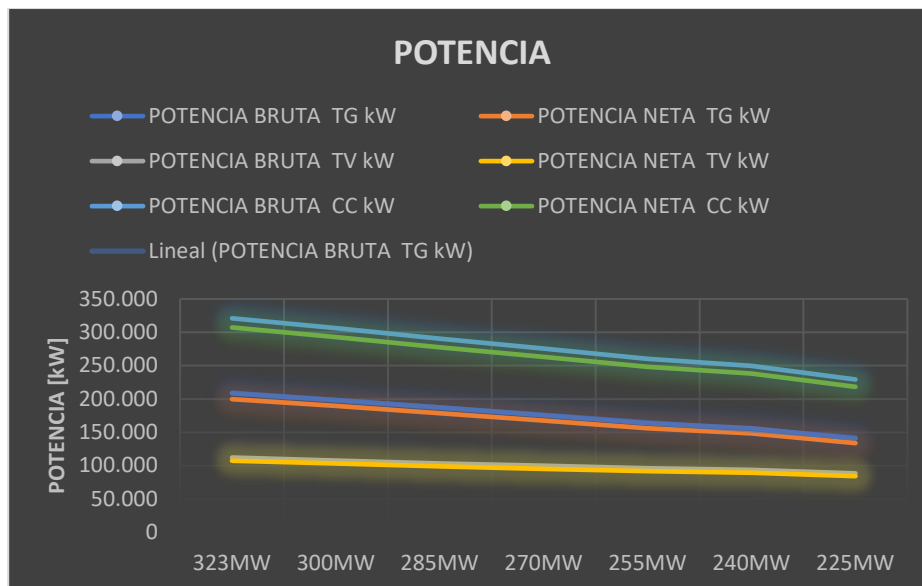


Figura 5-3 Aporte de Cada Generador a la Potencia del Ciclo



Capítulo 6 Apéndices

- A – 1 Curvas de Corrección
- A – 2 Certificados de Contrastación de Instrumentos
- A – 3 Protocolos de Análisis de Combustibles
- A – 4 Protocolo de Mediciones
- A – 5 Esquemas de Mediciones Principales
- A – 6 Esquema de Balances Térmicos

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



A – 1 Curvas de Corrección

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

CCPP NEHUENCO

GUD 1.V94.3A

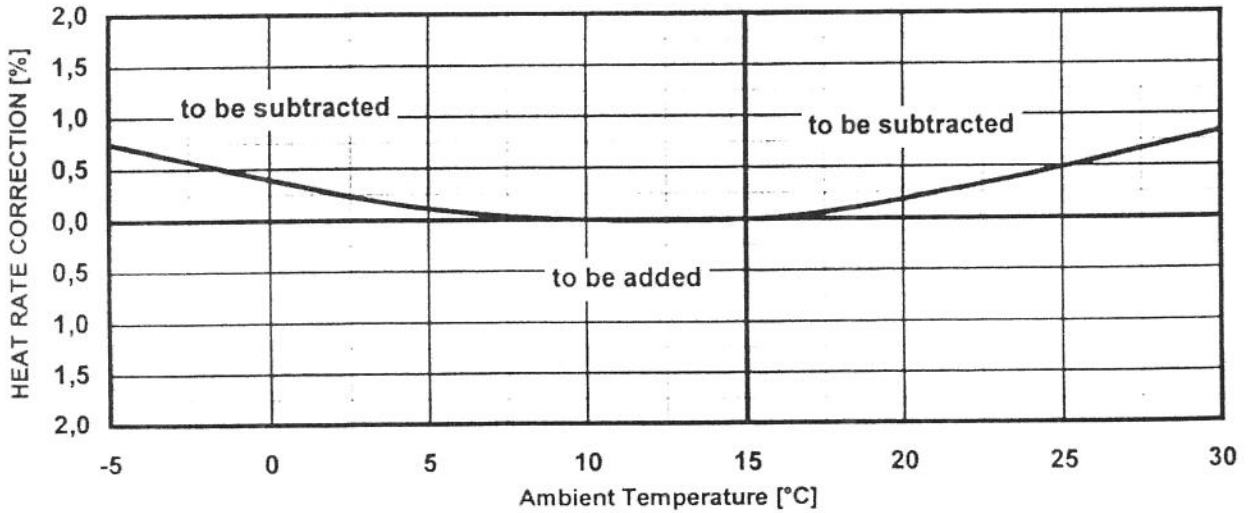
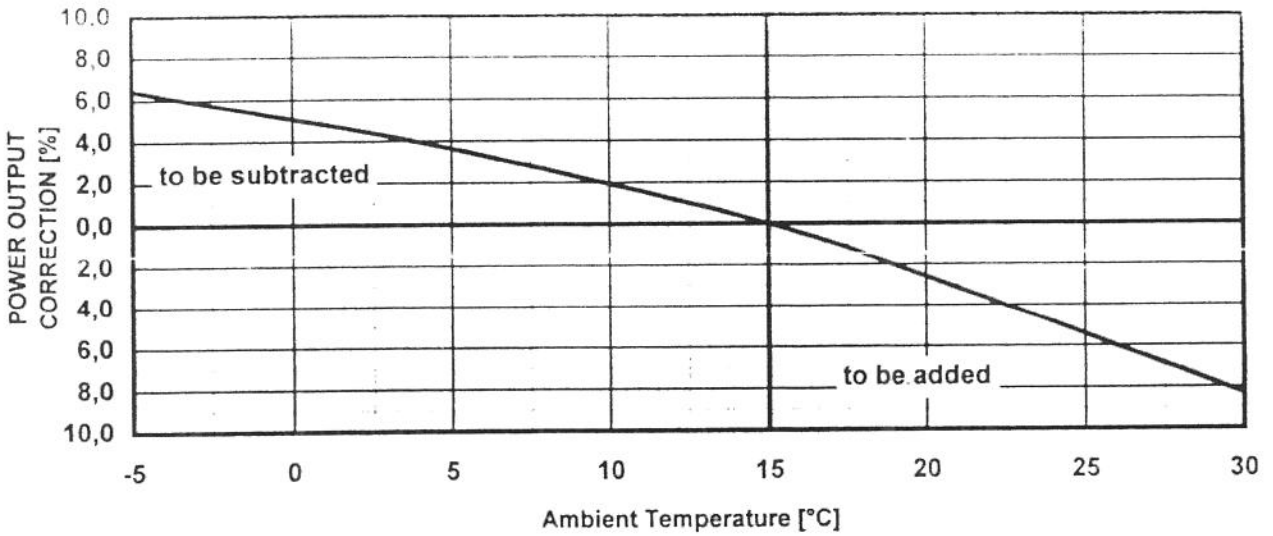
without Duct Firing

CC NET OUTPUT AND CC NET HEAT RATE CORRECTION VS AMBIENT TEMPERATURE

p_{amb} 1003,7 mbar (Elevation 74m)
LCV: 46 904 kJ/kg

Water Injection 2,661 kg/s
Turbine Speed 3000 1/min

$\cos(\phi)$ 0,85
 η_{amb} 60%



THE CURVES ARE VALID FOR CORRECTION OF MEASURED OUTPUT OR HEAT RATE

DRAWING No.: 3635 Rev.3

DRAWN: *[Signature]*

DEPARTMENT: TAP2

VERIFIED: *[Signature]*

ERLANGEN, 29.04.98

SIEMENS AG

UB KWU



CCPP NEHUENCO

GUD 1.V94.3A

without Duct Firing

CC NET OUTPUT AND CC NET HEAT RATE CORRECTION VS RELATIVE HUMIDITY

p_{amb} 1003,7 mbar (Elevation 74m)

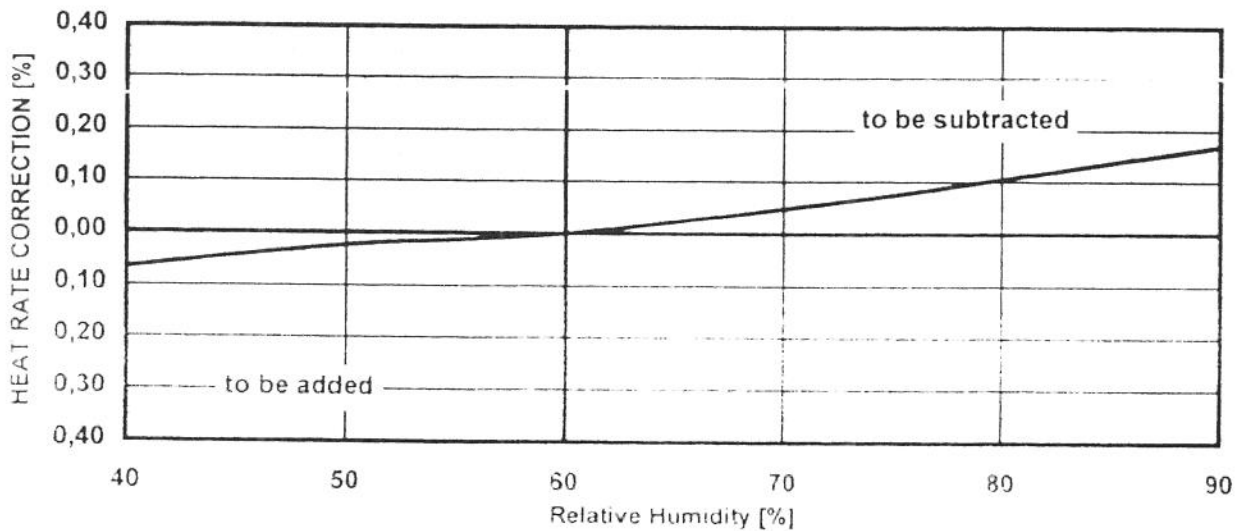
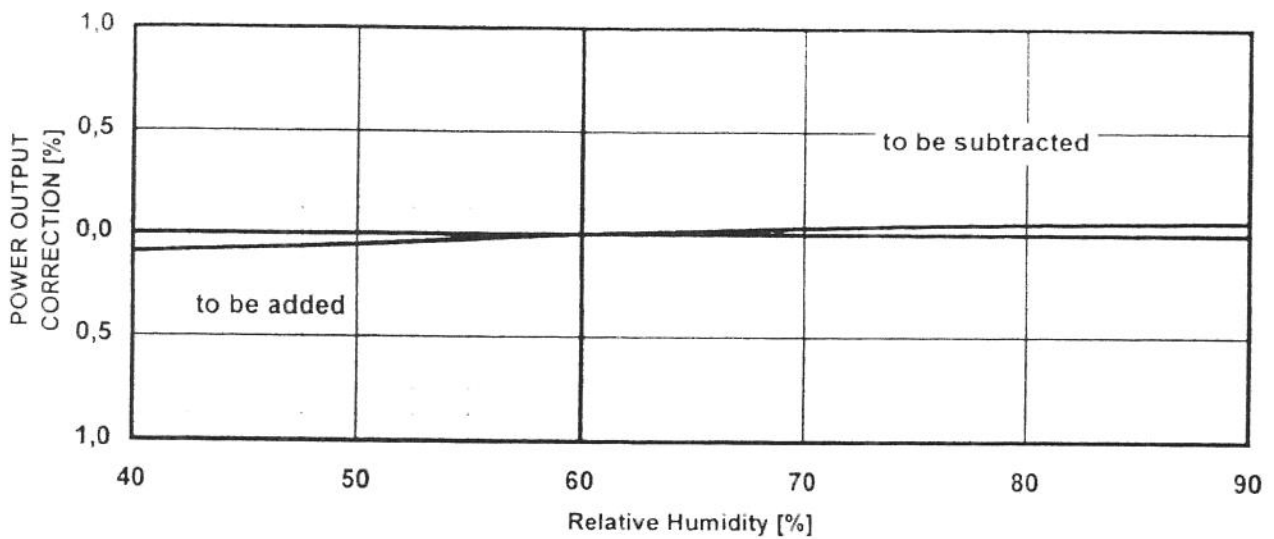
Water Injection 2,661 kg/s

$\cos(\phi)$ 0,85

LCV_{fuel} 46 904 kJ/kg

Turbine Speed 3000 1/min

T_{amb} 15 °C



THE CURVES ARE VALID FOR CORRECTION OF MEASURED OUTPUT OR HEAT RATE

DRAWING No.: 3636 Rev.3

DRAWN: *[Signature]*

DEPARTMENT: TAP2

VERIFIED: *[Signature]*

ERLANGEN, 29.04.98

SIEMENS AG

UB KWU



CCPP NEHUENCO

GUD 1.V94.3A

without Duct Firing

CC NET OUTPUT AND CC NET HEAT RATE CORRECTION
VS AMBIENT PRESSURE

T_{amb} 15°C

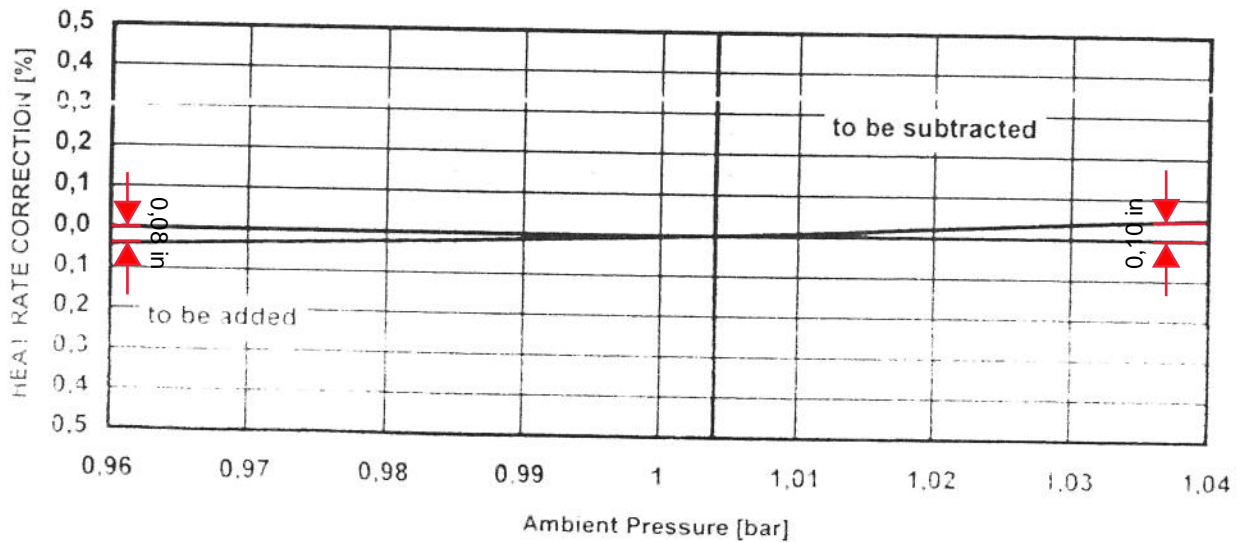
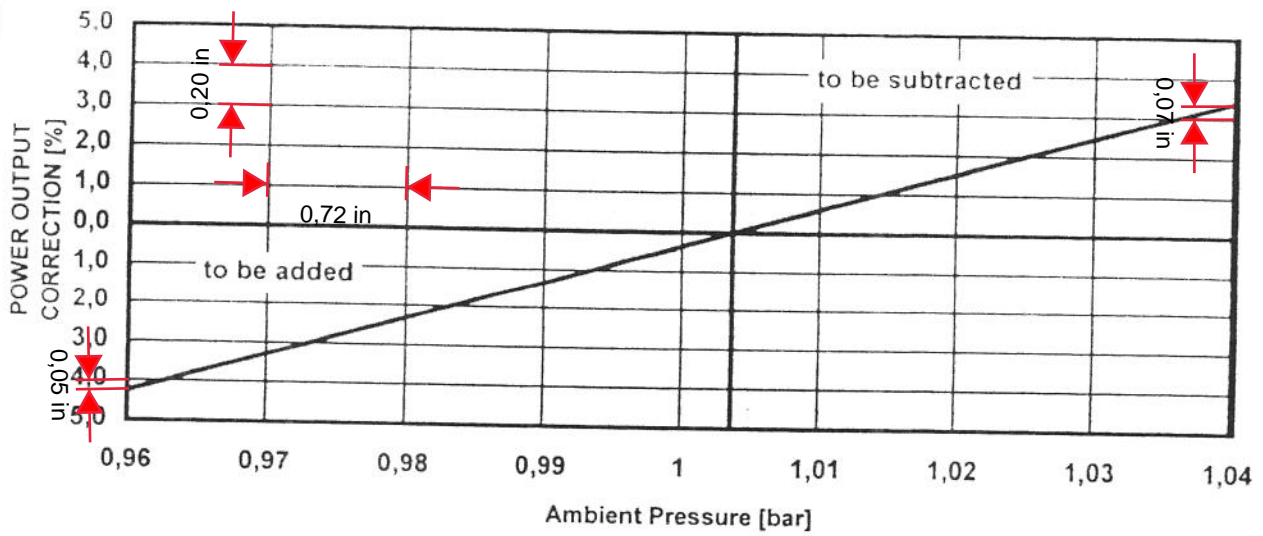
LCV_{fuel} 46 904 kJ/kg

Water Injection: 2,661 kg/s

Turbine Speed: 3000 1/min

$\cos(\phi)$ 0.85

η_{amb} 60%



THE CURVES ARE VALID FOR CORRECTION OF MEASURED OUTPUT OR HEAT RATE

DRAWING No.: 3637 Rev 3

DRAWN: *[Signature]*

DEPARTMENT: TAP2

VERIFIED: *[Signature]*

ERLANGEN, 29.04.98

SIEMENS AG

UB KWU



CCPP NEHUENCO

GUD 1.V94.3A

without Duct Firing

CC NET OUTPUT AND CC NET HEAT RATE CORRECTION VS INLET PRESSURE LOSS

p_{amb} 1003,7 mbar (Elevation 74m)

T_{amb} 15 °C

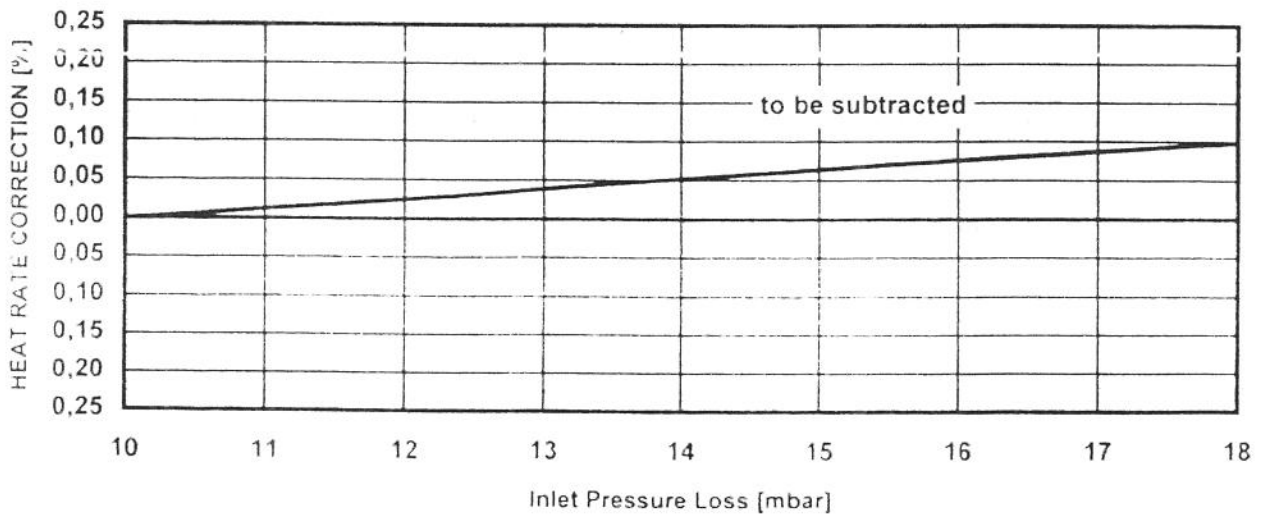
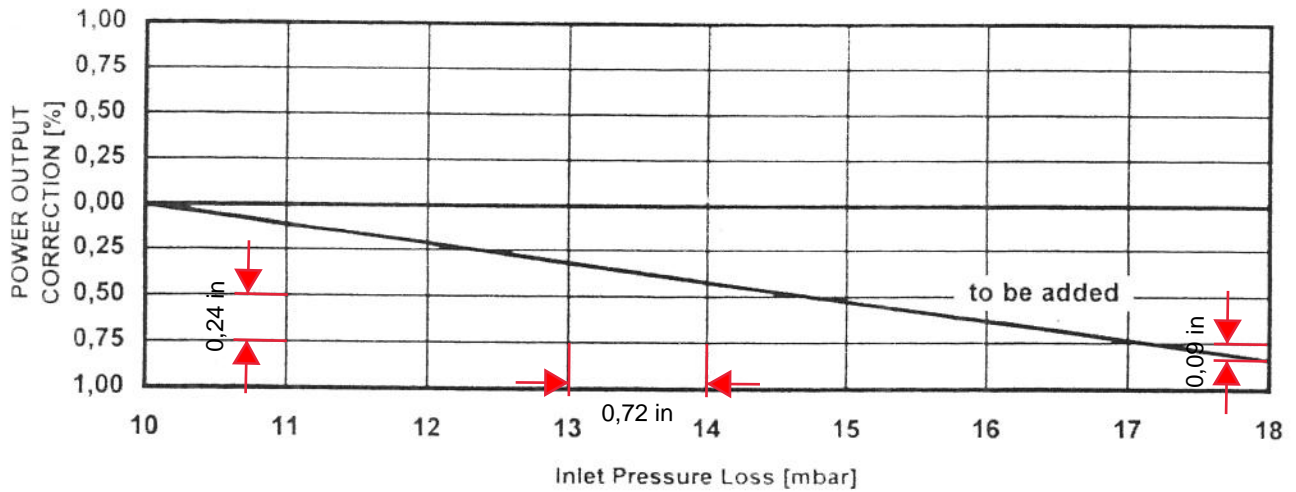
$\cos(\phi)$ 0.85

LCV_{fuel} 46.904 kJ/kg

Water Injection 2.661 kg/s

ϕ_{amb} 60%

Turbine Speed 3000 1/min



THE CURVES ARE VALID FOR CORRECTION OF MEASURED OUTPUT OR HEAT RATE

DRAWING No. 3824 Rev 1

DRAWN:

DEPARTMENT: TAP2

VERIFIED:

ERLANGEN, 29.04.98

SIEMENS AG

UB KWU





A – 2 Certificados de Contrastación de Instrumentos

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



CAM

ACTA DE INTERVENCIÓN DE SUBESTACIONES

CODIGO FP 20.3.2

S/E	SAN LUIS
FECHA INTERVENCIÓN	13-08-2017
PTO MED. ASOCIADO A	TG1
NOMBRE MANDANTE	COLBÚN

HORA LLEGADA	12:00
HORA INICIO	14:00
HORA TERMINO	15:15
HORA MEDIDOR	15:15
FECHA MEDIDOR	13-08-2017

ACTIVIDAD	
VERIFICACIÓN	X
REPROGRAMACIÓN	
INST. MEDIDOR	
ATENCIÓN FALLA	
CAMBIO BATERÍA	
CAMBIO MEDIDOR	
EXTRACCIÓN DATA	
LECTURA	
CALIBRACIÓN	
INST. TELEMEDIDA	
AJUSTE HORA	
LEVANTAMIENTO	
OTROS	

MEDIDOR SS/EE	ENCONTRADO	DEJADO
MARCA	SCHNEIDER	IDENTICO
MODELO	ION 7650	IDENTICO
TIPO	PANEL	IDENTICO
NUMERO	PJ-0911A504-02	IDENTICO
N° ELEMENTOS	3E - 4H	IDENTICO
CONST. LECT.	1	IDENTICO
CLASE	0,2	IDENTICO

MEDIDOR REMARCADOR	
MARCA	SCHNEIDER
MODELO	ION 8600
TIPO	S.BOARD
NUMERO	PT-0807A570-01
N° ELEMENTS	3E - 4H
CONST. LECT.	1
CLASE	0,2

IDENTIFICADOR DISPLAY	LECTURAS MEDIDOR S/E		
	ENCONTRADAS	DEJADAS	UNID.
ENERGÍA ACTIVA DIRECTA	6751640,500	IDENTICA	K
ENERGÍA REACTIVA DIRECTA	6552337,500	IDENTICA	K
ENERGÍA ACTIVA REVERSA	2124605,250	IDENTICA	K
ENERGÍA REACTIVA REVERSA	1750588,250	IDENTICA	K
DEMANDA MAX. DIRECTA			
DEMANDA MAX. REVERSA			
TIEMPO USO BATERÍA			
CUSTOMER			

ENCONTRADAS	DEJADAS	UNID.
0	368,797	K
0	272,792	K
0	0,000	K
0	0,000	K

STANDARD	
MARCA	MTE
MODELO	PTS 3.3C
NUMERO	35111
CLASE	0,05

SELLOS		
ENCONTRADO	DEJADOS	UBICACIÓN

PERMISO DESPACHO		
N°	HORA	NOMBRE

FECHA BATERÍA	

RESPONSABLES Y VEEDORES DE VERIFICACIÓN

EMPRESA	COLBÚN
NOMBRE	CRISTIAN AGUILERA
FIRMA	

EMPRESA	CAM CHILE
NOMBRE	FELIPE SANDOVAL
FIRMA	

EMPRESA	
NOMBRE	
FIRMA	

OBSERVACIONES	IP: 131.178.50.231
RTP: 230000/115	RPC: 1000/5

ACTA N° 4 INTERVENCIÓN DE EQUIPO DE MEDIDA



N° AI-EM	
EMPRESA COORDINADA	COLBÚN
SUBESTACIÓN/CENTRAL	SAN LUIS
PAÑO	J3
INSTALACIÓN	TG1

MOTIVO DE INTERVENCIÓN

VERIFICACIÓN	<input checked="" type="checkbox"/>	FALLA	<input type="checkbox"/>	REEMPLAZO	<input type="checkbox"/>	AUDITORÍA	<input type="checkbox"/>
--------------	-------------------------------------	-------	--------------------------	-----------	--------------------------	-----------	--------------------------

OTRO

	GPS		MEDIDOR	
	INICIO	TÉRMINO	INICIO	TÉRMINO
FECHA	13-08-2018	13-08-2018	13-08-2018	13-08-2018
HORA	14:00	15:15	14:00	15:15
DESFASE NO MAYOR A 1 MINUTO (SI/NO) <input type="checkbox"/> SI <input checked="" type="checkbox"/> NO				

RELACIÓN	ENCONTRADA		DEJADA	
	1º	2º	1º	2º
TTMM				
TTPP	230000	115		
TTCC	1000	5		

	MEDIDOR EN SERVICIO	MEDIDOR A INSTALAR	MEDIDOR A REMARCADOR
MARCA	SCHNEIDER		SCHNEIDER
MODELO	ION		ION S.BOARD
N° MODELO	7650		8600
N° SERIE	PJ-0911A504-02		PT-0807A570-01
N° ELEMENTOS	3E - 4H		3E - 4H
CLASE	0,2		0,2

REGISTRO DE DISPLAY	LECTURAS MEDIDOR EN SERVICIO			LECTURAS MEDIDOR A INSTALAR			LECTURAS MEDIDOR A REMARCADOR		
	UN	ENCONT	DEJADA	UN	ENCONT	DEJADA	UN	ENCONT	DEJADA
ENERGÍA ACTIVA DIRECTA	K	6751640,500	IDENTICA				K	0	368,797
ENERGÍA REACTIVA DIRECTA	K	6552337,500	IDENTICA				K	0	272,792
ENERGÍA ACTIVA REVERSA	K	2124605,250	IDENTICA				K	0	0,000
ENERGÍA REACTIVA REVERSA	K	1750588,250	IDENTICA				K	0	0,000
DEMANDA MAX. DIRECTA									
DEMANDA MAX. REVERSA									

SOLICITUD DE INTERVENCIÓN COORDINADOR	
N° DE SOLICITUD	
FECHA INICIO	13-08-2018
HORA INICIO	14:00
FECHA TÉRMINO	13-08-2018
HORA TÉRMINO	15:15

SELLOS		
ENCONTRADO	DEJADO	UBICACIÓN

* Para los casos de puesta en servicio, en donde no se realice una verificación de medidor en terreno, no será necesaria la entrega de ésta acta.

RESPONSABLES

PERSONA RESPONSABLE EMPRESA AUDITORA	
NOMBRE	FELIPE SANDOVAL
EMPRESA	CAM CHILE
FIRMA	

PERSONA RESPONSABLE COORDINADO	
NOMBRE	CRISTIAN AGUILERA
EMPRESA	COLBÚN
FIRMA	

OBSERVACIONES

IP: 131.178.50.231



CB201808000003

CERTIFICADO DE EXACTITUD DEL MEDIDOR

FECHA SERVICIO 13/08/2018

IDENTIFICACIÓN DEL MEDIDOR**IDENTIFICACIÓN DEL CLIENTE**

Nombre COLBÚN

Sub Estación SAN LUIS

Marca SCHNEIDER ELECTRIC

Tipo ION 7650

Número de Serie PJ-0911A504-02

PATRÓN DE REFERENCIA

Consola MTE PTS 3.3C N° Serie 35111

Clase de Exactitud +/- 0,05

Ubicación TG1

Clase de Exactitud 0,2

Estado ACTIVO

CONDICIONES DE LA MEDIDA

Tipo de Medida ESTRELLA

Tensión Aplicada 3 x 66.4 (115)[V] 50 [Hz]

Corriente Nominal 3 X 5 (10) [A]

Constante Medidor 1,8 [Wh/lmp]

Temperatura AMBIENTE

N° de Elementos 3E - 4H

RESULTADOS DE LA VERIFICACIÓN

Conexión DIRECTA

Componente Activa

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,11	+/- 0,2
2	123	100	0,5	-0,082	+/- 0,3
3	123	10	1,0	-0,105	+/- 0,2
4	1	100	1,0	-0,106	+/- 0,3
5	2	100	1,0	-0,1	+/- 0,3
6	3	100	1,0	-0,079	+/- 0,3
7	1	100	0,5	-0,104	+/- 0,4
8	2	100	0,5	-0,108	+/- 0,4
9	3	100	0,5	-0,056	+/- 0,4

Componente Reactiva

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,101	+/- 2,0
2	123	100	0,5	-0,116	+/- 2,0
3	123	10	1,0	-0,113	+/- 2,0
4	1	100	1,0	-0,094	+/- 3,0
5	2	100	1,0	-0,134	+/- 3,0
6	3	100	1,0	-0,092	+/- 3,0
7	1	100	0,5	-0,118	+/- 3,0
8	2	100	0,5	-0,153	+/- 3,0
9	3	100	0,5	-0,079	+/- 3,0

Cumple Clausula 8.1 Norma IEC 62053-22 Clase 0,2

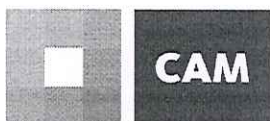
Cumple Clausula 8.1 Norma IEC 62053-23 Clase 2

Energía en Display Tipo de Display ELECTRONICO

CONCLUSIONES

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-22 referente a los límites de error para su clase de exactitud, en la componente Activa.
 El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-23 referente a los límites de error para su clase de exactitud, en la componente Reactiva.

Los resultados consignados se refieren exclusivamente a la muestra ensayada y CAM Chile S.A. declina toda responsabilidad por el uso indebido que se hiciera del presente Certificado.



CB201808000003

FECHA SERVICIO 13/08/2018

IDENTIFICACIÓN DEL MEDIDOR

IDENTIFICACIÓN DEL CLIENTE

Nombre COLBÚN
Sub Estación SAN LUISMarca SCHNEIDER ELECTRIC
Tipo ION 7650
Número de Serie PJ-0911A504-02
Ubicación TG1
Clase de Exactitud 0,2
Estado ACTIVO

PATRÓN DE REFERENCIA

Consola MTE PTS 3.3C N° Serie 35111
Clase de Exactitud +/- 0,05

CONDICIONES DE LA MEDIDA

Tipo de Medida ESTRELLA
Tensión Aplicada 3 x 66.4 (115)[V] 50 [Hz]
Corriente Nominal 3 X 5 (10) [A]Constante Medidor 1,8 [Wh/Imp]
Temperatura AMBIENTE
N° de Elementos 3E - 4H
Conexión REVERSA

RESULTADOS DE LA VERIFICACIÓN

Componente Activa

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,009	+/- 0,2
2	123	100	0,5	-0,088	+/- 0,3
3	123	10	1,0	-0,108	+/- 0,2
4	1	100	1,0	-0,109	+/- 0,3
5	2	100	1,0	-0,106	+/- 0,3
6	3	100	1,0	-0,084	+/- 0,3
7	1	100	0,5	-0,101	+/- 0,4
8	2	100	0,5	-0,114	+/- 0,4
9	3	100	0,5	-0,085	+/- 0,4

Componente Reactiva

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,104	+/- 2,0
2	123	100	0,5	-0,109	+/- 2,0
3	123	10	1,0	-0,112	+/- 2,0
4	1	100	1,0	-0,097	+/- 3,0
5	2	100	1,0	-0,133	+/- 3,0
6	3	100	1,0	-0,093	+/- 3,0
7	1	100	0,5	-0,116	+/- 3,0
8	2	100	0,5	-0,152	+/- 3,0
9	3	100	0,5	-0,067	+/- 3,0

Cumple Clausula 8.1 Norma IEC 62053-22 Clase 0,2


Cumple Clausula 8.1 Norma IEC 62053-23 Clase 2

CONCLUSIONES

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-22 referente a los límites de error para su clase de exactitud, en la componente Activa.

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-23 referente a los límites de error para su clase de exactitud, en la componente Reactiva.

Certificado emitido por CAM Chile S.A.
Equipos Certificados y Verificados con Patrones bajo laboratorio


Felipe Alejandro Sandoval Ramírez
Especialista en Medidas
Unidad SS/EE y Monitoreos

Página 2 de 2

Los resultados consignados se refieren exclusivamente a la muestra ensayada y CAM Chile S.A. declina toda responsabilidad por el uso indebido que se hiciera del presente Certificado.

**CAM****ACTA DE INTERVENCIÓN DE SUBESTACIONES****CODIGO FP 20.3.2**

S/E	SAN LUIS
FECHA INTERVENCIÓN	13-08-2017
PTO MED. ASOCIADO A	TV1
NOMBRE MANDANTE	COLBÚN

HORA LLEGADA	12:00
HORA INICIO	15:30
HORA TERMINO	16:45
HORA MEDIDOR	16:45
FECHA MEDIDOR	13-08-2017

ACTIVIDAD	
VERIFICACIÓN	X
REPROGRAMACIÓN	
INST. MEDIDOR	
ATENCIÓN FALLA	
CAMBIO BATERÍA	
CAMBIO MEDIDOR	
EXTRACCIÓN DATA	
LECTURA	
CALIBRACIÓN	
INST. TELEMEDIDA	
AJUSTE HORA	
LEVANTAMIENTO	
OTROS	

MEDIDOR SS/EE	ENCONTRADO	DEJADO
MARCA	SCHNEIDER	IDENTICO
MODELO	ION 7650	IDENTICO
TIPO	PANEL	IDENTICO
NUMERO	PJ-0911A481-02	IDENTICO
N° ELEMENTOS	3E - 4H	IDENTICO
CONST. LECT.	1	IDENTICO
CLASE	0,2	IDENTICO

MEDIDOR REMARCADOR	
MARCA	SCHNEIDER
MODELO	ION 8600
TIPO	S.BOARD
NUMERO	PT-0807A570-01
N° ELEMENTS	3E - 4H
CONST. LECT.	1
CLASE	0,2

IDENTIFICADOR DISPLAY	LECTURAS MEDIDOR S/E		
	ENCONTRADAS	DEJADAS	UNID.
ENERGÍA ACTIVA DIRECTA	16263259,000	IDENTICA	K
ENERGÍA REACTIVA DIRECTA	207705232,000	IDENTICA	K
ENERGÍA ACTIVA REVERSA	443045472,000	IDENTICA	K
ENERGÍA REACTIVA REVERSA	180409616,000	IDENTICA	K
DEMANDA MAX. DIRECTA			
DEMANDA MAX. REVERSA			
TIEMPO USO BATERÍA			
CUSTOMER			

	LECTURAS MEDIDOR REMARCADOR		
	ENCONTRADAS	DEJADAS	UNID.
	0	826,346	K
	0	0,000	K
	0	470,443	K
	0	0,000	K

STANDARD	
MARCA	MTE
MODELO	PTS 3.3C
NUMERO	35111
CLASE	0,05

SELLOS		
ENCONTRADO	DEJADOS	UBICACIÓN

PERMISO DESPACHO		
N°	HORA	NOMBRE

FECHA BATERÍA	

RESPONSABLES Y VEEDORES DE VERIFICACIÓN

EMPRESA	COLBÚN
NOMBRE	CRISTIAN AGUILERA
FIRMA	

EMPRESA	CAM CHILE
NOMBRE	FELIPE SANDOVAL
FIRMA	

EMPRESA	
NOMBRE	
FIRMA	

OBSERVACIONES	IP: 131.178.50.232
RTP: 230000/115 RPC: 1000/5	

ACTA N° 4 INTERVENCIÓN DE EQUIPO DE MEDIDA



N° AI-EM	
EMPRESA COORDINADA	COLBÚN
SUBESTACIÓN/CENTRAL	SAN LUIS
PAÑO	J4
INSTALACIÓN	TV1

MOTIVO DE INTERVENCIÓN

VERIFICACIÓN	<input checked="" type="checkbox"/>	FALLA	<input type="checkbox"/>	REEMPLAZO	<input type="checkbox"/>	AUDITORÍA	<input type="checkbox"/>
--------------	-------------------------------------	-------	--------------------------	-----------	--------------------------	-----------	--------------------------

OTRO

	GPS		MEDIDOR		RELACIÓN	ENCONTRADA		DEJADA	
	INICIO	TÉRMINO	INICIO	TÉRMINO		1º	2º	1º	2º
FECHA	13-08-2018	13-08-2018	13-08-2018	13-08-2018	TTMM	230000	115		
HORA	15:30	16:45	15:30	16:45	TTCC	1000	5		
DESFASE NO MAYOR A 1 MINUTO (SI/NO)									

	MEDIDOR EN SERVICIO	MEDIDOR A INSTALAR	MEDIDOR A REMARCADOR
MARCA	SCHNEIDER		SCHNEIDER
MODELO	ION		ION S.BOARD
N° MODELO	7650		8600
N° SERIE	PS-0911A401-02		PT-0807A570-01
N° ELEMENTOS	3E - 4H		3E - 4H
CLASE	0,2		0,2

REGISTRO DE DISPLAY	LECTURAS MEDIDOR EN SERVICIO			LECTURAS MEDIDOR A INSTALAR			LECTURAS MEDIDOR A REMARCADOR		
	UN	ENCONT	DEJADA	UN	ENCONT	DEJADA	UN	ENCONT	DEJADA
ENERGÍA ACTIVA DIRECTA	K	16263259,000	IDENTICA				K	0	826,346
ENERGÍA REACTIVA DIRECTA	K	207705232,000	IDENTICA				K	0	0,000
ENERGÍA ACTIVA REVERSA	K	443045472,000	IDENTICA				K	0	470,443
ENERGÍA REACTIVA REVERSA	K	180409616,000	IDENTICA				K	0	0,000
DEMANDA MAX. DIRECTA									
DEMANDA MAX. REVERSA									

SOLICITUD DE INTERVENCIÓN COORDINADOR	
N° DE SOLICITUD	
FECHA INICIO	13-08-2018
HORA INICIO	15:30
FECHA TÉRMINO	13-08-2018
HORA TÉRMINO	16:45

SELLOS		
ENCONTRADO	DEJADO	UBICACIÓN

* Para los casos de puesta en servicio, en donde no se realice una verificación de medidor en terreno, no será necesaria la entrega de ésta acta.

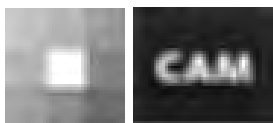
RESPONSABLES

PERSONA RESPONSABLE EMPRESA/AUDITORA	
NOMBRE	FELIPE SANDOVAL
EMPRESA	CAM CHILE
FIRMA	

PERSONA RESPONSABLE COORDINADO	
NOMBRE	CRISTIAN AGUILERA
EMPRESA	COLBÚN
FIRMA	

OBSERVACIONES

IP: 131.178.50.232



CB201808000004

CERTIFICADO DE EXACTITUD DEL MEDIDOR

FECHA SERVICIO 13/08/2018

IDENTIFICACIÓN DEL MEDIDOR**IDENTIFICACIÓN DEL CLIENTE**

Nombre COLBÚN

Sub Estación SAN LUIS

Marca SCHNEIDER ELECTRIC

Tipo ION 7650

Número de Serie PJ-0911A481-02

Ubicación TV1

PATRÓN DE REFERENCIA

Consola MTE PTS 3.3C N° Serie 35111

Clase de Exactitud +/- 0,05

Clase de Exactitud 0,2

Estado ACTIVO

CONDICIONES DE LA MEDIDA

Tipo de Medida ESTRELLA

Tensión Aplicada 3 x 66.4 (115)[V] 50 [Hz]

Corriente Nominal 3 X 5 (10) [A]

Constante Medidor 1,8 [Wh/lmp]

Temperatura AMBIENTE

N° de Elementos 3E - 4H

RESULTADOS DE LA VERIFICACIÓN

Conexión DIRECTA

Componente Activa

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,061	+/- 0,2
2	123	100	0,5	-0,049	+/- 0,3
3	123	10	1,0	-0,007	+/- 0,2
4	1	100	1,0	-0,059	+/- 0,3
5	2	100	1,0	0,075	+/- 0,3
6	3	100	1,0	0,041	+/- 0,3
7	1	100	0,5	0,056	+/- 0,4
8	2	100	0,5	0,067	+/- 0,4
9	3	100	0,5	0,003	+/- 0,4

Componente Reactiva

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,072	+/- 2,0
2	123	100	0,5	-0,082	+/- 2,0
3	123	10	1,0	-0,081	+/- 2,0
4	1	100	1,0	-0,035	+/- 3,0
5	2	100	1,0	-0,01	+/- 3,0
6	3	100	1,0	-0,056	+/- 3,0
7	1	100	0,5	-0,056	+/- 3,0
8	2	100	0,5	-0,134	+/- 3,0
9	3	100	0,5	-0,061	+/- 3,0

Cumple Clausula 8.1 Norma IEC 62053-22 Clase 0,2

Cumple Clausula 8.1 Norma IEC 62053-23 Clase 2

Energía en Display Tipo de Display ELECTRONICO

CONCLUSIONES

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-22 referente a los límites de error para su clase de exactitud, en la componente Activa.

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-23 referente a los límites de error para su clase de exactitud, en la componente Reactiva.

Los resultados consignados se refieren exclusivamente a la muestra ensayada y CAM Chile S.A. declina toda responsabilidad por el uso indebido que se hiciera del presente Certificado.



CB201808000004

FECHA SERVICIO 13/08/2018

IDENTIFICACIÓN DEL MEDIDOR

IDENTIFICACIÓN DEL CLIENTE

Marca SCHNEIDER ELECTRIC

Nombre COLBÚN

Tipo ION 7650

Sub Estación SAN LUIS

Número de Serie PJ-0911A481-02

PATRÓN DE REFERENCIA

Ubicación TV1

Consola MTE PTS 3.3C N° Serie 35111

Clase de Exactitud 0,2

Clase de Exactitud +/- 0,05

Estado ACTIVO

CONDICIONES DE LA MEDIDA

Tipo de Medida ESTRELLA

Constante Medidor 1,8 [Wh/Imp]

Tensión Aplicada 3 x 66.4 (115)[V] 50 [Hz]

Temperatura AMBIENTE

Corriente Nominal 3 X 5 (10) [A]

N° de Elementos 3E - 4H

RESULTADOS DE LA VERIFICACIÓN

Conexión REVERSA

Componente Activa

Componente Reactiva

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,059	+/- 0,2
2	123	100	0,5	-0,041	+/- 0,3
3	123	10	1,0	-0,061	+/- 0,2
4	1	100	1,0	-0,055	+/- 0,3
5	2	100	1,0	-0,077	+/- 0,3
6	3	100	1,0	-0,004	+/- 0,3
7	1	100	0,5	-0,055	+/- 0,4
8	2	100	0,5	-0,069	+/- 0,4
9	3	100	0,5	-0,013	+/- 0,4

N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,067	+/- 2,0
2	123	100	0,5	-0,081	+/- 2,0
3	123	10	1,0	-0,079	+/- 2,0
4	1	100	1,0	-0,039	+/- 3,0
5	2	100	1,0	-0,098	+/- 3,0
6	3	100	1,0	-0,006	+/- 3,0
7	1	100	0,5	-0,051	+/- 3,0
8	2	100	0,5	-0,131	+/- 3,0
9	3	100	0,5	-0,06	+/- 3,0

Cumple Clausula 8.1 Norma IEC 62053-22 Clase 0,2

Cumple Clausula 8.1 Norma IEC 62053-23 Clase 2

CONCLUSIONES

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-22 referente a los límites de error para su clase de exactitud, en la componente Activa.

El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-23 referente a los límites de error para su clase de exactitud, en la componente Reactiva.

Certificado emitido por CAM Chile S.A.
Equipos Certificados y Verificados con Patrones bajo laboratorioFelipe Alejandro Sandoval Ramirez
Especialista en Medidas
Unidad SS/EE y Monitoreos

Página 2 de 2

Los resultados consignados se refieren exclusivamente a la muestra ensayada y CAM Chile S.A. declina toda responsabilidad por el uso indebido que se hiciere del presente Certificado.

CALIBRATION CERTIFICATE

This certificate may only be reproduced in full, except with the prior written permission by the issuing laboratory

Certificate Number:

HEL 194240032



Instrument: Pressure, Humidity and Temperature Transmitter PTU303
Order code: PTU300 31B01B1BCPF1A0B1BCD0B0A
Serial Number: R4230157
Manufacturer: Vaisala Oyj, Finland
Calibration date: 2019-10-16

Approved by:

Digitally signed by EVL
 Date: 2019.10.17 06:44:16 +03:00
 Reason: Calibration responsible
 Location: Vaisala Oyj, Finland

The analog outputs of the instrument were calibrated by using working standards of the manufacturer. The outputs were forced by digital input to three output values. The observed values were determined by measuring the voltage over a calibrated precision resistor.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95 %. The measurement results are traceable to the international system of units (SI) through national metrology institutes (NIST USA, MIKES Finland, or equivalent) or via ISO/IEC 17025 accredited calibration laboratories.

Analog output channel 1 calibration results

Channel 1 scaling: RH 0...100 %RH

Output forced to mA	Observed output mA	Difference mA	Acceptance limit mA	Pass/Fail
+5.600	+5.600	0.000	±0.010	Pass
+12.000	+12.001	+0.001	±0.010	Pass
+18.400	+18.401	+0.001	±0.010	Pass

Analog output channel 2 calibration results

Channel 2 scaling: T -20...60 °C

Output forced to mA	Observed output mA	Difference mA	Acceptance limit mA	Pass/Fail
+5.600	+5.600	0.000	±0.010	Pass
+12.000	+12.001	+0.001	±0.010	Pass
+18.400	+18.402	+0.002	±0.010	Pass

Analog output channel 3 calibration results

Channel 3 scaling: P 500...1100 hPa

Output forced to mA	Observed output mA	Difference mA	Acceptance limit mA	Pass/Fail
+5.600	+5.599	-0.001	±0.010	Pass
+12.000	+11.999	-0.001	±0.010	Pass
+18.400	+18.400	0.000	±0.010	Pass

Reference equipment used in calibration

Type	Identity Number	Certificate Number	Calibration Date
HP34970A	16707	1250-307098795	2018-12-03
Shunt Cable	ES 12668	C01366	2019-04-26

Calibration uncertainties (k=2, ~95% confidence level):

Current ±0.00175mA

Ambient conditions:

Humidity [%RH] Temperature [°C] Pressure [hPa]
 32 ± 4 23 ± 2 1011 ± 20

CALIBRATION CERTIFICATE

This certificate may only be reproduced in full, except with the prior written permission by the issuing laboratory

Certificate Number: HEL194240033



Instrument: Pressure, Humidity and Temperature Transmitter PTU303
Order Code: PTU300 31B01B1BCPF1A0B1BCD0B0A
Serial Number: R4230157
Manufacturer: Vaisala Oyj, Finland
Calibration Date: 2019-10-16

Approved by:

Digitally signed by EVL
 Date: 2019.10.17 06:44:33 +03:00
 Reason: Calibration responsible
 Location: Vaisala Oyj, Finland

The humidity sensor of the instrument was calibrated by comparing the instrument's humidity reading to a generated reference humidity reading. The reference humidity reading was calculated based on two-pressure humidity generation principle, using the measurement results of saturator pressure and temperature and calibration chamber pressure and temperature.

The temperature sensor(s) of the instrument was calibrated by comparing the instrument's temperature readings to a reference thermometer.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95 %. The measurement results are traceable to the international system of units (SI) through national metrology institutes (NIST USA, MIKES Finland, or equivalent) or via ISO/IEC 17025 accredited calibration laboratories.

Humidity calibration results

Reference Humidity [%RH]	Reference Temperature [°C]	Observed Humidity [%RH]	Observed Temperature [°C]	Humidity Error [%RH]	Acceptance Limit [%RH]	Pass/Fail
15.0	22.72	14.8	22.72	-0.2	±1.0	Pass
33.0	22.72	32.7	22.72	-0.3	±1.0	Pass
54.0	22.72	53.9	22.72	-0.1	±1.0	Pass
75.1	22.72	75.1	22.72	0.0	±1.0	Pass
94.7	22.72	94.8	22.73	0.1	±1.7	Pass

Temperature calibration results

Reference Temperature [°C]	Observed Temperature [°C]	Error [°C]	Acceptance Limit [°C]	Pass/Fail
22.72	22.72	0.00	±0.10	Pass

Additional temperature probe calibration results

Reference Temperature [°C]	Observed Temperature [°C]	Error [°C]	Acceptance Limit [°C]	Pass/Fail
-	-	-	-	-

Reference equipment used in calibration

Type	Identity Number	Certificate Number	Calibration Date	Calibration Due Date
PTU307	18170	K008-C00455	2019-02-07	2020-02-29
HMP307	17590	K008-B03180	2018-11-07	2019-11-30
GE Druck DPS 823B	16736	K008-C01498	2019-05-07	2019-11-30
AM1612	17592	K008-B03182	2018-11-07	2019-11-30
PXI-4070	17589	B03179	2018-11-07	2019-11-30

Calibration uncertainty (k=2, ~95% confidence level):

Humidity ± 0.6 %RH @ 0...40 %RH, ± 1.0 %RH @ 40...95 %RH
 Temperature ± 0.10 °C

Ambient conditions:

Humidity [%RH] Temperature [°C] Pressure [hPa]
 31 ± 4 24 ± 2 1010 ± 20



Vaisala is ISO 9001, ISO 14001 and AQAP 2110 certified company.

CALIBRATION CERTIFICATE

This certificate may only be reproduced in full, except with the prior written permission by the issuing laboratory

Certificate Number:

HEL194240036



Instrument: Pressure, Humidity and Temperature Transmitter PTU303
Pressure Range: 500-1100 hPa
Order Code: PTU300 31B01B1BCPF1A0B1BCD0B0A
Serial Number: R4230157
Manufacturer: Vaisala Oyj, Finland
Calibration Date: 16th October 2019

Approved by:

Digitally signed by EVL
 Date: 2019.10.17 06:59:38 +03:00
 Reason: Calibration responsible
 Location: Vaisala Oyj, Finland

The pressure reading of the instrument was calibrated by comparing the instrument's pressure reading to a reference pressure reading.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95 %. The measurement results are traceable to the international system of units (SI) through national metrology institutes (NIST USA, MIKES Finland, or equivalent) or via ISO/IEC 17025 accredited calibration laboratories.

Pressure calibration results

Reference hPa	Observed hPa	Correction* hPa	Acceptance Limit hPa	Pass/Fail
500.02	500.01	0.01	±0.05	Pass
550.01	550.01	0.00	±0.05	Pass
650.03	650.03	0.00	±0.05	Pass
750.00	750.00	0.00	±0.05	Pass
849.98	849.98	0.00	±0.05	Pass
949.96	949.96	0.00	±0.05	Pass
1000.00	1000.00	0.00	±0.05	Pass
1049.96	1049.96	0.00	±0.05	Pass
1099.97	1099.97	0.00	±0.05	Pass

*To obtain the true pressure, add the correction to the barometer reading.
 Interpolated corrections may be used at intermediate readings of the scale of the barometer.

Reference equipment used in calibration

Type	Identity Number	Certificate Number	Calibration Date	Calibration Due Date
DHI PPC3	PA 12823	K008-C02743	2019-08-16	2020-08-31

Calibration uncertainty (k=2, ~95% confidence level):

Pressure ± 0.07 hPa

Ambient conditions:

Humidity [%RH]	Temperature [°C]	Pressure [hPa]
32 ± 5	22 ± 1	1007 ± 1



COMPLEJO NEHUENCO

REGISTRO DE VERIFICACIÓN Y CALIBRACIÓN DE INSTRUMENTOS

Sistema: COMPRESOR TURVINA DE GAS N° 10162990

Nombre del equipo	SENSOR DE TEMPERATURA	TAG. N°	11MBA11CT102	Servicio	HEHN-11MBA-ROTOR
Modelo	31156350	N/S	---	Marca	ROSEMOONT
Rango de entrada	0 - 100°C	Rango de salida	---	Ubicación	---

Instrumento Patrón		Encontrado				Dejado				Indicación Adicional			
Unidad:		Unidad:				Unidad:				Unidad:			
Entrada		Salida		Subiendo		Bajando		Subiendo		Bajando		Encont	Dejado
%	C°				C°								
0%	0,00												
25%	25,00												
50%	50,00												
75%	75,00												
100%	100,00												
Error MAX Absoluto													
0,12%													

PUNTO 1 Y 2 : 19,90°c PUNTO 3 Y 4 : 20,20°c	equi	Testificado por
		Jose Paredes
	Precisión	Chequeado por
		German Bravo
	Clase	Fecha
		21-noviembre-2018
Observaciones:		
CENSOR NO SE PUEDE RETIRAR SOLO SE LE TOMA TEMPERATURA AMBIENTE		



COMPLEJO NEHUENCO

REGISTRO DE VERIFICACIÓN Y CALIBRACIÓN DE INSTRUMENTOS

Sistema: COMPRESOR TURVINA DE GAS N° 10162990

Nombre del equipo	SENSOR DE TEMPERATURA	TAG. N°	11MBA11CT101	Servicio	HEHN-11MBA-ROTOR
Modelo	31156350	N/S	---	Marca	ROSEMOONT
Rango de entrada	0 - 100°C	Rango de salida	---	Ubicación	---

Instrumento Patrón		Encontrado				Dejado				Indicación Adicional			
Unidad:		Unidad:				Unidad:				Unidad:			
Entrada		Salida		Subiendo		Bajando		Subiendo		Bajando		Encont	Dejado
%	C°				C°								
0%	0,00			1,58	1,05								
25%	25,00			26,61	26,11								
50%	50,00			50,57	49,75								
75%	75,00			75,47	75,04								
100%	100,00			99,69	99,49								
Error MAX Absoluto													
0,12%													

horno hart scientific 9009 N/S: A24264
 multicalibrador fluke 753 N/S: 2128022

equi	Testificado por
	Jose Paredes
Precisión	Chequeado por
	German Bravo
Clase	Fecha
	21-noviembre-2018
Observaciones:	
SE REALISA MANTENCION Y VERIFICACION	



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

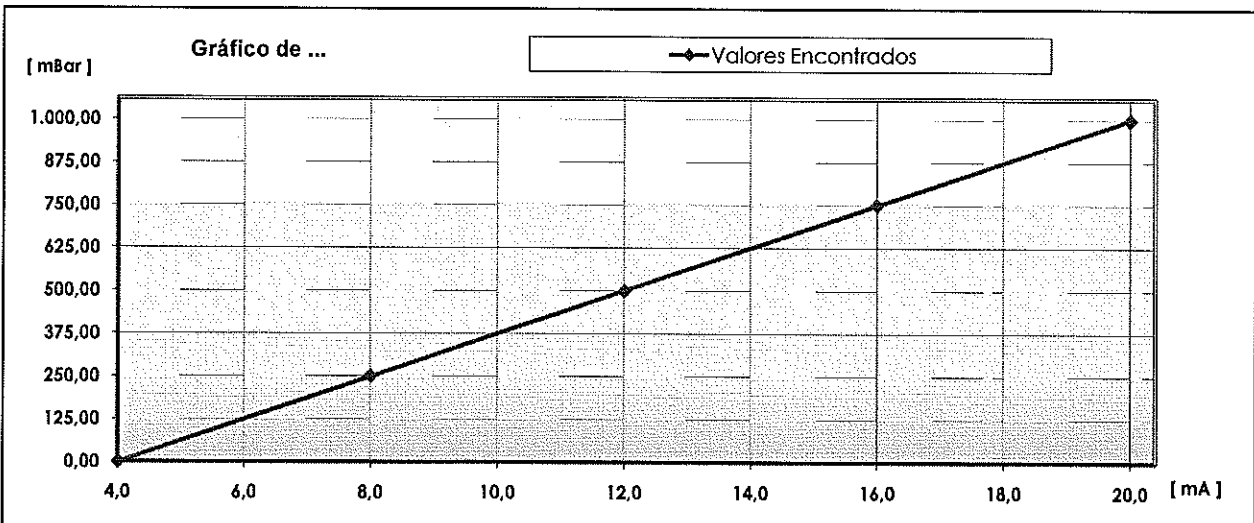
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LCA31CF001
Modelo	Deltabar	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Domo Lado Norte
Nº de serie	43Q0145	Rango	0 a 1000 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	Nº Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,040	0,25	-	-
250,0	8,000	8,050	0,31	-	-
500,0	12,000	12,030	0,19	-	-
750,0	16,000	16,050	0,31	-	-
1000,0	20,000	20,050	0,31	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

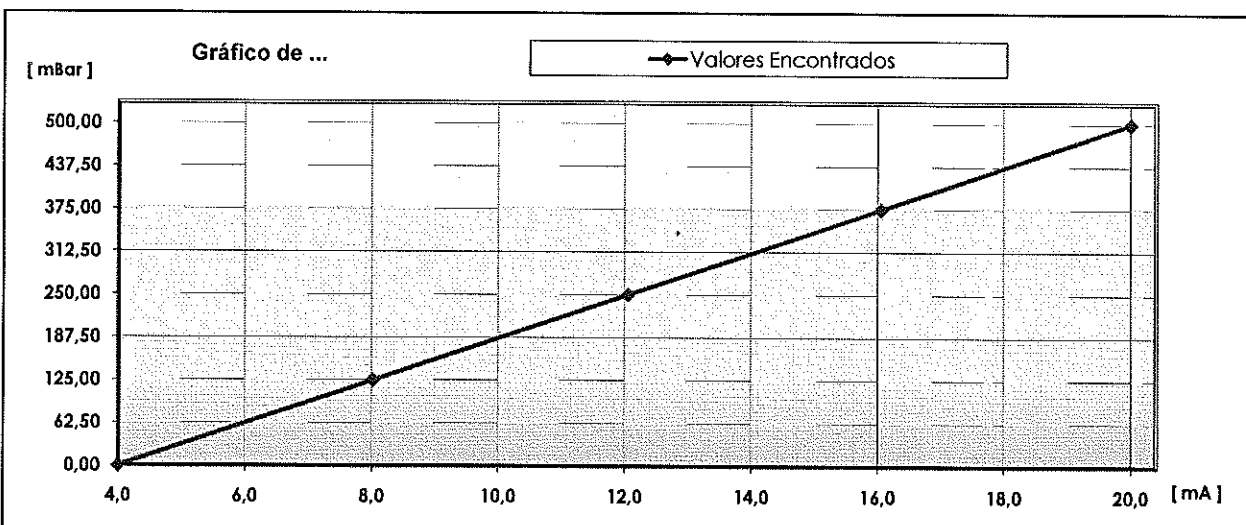
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LCA20CF001
Modelo	Deltabar	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Caldera I Piso Lado Mar
Nº de serie	0SQ0202	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	Nº Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,001	0,01	-	-
125,0	8,000	8,019	0,12	-	-
250,0	12,000	12,055	0,34	-	-
375,0	16,000	16,055	0,34	-	-
500,0	20,000	20,000	0,00	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	29-10-2015	29-10-2015	29-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

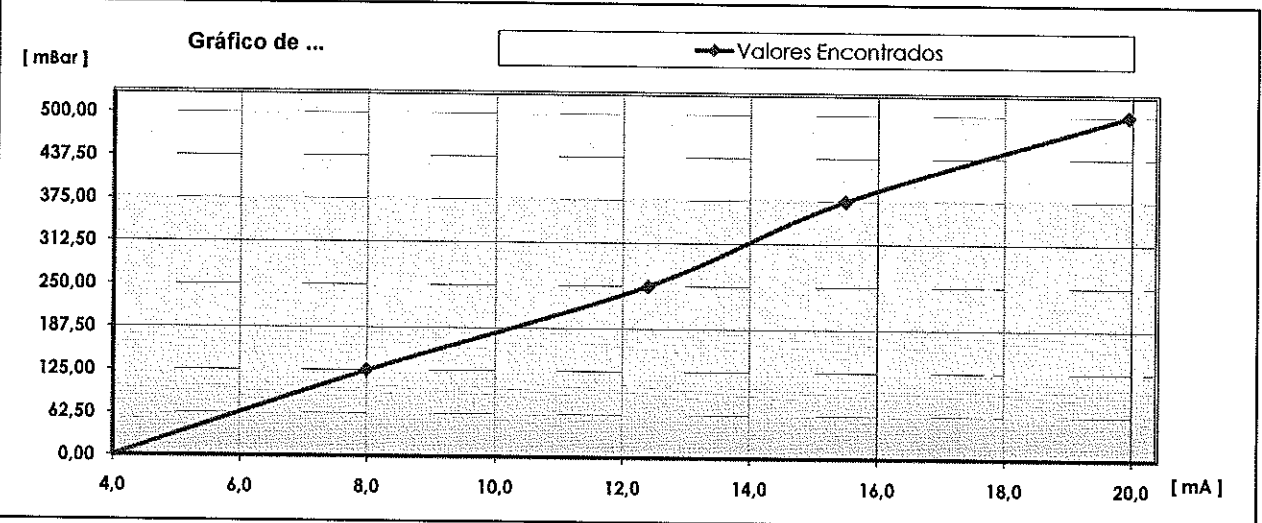
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA50CF002
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	0SQ0210	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados			Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]	
0,0	4,000	4,016	0,10	--	--	
125,0	8,000	8,055	0,34	--	--	
250,0	12,000	12,045	0,28	--	--	
375,0	16,000	16,036	0,23	--	--	
500,0	20,000	20,009	0,06	--	--	



OBSERVACIONES:

Se realiza mantención, verificación y ajuste. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

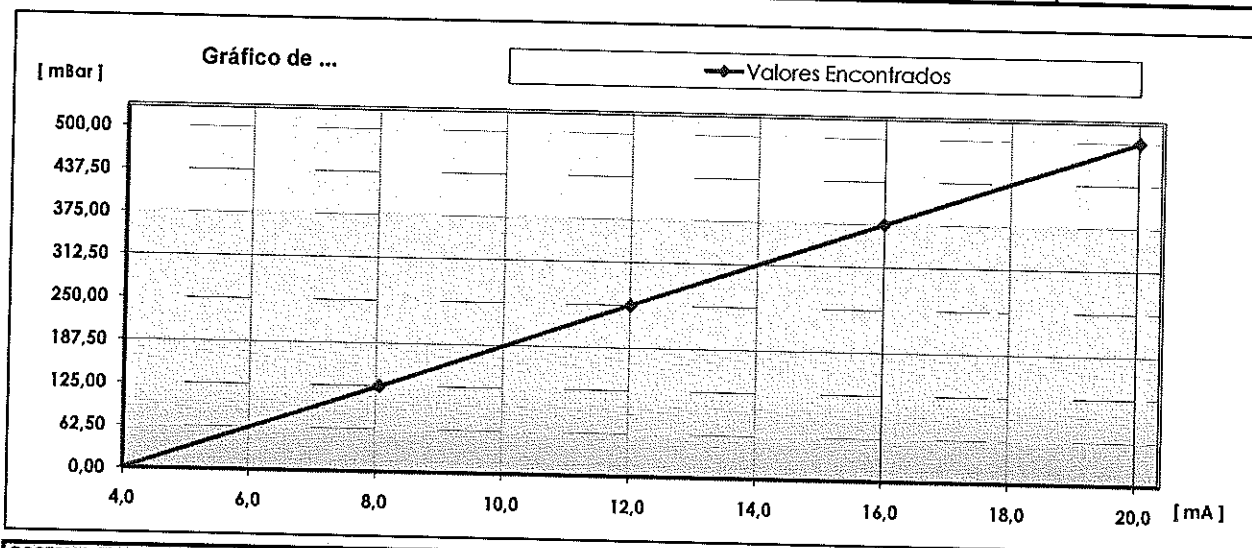
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA50CF001
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	OSQ0209	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	3,977	0,14	—	—
125,0	8,000	8,050	0,31	—	—
250,0	12,000	12,004	0,02	—	—
375,0	16,000	15,997	0,02	—	—
500,0	20,000	20,020	0,12	—	—



OBSERVACIONES:

Se realiza mantención, verificación y ajuste. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

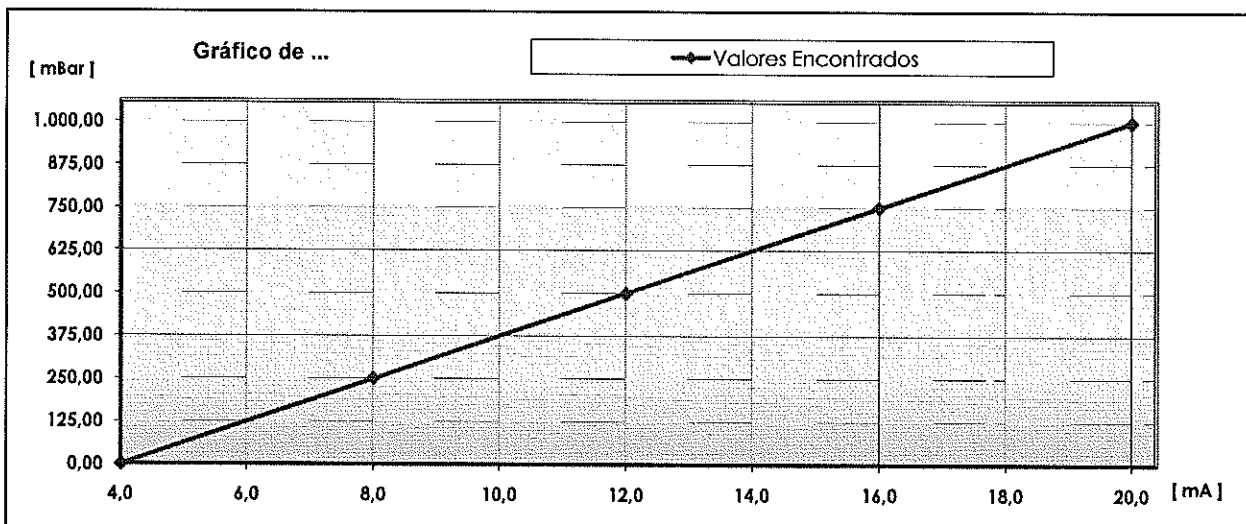
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA10CF002
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	05Q0213	Rango	0 a 1000 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,015	0,09	-	-
250,0	8,000	8,003	0,02	-	-
500,0	12,000	12,004	0,02	-	-
750,0	16,000	16,000	0,00	-	-
1000,0	20,000	20,000	0,00	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

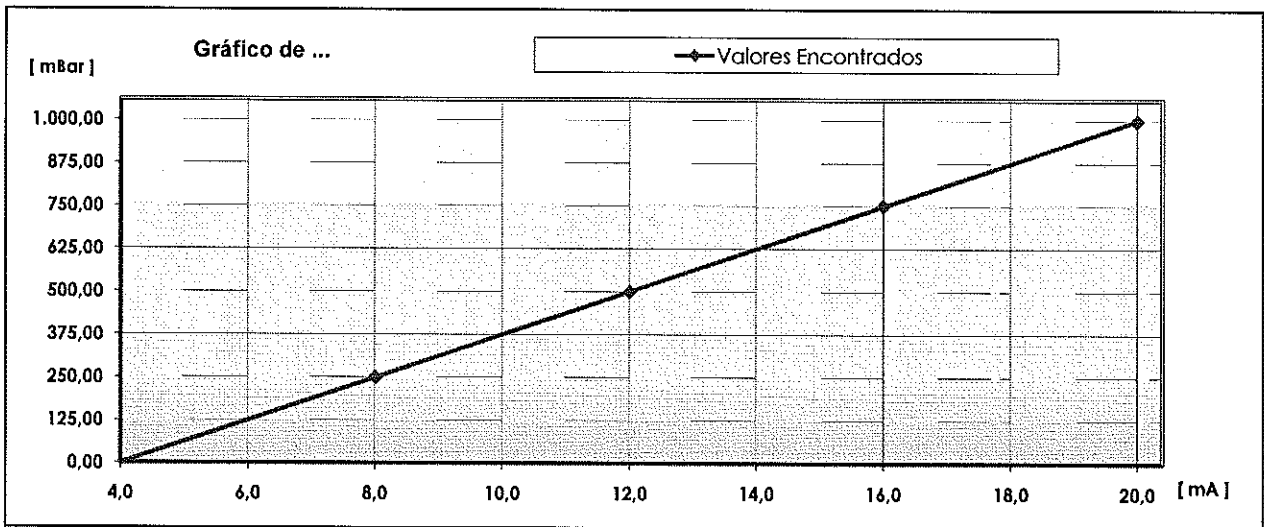
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA10CF001
Modelo	Deltabar	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
Nº de serie	43Q0067	Rango	0 a 1000 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	Nº Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	7438	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	3,996	0,03	--	--
250,0	8,000	8,012	0,08	--	--
500,0	12,000	12,004	0,02	--	--
750,0	16,000	16,001	0,01	--	--
1000,0	20,000	20,000	0,00	--	--



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TÉCNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



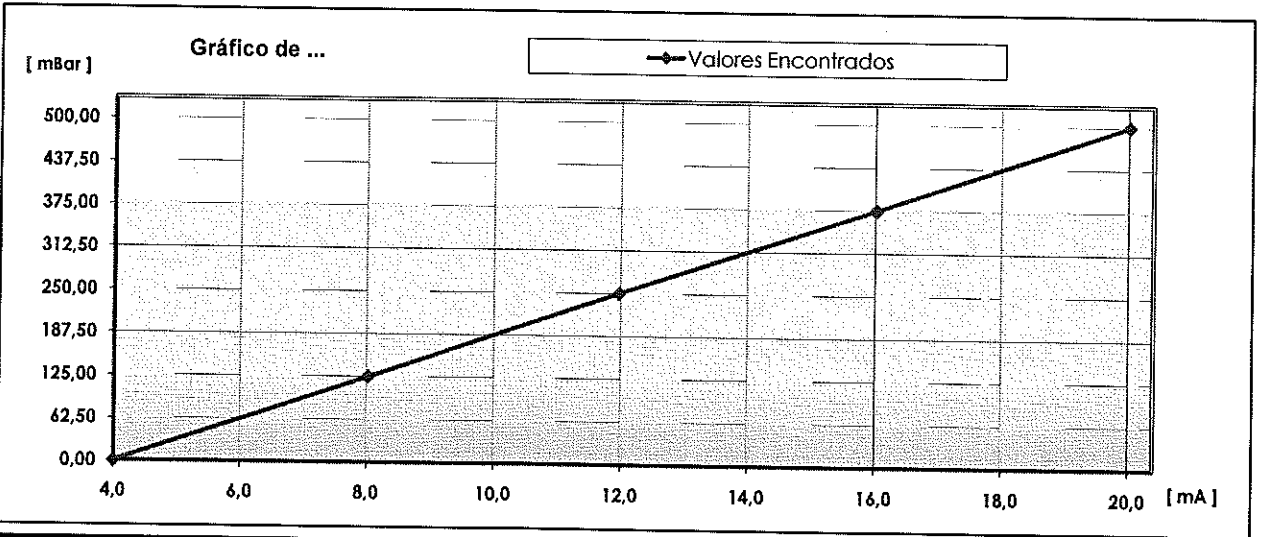
INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

Empresa Mandante: Colbun Complejo Nehuenco			
CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LAB50CF001
Modelo	Deltabar S	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Caldera I Piso Lado Mar
N° de serie	AS02AC0109D	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,002	0,01	-	-
125,0	8,000	8,024	0,15	-	-
250,0	12,000	11,969	0,19	-	-
375,0	16,000	16,020	0,12	-	-
500,0	20,000	20,012	0,08	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

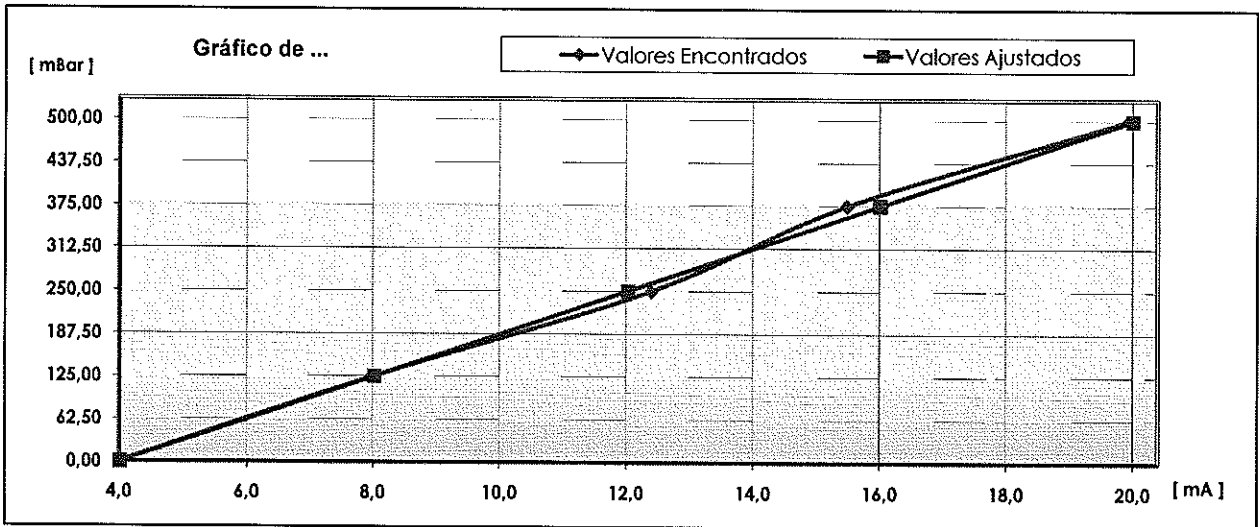
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LAB20CF001
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	4300118	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	3,987	0,08	4,014	0,09
125,0	8,000	7,995	0,03	8,022	0,14
250,0	12,000	12,400	2,50	12,027	0,17
375,0	16,000	15,488	3,20	16,010	0,06
500,0	20,000	19,942	0,36	20,002	0,01



OBSERVACIONES:

Se realiza mantención, verificación y ajuste. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



COMPLEJO NEHUENCO

REGISTRO DE VERIFICACIÓN Y CALIBRACIÓN DE INSTRUMENTOS

Sistema: MPB DOMO BAJA PRESIÓN, CALDERA HRSG NH1

N° 10142631

Nombre del equipo	TRANSMISOR DE PRESIÓN	TAG. N°	10 LAA 10 CP 001	Servicio	NEHN - 11HAD80BB001
Modelo	--	N/S	--	Marca	ENDRESS + HAUSER
Rango de entrada	-1 a 9 Bar	Rango de salida	4 a 20 mA	Ubicación	BAJO DOMO

Instrumento Patrón		Encontrado				Dejado				Indicación Adicional	
Unidad: Bar / mA		Unidad: mA		Unidad: mA		Unidad: mA		Unidad: mA		Unidad:	
Entrada	Salida	Subida		Bajada		Subida		Bajada		Encont	Dejado
0%	-1,0	4,0		3,997		3,997					
25%	1,5	8,0		7,981		7,982					
50%	4,0	12,0		12,018		12,018					
75%	6,5	16,0		15,970		15,976					
100%	9,0	20,0		19,978		19,978					

Error MAX Absoluto											
--------------------	--	--	--	--	--	--	--	--	--	--	--

EQUIPOS PATRONES MULTICALIBRADOR FLUKE 744 N/S 9630050 MODULO DE PRESIÓN 750 P09 N/S 10624503	equi	Testificado por
		German Bravo
	Precisión	Chequeado por
		Brayan Zenteno
	Clase	Fecha
		24-octubre-2017
Observaciones:		
Se realizo mantenimiento y verificación.		



A – 3 Protocolos de Análisis de Combustibles

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto ⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7082	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por ⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Carga Base Alta Ciclo Cerrado 316 MW		

✓ Analizado	Atestiguado ⁽³⁾	Preliminar	✓ Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19673,00
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18452,00
Gravedad API	°API	ASTM D4052	Informar	37,6
Gravedad Específica 60/60		ASTM D4052	Informar	0,8369
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	836,5
Peso Moléculas Estimado		ASTM D2502	Informar	<250

*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:

Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.
OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	:	OTICH21-20705	Cliente	:	Colbun S.A.
Producto⁽¹⁾	:	Petróleo Diesel	Contacto (s)	:	Mitchell Zuñiga
Identificación de la Muestra	:	7084	Email	:	mczuniga@colbun .cl
N° de Sello	:	Sin Antecedentes	Dirección	:	Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	:	Cliente	Ref. Cliente	:	COTICH19-180
Ubicación del Muestreo	:	Nehuenco I	Fecha de Recepción de Muestra	:	13-01-2021
Tipo de Muestreo	:	Muestra Proporcional al Flujo	Fecha Inicio de Análisis	:	14-01-2021
Fecha de Muestreo	:	Sin Antecedentes	Fecha Término de Análisis	:	20-01-2021
Plan/Método de Muestreo	:	API / MPMS Chapter 8	Análisis realizados en	:	Laboratorio OTI
Responsable de Muestreo	:	Cliente	Fecha de Emisión de Reporte	:	21-01-2021
Muestra Obtenida de	:	Ciclo Cerrado 285 MW			

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Molecular Estimado			ASTM D2502	Informar
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.
 OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia :	OTICH21-20705	Cliente :	Colbun S.A.
Producto ⁽¹⁾ :	Petróleo Diesel	Contacto (s) :	Mitchell Zuñiga
Identificación de la Muestra :	7086	Email :	mczuniga@colbun .cl
N° de Sello :	Sin Antecedentes	Dirección :	Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por ⁽²⁾ :	Cliente	Ref. Cliente :	COTICH19-180
Ubicación del Muestreo :	Nehuenco I	Fecha de Recepción de Muestra :	13-01-2021
Tipo de Muestreo :	Muestra Proporcional al Flujo	Fecha Inicio de Análisis :	14-01-2021
Fecha de Muestreo :	Sin Antecedentes	Fecha Término de Análisis :	20-01-2021
Plan/Método de Muestreo :	API / MPMS Chapter 8	Análisis realizados en :	Laboratorio OTI
Responsable de Muestreo :	Cliente	Fecha de Emisión de Reporte :	21-01-2021
Muestra Obtenida de :	Ciclo Cerrado 255 MW		

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Molecular Estimado			ASTM D2502	Informar
				Resultados
				19679,00
				18456,00
				37,8
				0,8360
				835,6
				<250
				*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.

OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7087	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Ciclo Cerrado 245 MW		

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Molecular Estimado			ASTM D2502	Informar
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.

OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	:	OTICH21-20705	Cliente	:	Colbun S.A.
Producto⁽¹⁾	:	Petróleo Diesel	Contacto (s)	:	Mitchell Zuñiga
Identificación de la Muestra	:	7088	Email	:	mczuniga@colbun .cl
N° de Sello	:	Sin Antecedentes	Dirección	:	Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	:	Cliente	Ref. Cliente	:	COTICH19-180
Ubicación del Muestreo	:	Nehuenco I			
Tipo de Muestreo	:	Muestra Proporcional al Flujo	Fecha de Recepción de Muestra	:	13-01-2021
Fecha de Muestreo	:	Sin Antecedentes	Fecha Inicio de Análisis	:	14-01-2021
Plan/Método de Muestreo	:	API / MPMS Chapter 8	Fecha Término de Análisis	:	20-01-2021
Responsable de Muestreo	:	Cliente	Análisis realizados en	:	Laboratorio OTI
Muestra Obtenida de	:	Ciclo Cerrado 225 MW	Fecha de Emisión de Reporte	:	21-01-2021

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Molecular Estimado			ASTM D2502	Informar
				Resultados
				19681,00
				18458,00
				37,8
				0,8356
				835,2
				<250
				*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.
 OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte



REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto ⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7090	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por ⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Ciclo Abierto 195 MW		

✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19688,00
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18463,00
Gravedad API	°API	ASTM D4052	Informar	38,1
Gravedad Específica 60/60		ASTM D4052	Informar	0,8345
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	834,1
Peso Molecular Estimado		ASTM D2502	Informar	<250

*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:

Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.

OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7091	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Ciclo Abierto 185 MW		

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Molecular Estimado			ASTM D2502	Informar
				Resultados
				19687,00
				18463,00
				38,0
				0,8347
				834,2
				<250

*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.
 OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	:	OTICH21-20705	Cliente	:	Colbun S.A.
Producto⁽¹⁾	:	Petróleo Diesel	Contacto (s)	:	Mitchell Zuñiga
Identificación de la Muestra	:	7092	Email	:	mczuniga@colbun .cl
N° de Sello	:	Sin Antecedentes	Dirección	:	Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	:	Cliente	Ref. Cliente	:	COTICH19-180
Ubicación del Muestreo	:	Nehuenco I	Fecha de Recepción de Muestra	:	13-01-2021
Tipo de Muestreo	:	Muestra Proporcional al Flujo	Fecha Inicio de Análisis	:	14-01-2021
Fecha de Muestreo	:	Sin Antecedentes	Fecha Término de Análisis	:	20-01-2021
Plan/Método de Muestreo	:	API / MPMS Chapter 8	Análisis realizados en	:	Laboratorio OTI
Responsable de Muestreo	:	Cliente	Fecha de Emisión de Reporte	:	21-01-2021
Muestra Obtenida de	:	Ciclo Abierto 175 MW			

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Moléculas Estimado			ASTM D2502	Informar
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.

OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7093	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Ciclo Abierto 165 MW		

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
		Unidades	Métodos	Especificaciones
Poder Calorífico Bruto (Superior)		BTU/lb	ASTM D4868	Informar
Poder Calorífico Neto (Inferior)		BTU/lb	ASTM D4868	Informar
Gravedad API		°API	ASTM D4052	Informar
Gravedad Específica 60/60			ASTM D4052	Informar
Densidad a 15°C		Kg/m ³	ASTM D4052	Informar
Peso Moléculas Estimado			ASTM D2502	Informar
				Resultados
				19685,00
				18461,00
				38,0
				0,8351
				834,6
				<250

*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.

OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

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Fin del Reporte

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7094	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Ciclo Abierto 155 MW		

	✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final
Ensayos				
Unidades				
Métodos				
Especificaciones				
Resultados				
Poder Calorífico Bruto (Superior)			Informar	19683,00
Poder Calorífico Neto (Inferior)			Informar	18460,00
Gravedad API			Informar	37,9
Gravedad Específica 60/60			Informar	0,8354
Densidad a 15°C			Informar	835,0
Peso Molecular Estimado			Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:

Observaciones:



Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.

OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

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Fin del Reporte



REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20705	Cliente	: Colbun S.A.
Producto ⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7095	Email	: mczuniga@colbun .cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por ⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco I	Fecha de Recepción de Muestra	: 13-01-2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 14-01-2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 20-01-2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 21-01-2021
Muestra Obtenida de	: Ciclo Abierto 145 MW		

✓ Analizado	Atestado ⁽³⁾	Preliminar	✓ Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19680,00
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18457,00
Gravedad API	°API	ASTM D4052	Informar	37,8
Gravedad Específica 60/60		ASTM D4052	Informar	0,8358
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	835,4
Peso Molecular Estimado		ASTM D2502	Informar	<250

*** Fin de los resultados de análisis***

Condiciones ambientales de los ensayos:

Observaciones:

Jorge Herrera
Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan.
OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

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Fin del Reporte



A – 4 Protocolo de Mediciones

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRA DA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETOR NO_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	221.121	824,21	162.790	823,34	58.332
Desv Est	2.779	0	2.805	0	224
% Desv Est	1,26%	0,01%	1,72%	0,02%	0,38%
Datos	721	721	721	721	721

Tiempo [h:mm:ss]	1:00:00					
FLUJO_ENTRADA_TG1	FLUJO_ENTRADA_TG1	FLUJO_ENTRADA_TG1	FLUJO_ENTRADA_TG1	FLUJO_ENTRADA_TG1	FLUJO_ENTRADA_TG1	
Time	Time	Time	Time	Time	Time	
07-01-2021	8:15:03	217756,5938	824,0466919	159475,5781	823,0949707	58281,01563
07-01-2021	8:15:08	218425,1719	824,0576782	160086,6406	823,159668	58338,53125
07-01-2021	8:15:13	217813,1406	824,164917	159314,8906	822,9473267	58498,25
07-01-2021	8:15:18	218276,6094	824,0123901	160084,375	823,1876221	58192,23438
07-01-2021	8:15:23	217748,7969	824,0765381	159508,9688	823,1751709	58239,82813
07-01-2021	8:15:28	218379,2813	824,0505371	160097,1563	823,1077881	58282,125
07-01-2021	8:15:33	217899,5781	824,0504761	159701,0781	823,1738281	58198,5
07-01-2021	8:15:38	218375,2813	824,0504761	160078	823,1738281	58297,28125
07-01-2021	8:15:43	217703,625	824,0653076	159549,9063	823,2088623	58153,71875
07-01-2021	8:15:48	218175,2969	824,0961914	159962,2969	823,0640869	58213
07-01-2021	8:15:53	217704,4688	824,0658569	159406,5313	823,0640869	58297,9375
07-01-2021	8:15:58	218443,3125	824,0658569	160129,1094	823,2138672	58314,20313
07-01-2021	8:16:03	217771,625	824,1460571	159409,9219	822,9556885	58361,70313
07-01-2021	8:16:08	217771,7813	823,984314	159464,1094	823,1629028	58307,67188
07-01-2021	8:16:13	218759,6875	823,984314	160470,9375	823,1629028	58288,75
07-01-2021	8:16:18	217896,2813	824,0596313	159800,5	823,1629639	58095,78125
07-01-2021	8:16:23	219042,9531	824,0773926	160802,4375	823,1885376	58240,51563
07-01-2021	8:16:28	218143,1094	824,0322876	159900,7969	823,1393433	58242,3125
07-01-2021	8:16:33	218469,2188	824,0322876	160235,7188	823,1393433	58233,5
07-01-2021	8:16:38	217510,3906	824,0742798	159321,3594	823,1609497	58189,03125
07-01-2021	8:16:43	218385,2969	824,1846924	160090,3438	822,914978	58294,95313
07-01-2021	8:16:48	217605,5781	824,0776367	159172,125	823,1549683	58433,45313
07-01-2021	8:16:53	218804,5781	824,2310791	160417,9688	822,953186	58386,60938
07-01-2021	8:16:58	218200,9688	824,0048218	159792,75	823,2039795	58408,21875
07-01-2021	8:17:03	217899,8281	824,0568848	159652,9688	823,1821289	58246,85938
07-01-2021	8:17:08	218620,3906	824,0568848	160426,7813	823,1821289	58193,60938
07-01-2021	8:17:13	218524,0469	824,2061768	160139,0625	822,9075317	58384,98438
07-01-2021	8:17:18	217807,4219	824,0425415	159510,3438	823,1756592	58297,07813
07-01-2021	8:17:23	218837,9531	823,9532471	160659,6563	823,1832886	58178,29688
07-01-2021	8:17:28	217865,0313	823,9532471	159503,75	823,1832886	58361,28125
07-01-2021	8:17:33	218633,0625	824,1568604	160222,9063	822,9707642	58410,15625
07-01-2021	8:17:38	218182,6094	824,074646	159798,0313	823,1755981	58384,57813
07-01-2021	8:17:43	217843,7031	824,0883179	159653,1563	823,1849365	58190,54688
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07-01-2021	9:01:18	224112,5781	824,2772827	165744,75	823,46875	58367,82813
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07-01-2021	9:01:33	223354,0313	824,2390747	164974,5938	823,4923706	58379,4375
07-01-2021	9:01:38	223859,0313	824,3251953	165601,3594	823,4744263	58257,67188
07-01-2021	9:01:43	223283,125	824,2971191	164782,7344	823,4926147	58500,39063
07-01-2021	9:01:48	223099,9063	824,2971191	164830,7031	823,4926147	58269,20313
07-01-2021	9:01:53	223192,8281	824,3079834	164743,0156	823,4506836	58449,8125
07-01-2021	9:01:58	223724,9063	824,2931519	165255,4375	823,5233154	58469,46875
07-01-2021	9:02:03	223724,9219	824,2931519	165112,2969	823,5164185	58612,625
07-01-2021	9:02:08	223006,4688	824,2885132	164682,2031	823,5164185	58324,26563
07-01-2021	9:02:13	223573,9688	824,3175049	165020,125	823,5047607	58553,84375
07-01-2021	9:02:18	222768,4063	824,2801514	164309,6719	823,4598389	58458,73438
07-01-2021	9:02:23	223631,9531	824,2801514	165220,6875	823,4598389	58411,26563
07-01-2021	9:02:28	223010,1563	824,2740479	164597,9375	823,4529419	58412,21875
07-01-2021	9:02:33	224303,7656	824,2805176	165898,0313	823,4247437	58405,73438
07-01-2021	9:02:38	222955,8125	824,2950439	164642,375	823,4707031	58313,4375
07-01-2021	9:02:43	222332,4688	824,2950439	164402,6719	823,4707031	57929,79688
07-01-2021	9:02:48	223479,9688	824,3095703	165366,2344	823,4507446	58113,73438
07-01-2021	9:02:53	222963,9063	824,2663574	164769,2656	823,5616455	58194,64063
07-01-2021	9:02:58	223831,6719	824,2476807	165488,4219	823,458374	58343,25
07-01-2021	9:03:03	223256,125	824,2476807	164693,4844	823,458374	58562,64063
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07-01-2021	9:03:13	223205,5313	824,2542114	164788,8906	823,4648438	58416,64063
07-01-2021	9:03:18	222918,1406	824,2913208	164453,2031	823,4147949	58464,9375
07-01-2021	9:03:23	223291,9063	824,2913208	164893,7969	823,4147949	58398,10938
07-01-2021	9:03:28	222772,4063	824,2615967	164409,2188	823,444458	58363,1875
07-01-2021	9:03:33	223289,0938	824,2988281	164685,625	823,5023804	58603,46875
07-01-2021	9:03:38	223816,9531	824,2960205	165548,6875	823,5023804	58268,26563
07-01-2021	9:03:43	223625,6094	824,2960205	165073,875	823,4783936	58551,73438
07-01-2021	9:03:48	222968,5625	824,2419434	164551,8438	823,4504395	58416,71875
07-01-2021	9:03:53	224503,8906	824,2869873	165894,0469	823,4525146	58609,84375
07-01-2021	9:03:58	223052,0469	824,2869873	164647,3906	823,4525146	58404,65625
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07-01-2021	9:04:13	222816,7969	824,2768555	164268,1406	823,5108032	58548,65625
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07-01-2021	9:04:53	223441,7969	824,2661133	164890,5469	823,442688	58551,25
07-01-2021	9:04:58	223599,4844	824,2148438	165316,5781	823,4706421	58282,90625
07-01-2021	9:05:03	223393,2656	824,2642212	165126,0156	823,4642334	58267,25
07-01-2021	9:05:08	223530,4531	824,2869263	165221,1406	823,4463501	58309,3125
07-01-2021	9:05:13	223817,8281	824,2869263	164984,9063	823,4463501	58832,92188
07-01-2021	9:05:18	222486,3125	824,2419434	164125,625	823,430603	58360,6875
07-01-2021	9:05:23	223480,5625	824,2955933	165024,6875	823,4922485	58455,875
07-01-2021	9:05:28	222616,9844	824,2020874	164306,25	823,461853	58310,73438
07-01-2021	9:05:33	223745,4219	824,2020874	165367	823,461853	58378,42188
07-01-2021	9:05:38	222899,625	824,3155518	164555,6875	823,4385986	58343,9375
07-01-2021	9:05:43	223051,4688	824,2865601	165266,7656	823,4804077	57784,70313
07-01-2021	9:05:48	222903,9688	824,2865601	164595,5	823,4804077	58308,46875
07-01-2021	9:05:53	222428,6719	824,2710571	164206,5938	823,5073853	58222,07813
07-01-2021	9:05:58	222291,625	824,2476807	164119,8438	823,4644165	58171,78125
07-01-2021	9:06:03	222723,5625	824,2822666	164310,6406	823,4692993	58412,92188
07-01-2021	9:06:08	223194,6094	824,2822666	164790,1563	823,4692993	58404,45313
07-01-2021	9:06:13	223091,8594	824,3096313	165367,2031	823,4610596	57724,65625
07-01-2021	9:06:18	223192,8281	824,2896729	164982,2188	823,4679565	58210,60938
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07-01-2021	9:06:28	223112,4219	824,2305298	164776,1406	823,5409546	58336,28125
07-01-2021	9:06:33	222865,25	824,2613525	164549,8594	823,4719849	58315,39063
07-01-2021	9:06:38	223479,8438	824,2959595	165306,875	823,5200806	58172,96875
07-01-2021	9:06:43	222952,1719	824,2959595	164443,8438	823,5200806	58508,32813
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07-01-2021	9:06:53	224068,3438	824,2555542	165597,4063	823,505188	58470,9375
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07-01-2021	9:07:03	223250,2656	824,2647095	165226,3281	823,4417114	58023,9375
07-01-2021	9:07:08	222717,5313	824,2833252	164496,7813	823,4945068	58220,75
07-01-2021	9:07:13	223537,2813	824,2671509	165315,4688	823,4762573	58221,8125
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07-01-2021	9:07:28	223099,6563	824,2839966	164728,4531	823,5358276	58371,20313
07-01-2021	9:07:33	222761,1563	824,2958984	164598,0156	823,4671021	58163,14063
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07-01-2021	9:07:48	224696,1094	824,229126	166074,7344	823,5164185	58621,375
07-01-2021	9:07:53	223875,8125	824,2460327	165464,875	823,4434204	58410,9375
07-01-2021	9:07:58	222724,2969	824,2460327	164458,0156	823,4434204	58266,28125
07-01-2021	9:08:03	223783,0781	824,2333374	165368,75	823,4488525	58414,32813
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07-01-2021	9:08:13	223055,125	824,267395	164981,3594	823,4682007	58073,76563
07-01-2021	9:08:18	223294,5156	824,267395	165124,4844	823,4682007	58170,03125
07-01-2021	9:08:23	223807,7031	824,3171997	165310,2813	823,5023193	58497,42188

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07-01-2021	9:08:33	223480,2969	824,2868652	165219,1719	823,5164185	58261,125
07-01-2021	9:08:38	222531,9688	824,2449951	164253,5625	823,5164185	58278,40625
07-01-2021	9:08:43	223582,0313	824,2671509	165120,125	823,4981079	58461,90625
07-01-2021	9:08:48	222633,7813	824,2249146	164354,3594	823,491272	58279,42188
07-01-2021	9:08:53	223304,6094	824,2249146	165024,0156	823,491272	58280,59375
07-01-2021	9:08:58	222719,1094	824,2584839	164405,7813	823,4655762	58313,32813
07-01-2021	9:09:03	223069,4688	824,2036133	164542,9844	823,4994507	58526,48438
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07-01-2021	9:09:58	223331,3906	824,2947388	165123,3906	823,4698486	58208
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07-01-2021	9:10:13	223542,5625	824,2225342	165176,2656	823,4484863	58366,29688
07-01-2021	9:10:18	223823,8906	824,2474976	165510,6563	823,4546509	58313,23438
07-01-2021	9:10:23	223967,5781	824,220459	165497,4375	823,5223389	58470,14063
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07-01-2021	9:10:48	223924,2188	824,2236328	165559,3125	823,4437866	58364,90625
07-01-2021	9:10:53	223207,8438	824,208374	164988,5	823,4240112	58219,34375
07-01-2021	9:10:58	223193,0781	824,2663574	164841,7969	823,4386597	58351,28125
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07-01-2021	9:11:23	224154,3438	824,2558594	165699,3906	823,4630127	58454,95313
07-01-2021	9:11:28	223376,5469	824,2935791	165073,8281	823,4703369	58302,71875
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07-01-2021	9:11:38	223052,3438	824,2490845	164784,4375	823,4720459	58267,90625
07-01-2021	9:11:43	223100,4063	824,2490845	165409,8906	823,4720459	57690,51563
07-01-2021	9:11:48	223400,5938	824,2023315	165122,1719	823,472229	58278,42188
07-01-2021	9:11:53	223061,4688	824,2156372	164593,7969	823,477356	58467,67188
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07-01-2021	9:12:03	224075,7344	824,194519	165662,5469	823,406311	58413,1875
07-01-2021	9:12:08	223008,6719	824,2333984	164641,5	823,4785156	58367,17188
07-01-2021	9:12:13	223536,3594	824,2694092	165113,1406	823,5185547	58423,21875
07-01-2021	9:12:18	223095,375	824,2694092	164874,1094	823,5185547	58221,26563
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07-01-2021	9:13:18	222964,1563	824,2132568	164684,9219	823,5055542	58279,23438
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07-01-2021	9:14:48	223016,2344	824,1898804	164635,8281	823,5001221	58380,40625
07-01-2021	9:14:53	223379,7031	824,2666016	165074,2969	823,4642944	58305,40625
07-01-2021	9:14:58	223377,6406	824,2798462	165031,8594	823,4401245	58345,78125
07-01-2021	9:15:03	222849,7344	824,2798462	164504,4531	823,4401245	58345,28125

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	223.113	824	167.896	824	55.217
Desv Est	440	0	465	0	189
% Desv Est	0,20%	0,02%	0,28%	0,02%	0,34%
Datos	721	721	721	721	721

Tiempo [h:mm:ss]		DENSIDAD_ENTRADA		DENSIDAD_RETORNO		
FLUJO_ENTRADA_TG1 Time	Hora	FLUJO_ENTRADA_TG1 ValueY [l/h]	DA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_TG1 ValueY [l/h]	NO_TG1 ValueY [m3/kg]	Consumo [l/h]
07-01-2021	9:45:03	222696,375	824,3026733	168410,625	823,5792236	54285,75
07-01-2021	9:45:08	223422,0781	824,2814331	168374,7188	823,519165	55047,3594
07-01-2021	9:45:13	223123,7813	824,3250732	167646,0625	823,5707397	55477,7188
07-01-2021	9:45:18	223201,3594	824,395813	168124,6719	823,5512085	55076,6875
07-01-2021	9:45:23	222577,7031	824,395813	168031,9688	823,5512085	54545,7344
07-01-2021	9:45:28	223367,2188	824,307251	168219,8906	823,5704956	55147,3281
07-01-2021	9:45:33	222893,5781	824,2857056	167640,9375	823,5890503	55252,6406
07-01-2021	9:45:38	223084,3281	824,3374023	167976,4844	823,5319824	55107,8438
07-01-2021	9:45:43	222447,0625	824,3374023	168227,5625	823,5319824	54219,5
07-01-2021	9:45:48	222921,5313	824,3518677	167741,9844	823,5631104	55179,5469
07-01-2021	9:45:53	222730,1563	824,3394775	167459,1094	823,5386353	55271,0469
07-01-2021	9:45:58	223069,2813	824,3532715	167794,6875	823,5386353	55274,5938
07-01-2021	9:46:03	223449,4375	824,3532715	168315,2344	823,569519	55134,2031
07-01-2021	9:46:08	222730,0781	824,3525391	167551,8906	823,5466309	55178,1875
07-01-2021	9:46:13	224362,0813	824,3240356	169038,125	823,5419922	55323,9063
07-01-2021	9:46:18	223506,2969	824,3240356	168080,9531	823,5419922	55425,3438
07-01-2021	9:46:23	222826,6563	824,3550415	167987,4531	823,5302124	54839,2031
07-01-2021	9:46:28	222730,1406	824,3563232	167595,0156	823,5750122	55135,125
07-01-2021	9:46:33	223977,0938	824,3563232	168457,9688	823,578125	55519,125
07-01-2021	9:46:38	222929,7031	824,322998	167834,0625	823,578125	55095,6406
07-01-2021	9:46:43	223797,4219	824,3066406	168745,6719	823,574585	55051,75
07-01-2021	9:46:48	222779,9375	824,3435669	167652,1875	823,5283203	55127,75
07-01-2021	9:46:53	223164,1719	824,3435669	168035,75	823,5283203	55128,4219
07-01-2021	9:46:58	222542,5625	824,3320293	167464,4844	823,5079346	55078,0781
07-01-2021	9:47:03	222968,7656	824,352356	167791,6719	823,5501709	55177,0938
07-01-2021	9:47:08	223648,625	824,321106	168511,7344	823,541626	55136,8906
07-01-2021	9:47:13	223168,8281	824,321106	167746,1875	823,541626	55422,6406
07-01-2021	9:47:18	223804,8906	824,2740479	168558,3438	823,5522461	55246,5469
07-01-2021	9:47:23	223557,6094	824,3011475	168504,7813	823,5803223	55052,8281
07-01-2021	9:47:28	222820,9688	824,3713989	167450,0781	823,5827637	55370,8906
07-01-2021	9:47:33	223684,5625	824,3713989	168216,6719	823,5827637	55467,8906
07-01-2021	9:47:38	222697,125	824,2919312	167497,9844	823,5806274	55199,1406
07-01-2021	9:47:43	223162,0625	824,3474121	167880,7813	823,5802612	55281,2813
07-01-2021	9:47:48	223929,5781	824,3724976	168935,5156	823,5405884	54994,0625
07-01-2021	9:47:53	223251,0781	824,3724976	167936,625	823,5405884	55314,4531
07-01-2021	9:47:58	222797	824,2687988	167645,6094	823,5575562	55151,3906
07-01-2021	9:48:03	223036,7344	824,3532104	167745,5625	823,5371704	55291,1719
07-01-2021	9:48:08	223781,9375	824,3532104	168752,3281	823,5371704	55029,6094
07-01-2021	9:48:13	223353,5781	824,343811	168040,1875	823,4980469	55313,3906
07-01-2021	9:48:18	222930,8906	824,3098755	167738,3594	823,5695801	55192,5313
07-01-2021	9:48:23	223554,4063	824,3305054	168217,75	823,5196533	55336,6563
07-01-2021	9:48:28	222637,3906	824,3305054	167460,5781	823,5196533	55176,8125
07-01-2021	9:48:33	223256,1094	824,3495483	168088,8906	823,4942627	55167,2188
07-01-2021	9:48:38	222692,375	824,305542	167494,4531	823,5869751	55197,9219
07-01-2021	9:48:43	223555,5938	824,305542	168357,4063	823,5237427	55198,1875
07-01-2021	9:48:48	222692,8906	824,3022461	167459,0469	823,5237427	55233,8438
07-01-2021	9:48:53	224258,8281	824,3677368	168952,8906	823,4857788	55305,9375
07-01-2021	9:48:58	223125,6094	824,2940674	167935,375	823,5430908	55190,2344
07-01-2021	9:49:03	222790,25	824,2940674	167743,6406	823,5430908	55046,6094
07-01-2021	9:49:08	223555,0313	824,3053589	168559,6875	823,5374756	54995,3438
07-01-2021	9:49:13	222829,2031	824,3284912	167497,1563	823,5769043	55332,0469
07-01-2021	9:49:18	223343,8125	824,3770142	168259,9531	823,5983276	55083,8594
07-01-2021	9:49:23	222720,25	824,3770142	167444,9844	823,5983276	55275,2656
07-01-2021	9:49:28	223037,1875	824,2677002	167892,2656	823,5187988	55144,9219
07-01-2021	9:49:33	223513,2656	824,281311	168311,0781	823,5823364	55202,1875
07-01-2021	9:49:38	222673,3594	824,3739014	167496,0938	823,5394897	55177,2656
07-01-2021	9:49:43	224160,0156	824,3739014	168798,9844	823,5394897	55361,0313
07-01-2021	9:49:48	223074,375	824,2990723	167930	823,5698242	55144,375
07-01-2021	9:49:53	222500,4531	824,289917	167748,2656	823,5194092	54752,1875
07-01-2021	9:49:58	222643,625	824,2554321	167603,7188	823,5194092	55039,9063
07-01-2021	9:50:03	223323,375	824,2554321	167873,1406	823,611084	55450,2344
07-01-2021	9:50:08	223413,4688	824,2738037	168172,4063	823,5490723	55241,0625
07-01-2021	9:50:13	223125,7031	824,2979736	167779,4375	823,5964966	55346,2656
07-01-2021	9:50:18	223692,5156	824,2979736	168594,3906	823,5964966	55098,125
07-01-2021	9:50:23	222961,9375	824,3397217	167731,3906	823,5973511	55230,5469
07-01-2021	9:50:28	223632,3594	824,3439941	168555,8125	823,5494995	55076,5469
07-01-2021	9:50:33	223152,5938	824,3405151	167884,6406	823,5811768	55267,9531
07-01-2021	9:50:38	224257,4063	824,3405151	168741,25	823,5811768	55516,1563
07-01-2021	9:50:43	223639,4219	824,3184814	168029,2188	823,5495605	55610,2031
07-01-2021	9:50:48	223926,5781	824,3174438	168691,5781	823,539689	55235
07-01-2021	9:50:53	223446,6719	824,3174438	168260,125	823,5893555	55186,5469
07-01-2021	9:50:58	223007,1875	824,3486938	167877,5	823,5893555	55129,6875
07-01-2021	9:51:03	223456,2344	824,2814941	168169,4063	823,56427	55286,8281
07-01-2021	9:51:08	223314,8594	824,2727051	168168,9375	823,5703125	55145,9219
07-01-2021	9:51:13	223218,6875	824,2727051	167929,1719	823,5703125	55289,5156
07-01-2021	9:51:18	223646,5	824,2883301	168457,625	823,5613403	55188,875
07-01-2021	9:51:23	223582,3906	824,3480835	168411,5469	823,552124	55170,8438
07-01-2021	9:51:28	222913,3906	824,341198	167692,3594	823,565979	55221,0313
07-01-2021	9:51:33	224016,5938	824,341198	168792,2344	823,565979	55224,3594
07-01-2021	9:51:38	223268,9688	824,2719116	168075,9844	823,5516968	55192,9844
07-01-2021	9:51:43	223535,8438	824,3519897	168900,5938	823,4996948	54635,25
07-01-2021	9:51:48	223535,8281	824,3146973	168325,2969	823,5111084	55210,5313
07-01-2021	9:51:53	222922,2969	824,3146973	168754,5	823,5111084	54167,969
07-01-2021	9:51:58	223842,6719	824,2822876	168517,75	823,4960327	55324,9219
07-01-2021	9:52:03	223006,0313	824,3615723	167892,5313	823,5099487	55113,5
07-01-2021	9:52:08	224013,4688	824,3088989	168850,5938	823,5099487	55162,875
07-01-2021	9:52:13	223499,75	824,3088989	168073,7344	823,5591431	55426,0156
07-01-2021	9:52:18	223064,0938	824,3172607	167940,2344	823,5072632	55123,8594
07-01-2021	9:52:23	223543,6875	824,2850342	168273,0938	823,5210571	55270,5938
07-01-2021	9:52:28	222737,7031	824,2850342	167553,8906	823,5210571	55183,8125
07-01-2021	9:52:33	223360,5	824,2886963	168022,7969	823,5741577	55337,7031
07-01-2021	9:52:38	223263,9375	824,2958984	168036,2344	823,5065918	55227,7031
07-01-2021	9:52:43	223024,2969	824,2958984	168611,5781	823,6013184	54412,7188
07-01-2021	9:52:48	223402,5313	824,3135376	168162	823,6013184	55240,5313

07-01-2021	9:52:53	223212,9688	824,305542	167500,2969	823,5537109	55712,6719
07-01-2021	9:52:58	223543,0938	824,3262939	168266,7031	823,5531616	55276,3906
07-01-2021	9:53:03	223015,5938	824,3262939	167690,5938	823,5531616	55325
07-01-2021	9:53:08	223444,5625	824,336731	168222,875	823,5283813	55221,6875
07-01-2021	9:53:13	223257,1875	824,3209839	167880,6094	823,5582886	55376,5781
07-01-2021	9:53:18	224099,8594	824,3978271	168840,0156	823,5584717	55259,8438
07-01-2021	9:53:23	223381,25	824,3978271	167978,7031	823,5584717	55402,5469
07-01-2021	9:53:28	223983,9375	824,3004761	168795,2188	823,5509033	55188,7188
07-01-2021	9:53:33	223113,3438	824,3306885	167930,8594	823,5501709	55182,4844
07-01-2021	9:53:38	223825,0938	824,3596802	168745,8906	823,5421753	55079,2031
07-01-2021	9:53:43	223345,2188	824,3596802	168029,125	823,5421753	55316,0938
07-01-2021	9:53:48	223194,9219	824,3858032	168027,3281	823,5513916	55167,5938
07-01-2021	9:53:53	223732,2656	824,3477173	168407,1719	823,5697632	55325,0938
07-01-2021	9:53:58	222917,0781	824,3186646	167736,0156	823,510376	55181,0625
07-01-2021	9:54:03	223164,8281	824,3186646	168131,3281	823,510376	55033,5
07-01-2021	9:54:08	224351,9063	824,3643188	169331,2656	823,5038452	55020,6406
07-01-2021	9:54:13	224064,8281	824,375	168983,8125	823,5628662	55081,0156
07-01-2021	9:54:18	222910,7969	824,375	167881,1875	823,5628662	55029,6094
07-01-2021	9:54:23	223985,2813	824,3030396	168649,25	823,5579224	55336,0313
07-01-2021	9:54:28	223061,5938	824,3486938	167937,6094	823,5128174	55123,9844
07-01-2021	9:54:33	224117,0313	824,3584595	168992,3438	823,4705811	55124,6875
07-01-2021	9:54:38	223202,6406	824,3584595	168089,7969	823,4705811	55112,8438
07-01-2021	9:54:43	222675,5	824,3574219	168218,2344	823,5514526	54457,2656
07-01-2021	9:54:48	223685,25	824,3483887	168418,3438	823,5097046	55266,9063
07-01-2021	9:54:53	223061,5	824,3483887	167651,25	823,5214233	55410,25
07-01-2021	9:54:58	223441,2188	824,3648682	168176,2656	823,5214233	55264,9531
07-01-2021	9:55:03	223495,4531	824,3378906	168889,9063	823,5455322	54605,5469
07-01-2021	9:55:08	223505,7969	824,2938232	168218,2969	823,5476074	55287,5
07-01-2021	9:55:13	223122,25	824,2938232	167547,1563	823,5476074	55575,0938
07-01-2021	9:55:18	223086,2969	824,2409668	167938,9219	823,5059814	55147,375
07-01-2021	9:55:23	223561,8594	824,2537842	168463,0469	823,5148926	55098,8125
07-01-2021	9:55:28	223154,2188	824,3399658	167926,0313	823,5634155	55228,1875
07-01-2021	9:55:33	224112,4531	824,3399658	168837,6406	823,5634155	55274,8125
07-01-2021	9:55:38	223214,2344	824,2895508	168033,9219	823,5068359	55180,3125
07-01-2021	9:55:43	223036,5938	824,2323608	167690,625	823,5455322	55345,9688
07-01-2021	9:55:48	223496,4844	824,3076172	168408,9844	823,5340576	55087,5
07-01-2021	9:55:53	223831,8125	824,3076172	168698,875	823,5340576	55132,9375
07-01-2021	9:55:58	223067,6719	824,2955322	168086,6875	823,4746704	54980,9844
07-01-2021	9:56:03	222773,8438	824,3181763	167678,4219	823,5993042	55095,4219
07-01-2021	9:56:08	224069,1094	824,3053589	168924,7813	823,5357666	55144,3281
07-01-2021	9:56:13	223640,6094	824,3053589	168122,4531	823,5357666	55518,1563
07-01-2021	9:56:18	223161,1094	824,3041992	168134,9688	823,4846191	55026,1406
07-01-2021	9:56:23	223161,0156	824,3014526	167838,2188	823,522583	55322,7969
07-01-2021	9:56:28	223833,7344	824,3014526	168604,5	823,522583	55229,2344
07-01-2021	9:56:33	223311,7656	824,2791748	167988,8125	823,4808835	55322,9531
07-01-2021	9:56:38	222861,5469	824,3531494	167756,1406	823,4453735	55105,4063
07-01-2021	9:56:43	223005,5313	824,30896	167661	823,4677124	55344,5313
07-01-2021	9:56:48	223543,5625	824,30896	168279,875	823,4677124	55263,6875
07-01-2021	9:56:53	223355,5156	824,2955933	167796,8906	823,4816895	55558,625
07-01-2021	9:56:58	224171,125	824,2984619	168903,4375	823,4625244	55267,6875
07-01-2021	9:57:03	223451,6875	824,2984619	168040,375	823,5107422	55411,3125
07-01-2021	9:57:08	223932,4531	824,2922974	168797,8438	823,5107422	55134,6094
07-01-2021	9:57:13	223304,7656	824,3063354	168125,25	823,5181885	55179,5156
07-01-2021	9:57:18	222867,5313	824,3276978	167789,9844	823,5162964	55077,5469
07-01-2021	9:57:23	223251,3594	824,3276978	168747,3906	823,5162964	54503,9688
07-01-2021	9:57:28	222974,3594	824,2846069	167984,8281	823,4937134	54989,5313
07-01-2021	9:57:33	222387,6875	824,326416	168074,8594	823,5233154	54312,8281
07-01-2021	9:57:38	223675,1563	824,3531494	168560,625	823,4914551	55114,5313
07-01-2021	9:57:43	223195,8594	824,3531494	167841,4063	823,4914551	55354,4531
07-01-2021	9:57:48	223145,875	824,3618164	168023,7344	823,5392456	55122,1406
07-01-2021	9:57:53	222830,9531	824,2836304	167492,5156	823,5586548	55338,4375
07-01-2021	9:57:58	223060	824,3249512	167828,125	823,536377	55231,875
07-01-2021	9:58:03	223490,6875	824,3249512	168312,6719	823,536377	55178,0156
07-01-2021	9:58:08	222856,0625	824,3666992	167638,3906	823,5444946	55217,6719
07-01-2021	9:58:13	224011,4375	824,3509521	168790,6406	823,539978	55220,7969
07-01-2021	9:58:18	223195,8281	824,2979126	168263,2813	823,539978	54932,5469
07-01-2021	9:58:23	222922,4063	824,2979126	167973,9063	823,5488892	54948,5
07-01-2021	9:58:28	222961,2813	824,3323975	167882,3438	823,5270996	55078,9375
07-01-2021	9:58:33	223488,375	824,3153687	168213,9219	823,5470581	55274,4531
07-01-2021	9:58:38	222821,5938	824,3153687	167638,6719	823,5470581	55182,9219
07-01-2021	9:58:43	223302,6875	824,3103638	167932,8906	823,513855	55369,7969
07-01-2021	9:58:48	223335,0625	824,3686523	168219,4219	823,5192871	55115,6406
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07-01-2021	9:58:58	223110,6719	824,3074341	167973,7656	823,5494995	55136,9063
07-01-2021	9:59:03	223963,2813	824,3441162	169083,625	823,5170898	54879,6563
07-01-2021	9:59:08	223340,625	824,3401489	168161,3125	823,5741577	55179,3125
07-01-2021	9:59:13	222765,2656	824,3401489	167681,9688	823,5449829	55083,2969
07-01-2021	9:59:18	223352,0469	824,2957153	168166,4375	823,5449829	55185,6094
07-01-2021	9:59:23	222812,5156	824,3418579	167633,6875	823,5758057	55178,8281
07-01-2021	9:59:28	223247,0313	824,3329468	168070,1406	823,5542603	55176,8906
07-01-2021	9:59:33	223726,8125	824,3329468	168741,3125	823,5542603	54985,5
07-01-2021	9:59:38	223159,2656	824,3007202	167976,9844	823,5370483	55182,2813
07-01-2021	9:59:43	222677,5781	824,3048706	168225,2656	823,4941406	54452,3125
07-01-2021	9:59:48	223679,8906	824,322876	168366,7813	823,5056763	55313,1094
07-01-2021	9:59:53	222864,4844	824,322876	167647,6563	823,5056763	55216,8281
07-01-2021	9:59:58	223396,8594	824,3043213	168360,375	823,5377808	55036,4844
07-01-2021	10:00:03	222903,7188	824,3553467	167644,8438	823,5195923	55258,875
07-01-2021	10:00:08	223287,6875	824,3583374	167932,5	823,5383911	55355,1875
07-01-2021	10:00:13	222712,5469	824,3583374	167545,2813	823,5383911	55167,2656
07-01-2021	10:00:18	222729,2344	824,2954102	167642,2813	823,5326538	55086,9531
07-01-2021	10:00:23	222672,9375	824,3314209	167739,2344	823,5274048	54933,7031
07-01-2021	10:00:28	223057,25	824,312561	167931,0313	823,5274048	55126,2188
07-01-2021	10:00:33	222870,5938	824,312561	168403,4688	823,5623779	54467,125
07-01-2021	10:00:38	223676,4375	824,3433228	168408,0781	823,5391846	55268,3594
07-01-2021	10:00:43	223053,0469	824,2966919	167927,1875	823,5465698	55125,8594
07-01-2021	10:00:48	223928,9375	824,2966919	168742,1719	823,5465698	55186,7656
07-01-2021	10:00:53	223441,4219	824,3256226	167938,3125	823,4944458	55503,1094
07-01-2021	10:00:58	223107,8594	824,3181763	167932,7813	823,5145264	55175,0781
07-01-2021	10:01:03	222915,8906	824,2782593	168651,1875	823,5608521	54264,7031
07-01-2021	10:01:08	223309,7969	824,2782593	168210,5156	823,5608521	55099,2813
07-01-2021	10:01:13	222858,625	824,348938	167550,3438	823,505127	55308,2813
07-01-2021	10:01:18	223240,5156	824,3569946	168072,1875	823,53302	55168,3281
07-01-2021	10:01:23	223911,8594	824,3569946	168503,6563	823,5084839	55408,2031
07-01-2021	10:01:28	223105,5781	824,322998	167933,2813	823,5084839	55172,2969
07-01-2021	10:01:33	222827,75	824,2851563	167591,7188	823,5386963	55236,0313

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07-01-2021	10:01:43	223194,7969	824,347229	168170	823,5233154	55024,7969
07-01-2021	10:01:48	223343,9219	824,3289795	168120,9844	823,5252686	55222,9375
07-01-2021	10:01:53	222869,7188	824,3080444	167690,6875	823,5194702	55179,0313
07-01-2021	10:01:58	223283,9375	824,3710938	167833,7344	823,5314331	55450,2031
07-01-2021	10:02:03	223955,1719	824,3710938	168646,2969	823,5314331	55308,875
07-01-2021	10:02:08	223052,0781	824,338623	167927,0313	823,5285034	55125,0469
07-01-2021	10:02:13	222965,4688	824,3045044	168119,6719	823,5240479	54845,7969
07-01-2021	10:02:18	223685,2031	824,270752	168599,1406	823,5737305	55086,0625
07-01-2021	10:02:23	223214	824,270752	168109,8125	823,5737305	55104,1875
07-01-2021	10:02:28	222859,1094	824,3480835	167786,7656	823,5108643	55072,3438
07-01-2021	10:02:33	222775,5781	824,3007813	167732,2344	823,5438843	55043,3438
07-01-2021	10:02:38	223687,0938	824,3726196	168691,0469	823,5438843	54996,0469
07-01-2021	10:02:43	223093,2344	824,3726196	167825,9063	823,5587158	55267,3281
07-01-2021	10:02:48	224452,9219	824,3139038	169172,4375	823,5372925	55280,4844
07-01-2021	10:02:53	223733,4063	824,3827515	168309,0313	823,536499	55424,375
07-01-2021	10:02:58	222802,7813	824,3827515	167685,7656	823,536499	55117,0156
07-01-2021	10:03:03	223434,6719	824,3511353	168122,0469	823,5122681	55312,625
07-01-2021	10:03:08	222850,0469	824,387207	167642,6406	823,512207	55207,4063
07-01-2021	10:03:13	223185,6563	824,3470459	167739,2188	823,5385742	55446,4375
07-01-2021	10:03:18	223148,2656	824,3470459	167877,0938	823,5385742	55271,1719
07-01-2021	10:03:23	223822,5938	824,3366699	168900,375	823,4518433	54922,2188
07-01-2021	10:03:28	223309,6094	824,2793579	168072,625	823,5159302	55236,9844
07-01-2021	10:03:33	222878,1094	824,2793579	167449,375	823,5769653	55428,7344
07-01-2021	10:03:38	223488,6563	824,3286743	168300,0781	823,5769653	55188,5781
07-01-2021	10:03:43	222779,6406	824,2896118	167737,0625	823,5198364	55042,5781
07-01-2021	10:03:48	224119,4688	824,3013916	168539,7031	823,581543	55579,7656
07-01-2021	10:03:53	223112,2188	824,3013916	167772,7031	823,581543	55339,5156
07-01-2021	10:03:58	223202,6406	824,322876	168127,1563	823,4866943	55075,4844
07-01-2021	10:04:03	223156,8594	824,3141479	168223,1875	823,4859619	54933,6719
07-01-2021	10:04:08	222666,5781	824,3540039	167599,125	823,5474854	55067,4531
07-01-2021	10:04:13	223240,8438	824,3540039	168066,2969	823,5474854	55174,5469
07-01-2021	10:04:18	222725,6563	824,312561	167447,9063	823,5234985	55277,75
07-01-2021	10:04:23	222720,6719	824,3314209	167501,75	823,4897461	55218,9219
07-01-2021	10:04:28	223486,9375	824,2915649	168364	823,5438843	55122,9375
07-01-2021	10:04:33	223352,9688	824,2915649	167970,4063	823,5438843	55382,5625
07-01-2021	10:04:38	223294,0938	824,3283691	168059,1563	823,579895	55234,9375
07-01-2021	10:04:43	223155,1875	824,3103638	168206,25	823,5634766	54948,9375
07-01-2021	10:04:48	223059,0938	824,3103638	167870,6563	823,5634766	55188,4375
07-01-2021	10:04:53	223339,0938	824,3393555	168121,5469	823,50354	55217,5469
07-01-2021	10:04:58	222865,5625	824,3164063	167682,8594	823,539856	55182,7031
07-01-2021	10:05:03	223488,875	824,3878784	168162,2344	823,5476685	55326,6406
07-01-2021	10:05:08	222846,7188	824,3878784	167536,8281	823,5476685	55309,8906
07-01-2021	10:05:13	223193,9688	824,340332	167927,5625	823,5073853	55266,4063
07-01-2021	10:05:18	223400,7813	824,2870483	168107,3906	823,5673218	55293,3906
07-01-2021	10:05:23	222921,25	824,2870483	167532,9219	823,5219116	55388,3281
07-01-2021	10:05:28	223870,9063	824,3242188	168500,7031	823,5219116	55370,2031
07-01-2021	10:05:33	223098,4531	824,3427734	167876,7656	823,5256348	55221,6875
07-01-2021	10:05:38	223536,7813	824,3167114	168544,1094	823,5481567	54992,6719
07-01-2021	10:05:43	223154,0469	824,3167114	167633,3438	823,5481567	55520,7031
07-01-2021	10:05:48	223913,8438	824,3456421	168691,8281	823,5249023	55222,0156
07-01-2021	10:05:53	223337,6094	824,3487549	168126,8594	823,4734497	55210,75
07-01-2021	10:05:58	223331,7344	824,3682861	168122,6094	823,494751	55209,125
07-01-2021	10:06:03	222995,8594	824,3682861	167595,3125	823,494751	55400,5469
07-01-2021	10:06:08	223908,9063	824,3601685	168690	823,5341187	55218,9063
07-01-2021	10:06:13	223047,6563	824,3517456	167820,25	823,5687866	55227,4063
07-01-2021	10:06:18	223858,8281	824,3684692	168683,1563	823,560791	55175,6719
07-01-2021	10:06:23	223426,9063	824,3684692	168013,625	823,560791	55413,2813
07-01-2021	10:06:28	222944,9375	824,3792725	167629,9844	823,5575562	55314,9531
07-01-2021	10:06:33	223641,9375	824,2827148	168258	823,5333862	55383,9375
07-01-2021	10:06:38	222922,6406	824,3519897	167730,6719	823,5333862	55191,9688
07-01-2021	10:06:43	223816,4219	824,3519897	168396,4844	823,5563354	55419,9375
07-01-2021	10:06:48	223060,4219	824,3088379	167826,0156	823,5362549	55234,4063
07-01-2021	10:06:53	223863,3281	824,3557739	168694,5469	823,5118408	55168,7813
07-01-2021	10:06:58	223047,9375	824,3557739	167879,5781	823,5118408	55168,3594
07-01-2021	10:07:03	223040,1406	824,3856812	167919,625	823,5516357	55120,5156
07-01-2021	10:07:08	223826,8594	824,3131714	168587,3281	823,5684814	55239,5313
07-01-2021	10:07:13	223538,625	824,3225098	168299	823,5193481	55239,625
07-01-2021	10:07:18	222672,9375	824,3225098	167589,7188	823,5193481	55083,2188
07-01-2021	10:07:23	223820,3594	824,3370361	168537,7344	823,5732422	55282,625
07-01-2021	10:07:28	223056,6094	824,3230591	167864,9688	823,5775757	55191,6406
07-01-2021	10:07:33	222960,7656	824,3230591	167865,0156	823,5562134	55095,75
07-01-2021	10:07:38	224016,8594	824,3201294	168827,2344	823,5562134	55189,625
07-01-2021	10:07:43	223210,8281	824,2785645	168160,2656	823,5393066	55050,5625
07-01-2021	10:07:48	222474,8906	824,3452148	167351,0781	823,5101318	55123,8125
07-01-2021	10:07:53	223050,7813	824,3452148	167734,5938	823,5101318	55316,1875
07-01-2021	10:07:58	223239,625	824,3615723	167975,6406	823,5033569	55263,9844
07-01-2021	10:08:03	222952,75	824,3582153	167776,875	823,5386353	55175,875
07-01-2021	10:08:08	222952,9219	824,3569336	167871,7031	823,5438843	55081,2188
07-01-2021	10:08:13	223480,6563	824,3569336	168590,8125	823,5438843	54889,8438
07-01-2021	10:08:18	223437,1406	824,3413086	168302,9375	823,5450439	55134,2031
07-01-2021	10:08:23	222614,0781	824,371146	167485,1094	823,5593872	55128,9688
07-01-2021	10:08:28	223717,25	824,3182373	168443,8281	823,5424194	55273,4219
07-01-2021	10:08:33	223156,8906	824,3182373	167824,0469	823,5424194	55332,8438
07-01-2021	10:08:38	223540,3125	824,3231812	168354,875	823,5247803	55185,4375
07-01-2021	10:08:43	222565,7813	824,3795776	167248,4688	823,5441284	55317,3125
07-01-2021	10:08:48	222661,9531	824,3459473	167536,125	823,5441284	55125,8281
07-01-2021	10:08:53	223582,2031	824,3459473	168311,3125	823,5030518	55270,8906
07-01-2021	10:08:58	223236,375	824,3845215	167627,5781	823,5661011	55608,7969
07-01-2021	10:09:03	223715,7344	824,4016113	168404,3281	823,517395	55311,4063
07-01-2021	10:09:08	222943,8281	824,4016113	167733,1563	823,517395	55210,6719
07-01-2021	10:09:13	223902,1719	824,4055176	168777,0313	823,5716553	55125,1406
07-01-2021	10:09:18	223199,7031	824,3439941	168123,25	823,484436	55076,4531
07-01-2021	10:09:23	222769,3125	824,3968506	167452,0625	823,5303955	55317,25
07-01-2021	10:09:28	223473,6094	824,3968506	168257,9531	823,5303955	55215,6563
07-01-2021	10:09:33	223044,6719	824,3869629	167621,4531	823,6011963	55423,2188
07-01-2021	10:09:38	223824,3438	824,3407593	168733,2656	823,5546265	55091,0781
07-01-2021	10:09:43	223200,7656	824,3407593	167918,3438	823,5546265	55282,4219
07-01-2021	10:09:48	223244,6094	824,3567505	168115,5781	823,5271606	55129,0313
07-01-2021	10:09:53	222817,5313	824,338623	167582,3281	823,5529175	55235,2031
07-01-2021	10:09:58	223484,4688	824,3570557	168297,1406	823,5742188	55187,3281
07-01-2021	10:10:03	222763,7813	824,3570557	167530,2188	823,5742188	55233,5625
07-01-2021	10:10:08	224004,625	824,3791504	168777,5156	823,5692139	55227,1094
07-01-2021	10:10:13	223116,8906	824,4710693	167854,7031	823,6259155	55262,1875
07-01-2021	10:10:18	222466,75	824,3915405	167183,7031	823,5396118	55283,0469

07-01-2021	10:10:23	222946,6094	824,3915405	167728,0781	823,5396118	55218,5313
07-01-2021	10:10:28	223576,6094	824,371146	168349,2656	823,5496826	55227,3438
07-01-2021	10:10:33	223147,5156	824,3614502	167822,8438	823,5489502	55324,6719
07-01-2021	10:10:38	223484,2188	824,442749	168206,3125	823,53125	55277,9063
07-01-2021	10:10:43	222839,0938	824,442749	167538,7969	823,53125	55300,2969
07-01-2021	10:10:48	223385,0156	824,3729248	168208,6563	823,5373535	55176,3594
07-01-2021	10:10:53	222717,9375	824,3566284	167430,3594	823,5905762	55287,5781
07-01-2021	10:10:58	223053,5938	824,3578491	167957,6719	823,5905762	55095,9219
07-01-2021	10:11:03	222477,8438	824,3578491	167243,7656	823,5682983	55234,0781
07-01-2021	10:11:08	223379,3125	824,3947144	168047,4531	823,624939	55331,8594
07-01-2021	10:11:13	222707,9844	824,4237061	167375,6563	823,5744629	55332,3281
07-01-2021	10:11:18	223803,2188	824,4237061	168727,0625	823,5744629	55076,1563
07-01-2021	10:11:23	222982,3281	824,4447021	167822,6406	823,5463867	55159,6875
07-01-2021	10:11:28	223863,6406	824,3777466	168588,2813	823,5531616	55275,3594
07-01-2021	10:11:33	223191,75	824,3777466	167917,1563	823,550293	55274,5938
07-01-2021	10:11:38	222415,2813	824,413208	167245,8594	823,550293	55169,4219
07-01-2021	10:11:43	223034,0469	824,4308472	167722,8594	823,562439	55311,1875
07-01-2021	10:11:48	223757,6406	824,4164429	168494,1719	823,5405884	55263,4688
07-01-2021	10:11:53	223565,25	824,4164429	168207,3125	823,5405884	55357,9375
07-01-2021	10:11:58	222754,3594	824,4014282	167535,0469	823,5465088	55219,3125
07-01-2021	10:12:03	223617,6406	824,40448	168398,7031	823,5423584	55218,9375
07-01-2021	10:12:08	222847,8281	824,4138794	167727,6875	823,5419922	55120,1406
07-01-2021	10:12:13	223423,2188	824,4138794	168350,8594	823,5419922	55072,3594
07-01-2021	10:12:18	222804,125	824,401123	167628,0469	823,5645752	55176,0781
07-01-2021	10:12:23	223920,625	824,3510742	168784,4688	823,534668	55136,1563
07-01-2021	10:12:28	223331,9531	824,3989258	168017,4844	823,5147705	55314,4688
07-01-2021	10:12:33	222708,6719	824,3989258	167446,1719	823,5147705	55262,5
07-01-2021	10:12:38	223424,875	824,4113159	168202,1094	823,5704346	55222,7656
07-01-2021	10:12:43	222984,7969	824,4436035	167764,5781	823,6010742	55220,2188
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07-01-2021	10:13:48	223133,6406	824,4258423	167915,6719	823,5684814	55217,9688
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07-01-2021	10:14:43	222930,5781	824,4789429	167712,6406	823,621521	55217,9375
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07-01-2021	10:16:53	222560,0625	824,444458	167377,7031	823,6306152	55182,3594
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07-01-2021	10:17:38	223693,375	824,5116577	168472,1563	823,6744385	55221,2188
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07-01-2021	10:17:48	222742,9688	824,4832764	167623	823,602356	55119,9688
07-01-2021	10:17:53	222991,1406	824,4509277	167620,5625	823,6143188	55370,5781
07-01-2021	10:17:58	223272,4844	824,475647	168192,8125	823,6295776	55079,6719
07-01-2021	10:18:03	222792,9063	824,475647	167282,0156	823,6295776	55510,8906
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07-01-2021	10:18:38	222642,4219	824,5079956	167231,3438	823,6864014	55411,0781
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07-01-2021	10:19:48	223644,8125	824,5355835	168384,7188	823,6322632	55260,0938
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07-01-2021	10:20:53	222497,9375	824,5168457	167370,1719	823,6764526	55127,7656
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07-01-2021	10:21:43	223160,1719	824,5202637	167693,5781	823,7607422	55466,5938
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07-01-2021	10:22:13	223931,5	824,5531616	168939,0625	823,7442627	54992,4375
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07-01-2021	10:22:38	223071,8281	824,5346069	168024,4531	823,7681274	55047,375
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07-01-2021	10:22:48	222724,125	824,5818481	167413,9219	823,7089844	55310,2031
07-01-2021	10:22:53	223112,2813	824,5633545	167693,2344	823,7505493	55419,0469
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07-01-2021	10:23:38	222503,9688	824,5393066	167215,1094	823,74823	55288,8594
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07-01-2021	10:24:38	223352,5781	824,5756836	168043,8125	823,68573	55308,7656
07-01-2021	10:24:43	222786,9375	824,5383911	167454,8906	823,755127	55332,0469
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07-01-2021	10:25:38	222824,3594	824,586731	167839,9375	823,7504272	54984,4219
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07-01-2021	10:26:58	223295,6875	824,624939	168123,5469	823,777771	55172,1406
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07-01-2021	10:27:18	223160,2969	824,5932007	167968,4531	823,835083	55191,8438
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07-01-2021	10:27:28	223253,875	824,6004639	167927,625	823,8030396	55326,25
07-01-2021	10:27:33	222756,3281	824,6681519	167447,0781	823,8056641	55309,25
07-01-2021	10:27:38	223881,7969	824,5845337	168549,375	823,8035889	55332,4219
07-01-2021	10:27:43	223114,1563	824,5845337	167735,8125	823,8035889	55378,3438
07-01-2021	10:27:48	222538,125	824,5884399	167299,9531	823,8261719	55238,1719

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07-01-2021	10:27:58	222584,4688	824,5691528	167209,0625	823,8011475	55375,4063
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07-01-2021	10:28:13	223253,0938	824,595459	168076,5156	823,7685547	55176,5781
07-01-2021	10:28:18	222920,4844	824,595459	167551,0156	823,7685547	55369,4688
07-01-2021	10:28:23	223188,4063	824,6687012	168271,2969	823,765564	54917,1094
07-01-2021	10:28:28	223440,3281	824,6252441	168232,3906	823,7200928	55207,9375
07-01-2021	10:28:33	222865,0313	824,6252441	167513,3906	823,7935181	55351,6406
07-01-2021	10:28:38	223103,4063	824,6303101	168026,0938	823,7935181	55077,3125
07-01-2021	10:28:43	222631,8438	824,5997925	167394,6563	823,8356934	55237,1875
07-01-2021	10:28:48	222828,0469	824,5762329	167547,8438	823,788269	55280,2031
07-01-2021	10:28:53	223210,6719	824,5762329	168123,0156	823,788269	55087,6563
07-01-2021	10:28:58	222674,6875	824,607666	167353,2656	823,8026733	55321,4219
07-01-2021	10:29:03	222718,3594	824,6248169	167781,6094	823,817749	54936,75
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07-01-2021	10:29:18	222995,1406	824,6619263	167787,0156	823,7904053	55208,125
07-01-2021	10:29:23	223013,3281	824,5969238	167686,9688	823,8151855	55326,3594
07-01-2021	10:29:28	223548,125	824,5737915	168459,1875	823,7920532	55088,9375
07-01-2021	10:29:33	222828,3438	824,5737915	167548,5781	823,7920532	55279,7656
07-01-2021	10:29:38	223298,1094	824,6118774	168270,3125	823,7739258	55027,7969
07-01-2021	10:29:43	223298,2031	824,6097412	168022,9063	823,8168335	55275,2969
07-01-2021	10:29:48	222578,8594	824,5952759	167208,1406	823,7390137	55370,7188
07-01-2021	10:29:53	223158,3594	824,5952759	167894,5469	823,7390137	55263,8125
07-01-2021	10:29:58	222682,4063	824,5748901	167297,5313	823,8497925	55384,875
07-01-2021	10:30:03	222832,7813	824,5515137	167684,9063	823,8297119	55147,875
07-01-2021	10:30:08	223456,9531	824,5515137	168307,0938	823,8297119	55149,8594
07-01-2021	10:30:13	222674,8438	824,6061401	167398,6719	823,8227539	55276,1719
07-01-2021	10:30:18	223479,4844	824,6463013	168314,0469	823,7987671	55165,4375
07-01-2021	10:30:23	222855,8281	824,5895996	167547,2031	823,8076782	55308,625
07-01-2021	10:30:28	222775,3281	824,5895996	167496,7813	823,8076782	55278,5469
07-01-2021	10:30:33	222818,2031	824,6092529	167510,5156	823,7379761	55307,6875
07-01-2021	10:30:38	223537,4375	824,6096802	168363,4375	823,7913208	55174
07-01-2021	10:30:43	222675,125	824,6096802	167500,7813	823,8190918	55174,3438
07-01-2021	10:30:48	222732,9844	824,576355	167543,1875	823,8190918	55189,7969
07-01-2021	10:30:53	222722,875	824,6141357	167876,0469	823,8323975	54846,8281
07-01-2021	10:30:58	222763,2031	824,6426392	167487,2344	823,8595581	55275,9688
07-01-2021	10:31:03	222715,4375	824,6426392	167870,6563	823,8595581	54844,7813
07-01-2021	10:31:08	222675,7031	824,6137695	167877,1094	823,8266602	54798,5938
07-01-2021	10:31:13	222440,0313	824,5986938	167250,3594	823,8494263	55189,6719
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07-01-2021	10:31:33	222857,6719	824,6517334	167488,1563	823,8588867	55369,5156
07-01-2021	10:31:38	222865,7031	824,6224976	167583,9844	823,8656616	55281,7188
07-01-2021	10:31:43	222577,1406	824,6224976	167630,5313	823,8656616	54946,6094
07-01-2021	10:31:48	223241,5625	824,6473389	168019,9063	823,8355713	55221,6563
07-01-2021	10:31:53	222575,3125	824,6276245	167147,25	823,8864136	55428,0625
07-01-2021	10:31:58	223630,2031	824,6306152	168393,2031	823,8660278	55237
07-01-2021	10:32:03	222957,8438	824,6306152	167582,5781	823,8660278	55375,2656
07-01-2021	10:32:08	223016,7813	824,5899048	167966,3906	823,8639526	55050,3906
07-01-2021	10:32:13	223198,2344	824,6242065	167879,9063	823,8165283	55318,3281
07-01-2021	10:32:18	222431,3125	824,6242065	167209	823,8165283	55222,3125
07-01-2021	10:32:23	223688,2344	824,5863037	168257,1719	823,8510132	55431,0625
07-01-2021	10:32:28	222767,5	824,6260986	167448,6563	823,8199463	55318,8438
07-01-2021	10:32:33	223726,7344	824,5928955	168550,9375	823,8755493	55175,7969
07-01-2021	10:32:38	222823,8906	824,5928955	167581,3594	823,8755493	55242,5313
07-01-2021	10:32:43	222419,2031	824,673584	167013,6563	823,8383789	55405,5469
07-01-2021	10:32:48	223058,6875	824,6127319	167775,1406	823,8648682	55283,5469
07-01-2021	10:32:53	222531,3438	824,6127319	167248	823,8602295	55283,3438
07-01-2021	10:32:58	222545,5313	824,5608521	167297,5781	823,8602295	55247,9531
07-01-2021	10:33:03	223102,7813	824,6292114	167831,1875	823,831604	55271,5938
07-01-2021	10:33:08	222722,7656	824,6156616	167588,4844	823,847229	55134,2813
07-01-2021	10:33:13	222530,8125	824,6156616	167252,2031	823,847229	55278,6094
07-01-2021	10:33:18	223287,6094	824,6535034	168059,125	823,8865356	55228,4844
07-01-2021	10:33:23	222539,7969	824,5797119	167352,5313	823,8249512	55187,2656
07-01-2021	10:33:28	222969,7344	824,5825195	167741,6406	823,7959595	55228,0938
07-01-2021	10:33:33	222538,4063	824,5825195	167215,25	823,7959595	55323,1563
07-01-2021	10:33:38	223244,7969	824,6307373	168075,2813	823,8091431	55169,5156
07-01-2021	10:33:43	222621,8594	824,6286011	167506,3906	823,7737427	55115,4688
07-01-2021	10:33:48	223289,4844	824,6427612	168178,2031	823,8623047	55111,2813
07-01-2021	10:33:53	222618,0313	824,6427612	167202,1094	823,8623047	55415,9219
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07-01-2021	10:34:13	222522,8125	824,6455688	167151,1875	823,8733521	55371,625
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07-01-2021	10:34:28	223021,0156	824,5664063	167725,9063	823,8789673	55295,1094
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07-01-2021	10:34:38	222816,6406	824,614624	167629,9844	823,8794556	55186,6563
07-01-2021	10:34:43	222625,0156	824,5999146	167533,375	823,8431396	55091,6406
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07-01-2021	10:34:58	222698,3281	824,6990356	167533,5781	823,8822632	55164,75
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07-01-2021	10:35:13	222676,0469	824,6019287	167336,9531	823,9069824	55339,0938
07-01-2021	10:35:18	223194,5625	824,6349487	168015,9219	823,8665161	55178,6406
07-01-2021	10:35:23	222667,125	824,6349487	167249,1406	823,8665161	55417,9844
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07-01-2021	10:35:43	222768,6406	824,6096802	167285,3438	823,921814	55483,2969
07-01-2021	10:35:48	222678,125	824,5876465	167390,5156	823,87146	55287,6094
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07-01-2021	10:36:13	222958,1406	824,6167603	167672,8438	823,8972778	55285,2969
07-01-2021	10:36:18	222958,0938	824,6360474	167865,2188	823,8972778	55092,875
07-01-2021	10:36:23	222377,3438	824,6360474	167438,4063	823,8744507	54938,9375
07-01-2021	10:36:28	222809,8281	824,6333008	167530,3906	823,890564	55279,4375
07-01-2021	10:36:33	222910,7656	824,6154785	167671,2188	823,9016724	55239,5469

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07-01-2021	10:36:43	222961,2031	824,6005859	167617,7344	823,9335327	55343,4688
07-01-2021	10:36:48	223015,5156	824,5770264	167670,1094	823,9147339	55345,4063
07-01-2021	10:36:53	222871,7813	824,6198812	167286,7188	823,9550171	55585,0625
07-01-2021	10:36:58	223244,875	824,6198812	167997,5	823,9550171	55247,375
07-01-2021	10:37:03	222851,8281	824,6553345	167527,5469	823,9085693	55324,2813
07-01-2021	10:37:08	223247,3594	824,6104126	168059,7813	823,8827515	55187,5781
07-01-2021	10:37:13	222767,7969	824,6104126	167532,6563	823,8827515	55235,1406
07-01-2021	10:37:18	223768,875	824,6324463	168497,0625	823,8527832	55271,8125
07-01-2021	10:37:23	223098,4531	824,6279297	167631,9375	823,8652954	55466,5156
07-01-2021	10:37:28	222677,9219	824,5870972	167335,375	823,9108276	55342,5469
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07-01-2021	10:37:38	222760,25	824,638916	167361,2813	823,7801514	55398,9688
07-01-2021	10:37:43	223882,1719	824,567627	168454,0938	823,8278198	55428,0781
07-01-2021	10:37:48	222952,125	824,6384277	167639,3906	823,8468018	55312,7344
07-01-2021	10:37:53	222808,6875	824,6384277	167923,2344	823,8468018	54885,4531
07-01-2021	10:37:58	222376,0625	824,6397705	167298,8594	823,8573608	55077,2031
07-01-2021	10:38:03	223244,7188	824,6113892	168051,0625	823,9231567	55193,6563
07-01-2021	10:38:08	222669,4375	824,569458	167428,7813	823,8851318	55240,6563
07-01-2021	10:38:13	223208,0781	824,569458	167963,4531	823,8851318	55244,625
07-01-2021	10:38:18	222577,1563	824,5982666	167241,3594	823,9016724	55335,7969
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07-01-2021	10:38:28	222996,6406	824,635498	167862,9531	823,9085083	55133,6875
07-01-2021	10:38:33	222952,5313	824,6226807	167105,7969	823,8599854	55846,7344
07-01-2021	10:38:38	222424,875	824,6266479	167389,375	823,8841553	55035,5
07-01-2021	10:38:43	222904,5156	824,6659546	167640,4375	823,826416	55264,0781
07-01-2021	10:38:48	223901,1719	824,6659546	168599	823,826416	55302,1719
07-01-2021	10:38:53	223440,7344	824,5888062	167857,4063	823,9403687	55583,3281
07-01-2021	10:38:58	222668,7656	824,6067505	167677,4219	823,8776855	54991,3438
07-01-2021	10:39:03	222716,3906	824,6067505	167389,875	823,9278564	55326,5156
07-01-2021	10:39:08	223193,5625	824,6124268	168002,9219	823,9278564	55190,6406
07-01-2021	10:39:13	222811,7031	824,604248	167532,2656	823,8847656	55279,4375
07-01-2021	10:39:18	222310,9531	824,5090942	167055,0781	823,8742676	55255,875
07-01-2021	10:39:23	222407,5313	824,5090942	167150,9688	823,8742676	55256,5625
07-01-2021	10:39:28	222765,4844	824,6064453	167384,8438	823,9030762	55380,6406
07-01-2021	10:39:33	222210,9219	824,5283203	167235,0781	823,9337158	54975,8438
07-01-2021	10:39:38	222427,0469	824,6177979	167147,7969	823,8865356	55279,25
07-01-2021	10:39:43	223528,8594	824,6177979	168441,7031	823,8865356	55087,1563
07-01-2021	10:39:48	222807,7031	824,62323	167679,0313	823,8658447	55128,6719
07-01-2021	10:39:53	222238,4063	824,6005859	166909,0625	823,8823242	55329,3438
07-01-2021	10:39:58	222762,7656	824,6099854	167388,25	823,8955688	55374,5156
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07-01-2021	10:40:08	222692,7656	824,512207	167288	823,9046631	55404,7656
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07-01-2021	10:40:23	222615,25	824,6242065	167637,5781	823,833252	54977,6719
07-01-2021	10:40:28	222582,2656	824,5666504	167240,7969	823,8973999	55341,4688
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07-01-2021	10:41:13	222626,6406	824,5784912	167387,1719	823,8894043	55239,4688
07-01-2021	10:41:18	223438,125	824,5946045	168152,875	823,8894043	55285,25
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07-01-2021	10:41:33	223147,1563	824,6031494	167575,8125	823,899292	55571,3438
07-01-2021	10:41:38	222526,5313	824,5940552	167242,9844	823,8863525	55283,5469
07-01-2021	10:41:43	223349,625	824,5634766	167825,75	823,8474731	55523,875
07-01-2021	10:41:48	222341,4063	824,5667114	167144,7344	823,8942871	55196,6719
07-01-2021	10:41:53	223204,5469	824,5667114	168008,1094	823,8942871	55196,4375
07-01-2021	10:41:58	222247,1875	824,5561523	167099,3594	823,8889771	55147,8281
07-01-2021	10:42:03	222293,4531	824,55896	167054,5156	823,8699341	55238,9375
07-01-2021	10:42:08	223204,3438	824,560791	167965,0625	823,8605957	55239,2813
07-01-2021	10:42:13	222484,7813	824,560791	166960,4531	823,8605957	55524,3281
07-01-2021	10:42:18	223195,375	824,5946045	167820,6875	823,8729248	55374,6875
07-01-2021	10:42:23	222474,1875	824,600769	166993,7969	823,9343872	55480,3906
07-01-2021	10:42:28	223241,6875	824,5179443	168000,1563	823,9343872	55241,5313
07-01-2021	10:42:33	222591,0781	824,5179443	167238,4531	823,9089966	55352,625
07-01-2021	10:42:38	223049,0156	824,5961304	167865,4844	823,8885498	55183,5313
07-01-2021	10:42:43	222542,5313	824,5158691	167284,2031	823,9160767	55258,3281
07-01-2021	10:42:48	223308,9375	824,5158691	168338,4219	823,9160767	54970,5156
07-01-2021	10:42:53	222823,2656	824,5346069	167394,2656	823,8441162	55429
07-01-2021	10:42:58	222868,7656	824,5499268	167148,1406	823,8770142	55720,625
07-01-2021	10:43:03	222340,2031	824,5374756	167335,2656	823,9002686	55004,9375
07-01-2021	10:43:08	222150,25	824,5374756	166951,9219	823,9002686	55198,3281
07-01-2021	10:43:13	223207,8438	824,5280762	167788,5156	823,7895508	55419,3281
07-01-2021	10:43:18	222055,6875	824,5227051	166918,8438	823,8250122	55136,8438
07-01-2021	10:43:23	222583,4219	824,5227051	167684,8594	823,8725586	54898,5625
07-01-2021	10:43:28	222513,0156	824,6073608	167339,9531	823,8725586	55173,0625
07-01-2021	10:43:33	222001,9844	824,5499268	167048,9375	823,8901978	54953,0469
07-01-2021	10:43:38	222940,4375	824,6278076	167722,6875	823,8722534	55217,75
07-01-2021	10:43:43	222317,2813	824,6278076	166955,9219	823,8722534	55361,3594
07-01-2021	10:43:48	223015,8438	824,5240479	167819,8906	823,8652344	55195,9531
07-01-2021	10:43:53	222334,4844	824,5618286	166960,7031	823,8480835	55373,7813
07-01-2021	10:43:58	223524,2188	824,5963135	168162,625	823,8287354	55361,5938
07-01-2021	10:44:03	223138,5156	824,5963135	167443,0313	823,8287354	55695,4844
07-01-2021	10:44:08	222226,4688	824,59729	166765,25	823,8637085	55461,2188
07-01-2021	10:44:13	223288,0781	824,5725708	167808,9219	823,9169922	55479,1563
07-01-2021	10:44:18	222287,75	824,5477295	167137,9688	823,8702393	55149,7813
07-01-2021	10:44:23	223054,8906	824,5477295	168009,8125	823,8702393	55045,0781
07-01-2021	10:44:28	222201,5938	824,5100708	166966,4375	823,8152466	55235,1563
07-01-2021	10:44:33	222189,5625	824,5571899	167392,75	823,8409424	54796,8125
07-01-2021	10:44:38	222716,1875	824,5784302	167536,4531	823,8409424	55179,7344
07-01-2021	10:44:43	222039,4063	824,5784302	166771,25	823,8291016	55268,1563
07-01-2021	10:44:48	223436,5	824,5546875	167920,6406	823,836731	55515,8594
07-01-2021	10:44:53	222430,25	824,5578613	166921,6875	823,7911987	55508,5625
07-01-2021	10:44:58	223197,0938	824,5578613	167928,1563	823,7911987	55268,9375
07-01-2021	10:45:03	222616,9375	824,571106	167112,125	823,8015747	55504,8125

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	222.517	824	169.680	824	52.837
Desv Est	388	0	401	0	181
% Desv Est	0,17%	0,01%	0,24%	0,01%	0,34%
Datos	361	361	361	361	361

Tiempo [h:mm:ss] 0:30:00

FLUJO_ENTRADA_TG1	FLUJO_ENTRADA_T	DENSIDAD_ENTRADA_T	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_T	Consumo [l/h]	
Time	Hora					
07-01-2021	11:00:03	222947,7031	824,4862061	170011,6406	823,8404541	52936,0625
07-01-2021	11:00:08	222141,3906	824,4534302	169245,9063	823,8394775	52895,4844
07-01-2021	11:00:13	222263,5313	824,536438	169393,5469	823,8163452	52869,9844
07-01-2021	11:00:18	223327,2656	824,5045776	170492,8906	823,8304443	52834,375
07-01-2021	11:00:23	222608,0156	824,5045776	169869,9063	823,8304443	52738,1094
07-01-2021	11:00:28	222463,7813	824,5075073	169673,4219	823,8504639	52790,3594
07-01-2021	11:00:33	222332,6719	824,4599609	169440,1094	823,8190918	52892,5625
07-01-2021	11:00:38	222074,3438	824,5255127	169440,1563	823,8250122	52634,1875
07-01-2021	11:00:43	222458,0781	824,5255127	169774,375	823,8250122	52683,7031
07-01-2021	11:00:48	222022,8438	824,5349731	169197,0625	823,8326416	52825,7813
07-01-2021	11:00:53	223180,2656	824,5063477	170202,2344	823,8378906	52978,0313
07-01-2021	11:00:58	222220,25	824,5082397	169483,4844	823,8378906	52736,7656
07-01-2021	11:01:03	222508,3594	824,5082397	169771,9531	823,836853	52736,4063
07-01-2021	11:01:08	222580,8125	824,4146729	169818,5938	823,8433228	52762,2188
07-01-2021	11:01:13	222910,625	824,4371338	169719,4531	823,8557739	53191,1719
07-01-2021	11:01:18	222000,4219	824,4371338	169239,5625	823,8557739	52760,8594
07-01-2021	11:01:23	222414,5313	824,5037842	169525,4375	823,8676147	52889,0938
07-01-2021	11:01:28	222660,8906	824,4713745	169899,7656	823,9087524	52761,125
07-01-2021	11:01:33	222419,75	824,5055542	169368,5156	823,9260864	53051,2344
07-01-2021	11:01:38	222460,25	824,5055542	169608,1094	823,9260864	52852,1406
07-01-2021	11:01:43	222243,625	824,4179688	169574,1406	823,8561401	52669,4844
07-01-2021	11:01:48	222976,9375	824,5452881	170202,8125	823,8278809	52774,125
07-01-2021	11:01:53	222305,7656	824,5452881	169388,1875	823,8771362	52917,5781
07-01-2021	11:01:58	223423	824,4904785	170623,3281	823,8771362	52799,6719
07-01-2021	11:02:03	222644,1875	824,5296021	169809,8438	823,8759155	52834,3438
07-01-2021	11:02:08	222071,6875	824,5202026	169331,8125	823,8702393	52739,875
07-01-2021	11:02:13	222455,5938	824,5202026	169618,4219	823,8702393	52837,1719
07-01-2021	11:02:18	222840,0781	824,5113525	170203,9375	823,8183594	52636,1406
07-01-2021	11:02:23	222232,6875	824,4509888	169239,125	823,854187	52993,5625
07-01-2021	11:02:28	222900,3125	824,4599609	170103,4375	823,8415527	52796,875
07-01-2021	11:02:33	222325,0469	824,4599609	169528,4219	823,8415527	52796,625
07-01-2021	11:02:38	222804,5781	824,460144	170185,6094	823,9055176	52618,9688
07-01-2021	11:02:43	222238,125	824,4255371	169485,75	823,8114624	52752,375
07-01-2021	11:02:48	222613,1719	824,4630127	169916,9844	823,7904053	52696,1875
07-01-2021	11:02:53	222181,3125	824,4630127	169250,3594	823,7904053	52930,9531
07-01-2021	11:02:58	222890,5781	824,5010986	170151,9531	823,8345947	52738,625
07-01-2021	11:03:03	222271,0469	824,482666	169679,1719	823,8066406	52591,875
07-01-2021	11:03:08	222846,6563	824,4802856	170062,5	823,8066406	52784,1563
07-01-2021	11:03:13	222512,6406	824,4802856	169632	823,8029175	52880,6406
07-01-2021	11:03:18	222948,5938	824,4644775	170118,0781	823,7686768	52830,5156
07-01-2021	11:03:23	222660,7813	824,49823	169681,5781	823,7947998	52979,2031
07-01-2021	11:03:28	222892,5625	824,49823	170207,8125	823,7947998	52684,75
07-01-2021	11:03:33	222745,5625	824,507019	169767,1094	823,84198	52978,4531
07-01-2021	11:03:38	222981,25	824,5192871	170162,1875	823,7836914	52819,0625
07-01-2021	11:03:43	222932,9844	824,4815674	170160,7188	823,8183594	52772,2656
07-01-2021	11:03:48	222271,6094	824,4815674	169483,625	823,8183594	52787,9844
07-01-2021	11:03:53	222706,4688	824,46875	169828,1094	823,7734375	52878,3594
07-01-2021	11:03:58	222083,2344	824,4692383	169335,0938	823,84198	52748,1406
07-01-2021	11:04:03	222227	824,4692383	169287,1406	823,8170776	52939,8594
07-01-2021	11:04:08	222704,5938	824,4752197	170010,9219	823,8170776	52693,6719
07-01-2021	11:04:13	222078,2188	824,4875488	169247	823,7998047	52831,2188
07-01-2021	11:04:18	222756,7031	824,4602051	169921,3594	823,7861328	52835,3438
07-01-2021	11:04:23	222228,2031	824,4602051	169345,5469	823,7861328	52882,6563
07-01-2021	11:04:28	222507,9688	824,4932251	169916,5	823,8065796	52591,4688
07-01-2021	11:04:33	222070,8125	824,5152588	169337,7813	823,8251343	52733,0313
07-01-2021	11:04:38	222794,3281	824,498291	170058,2969	823,8165283	52736,0313
07-01-2021	11:04:43	222410,8438	824,498291	169435,2813	823,8165283	52975,5625
07-01-2021	11:04:48	223083,8281	824,4937134	170201,3281	823,8197021	52882,5
07-01-2021	11:04:53	222467,0938	824,4682007	169487,0781	823,7931519	52980,0156
07-01-2021	11:04:58	222702,8281	824,4825439	170013,4688	823,8188477	52689,3594
07-01-2021	11:05:03	222031,3281	824,4825439	169193,7031	823,8188477	52837,625
07-01-2021	11:05:08	222478,8906	824,421875	169721,6406	823,8146973	52757,25
07-01-2021	11:05:13	222093,1875	824,4268799	169386,3281	823,8140869	52706,8594
07-01-2021	11:05:18	222237,1094	824,4542847	169577,9688	823,8140869	52659,1406
07-01-2021	11:05:23	222899,8281	824,4542847	169959	823,8218994	52940,8281
07-01-2021	11:05:28	222276,4688	824,4508057	169374,3594	823,8700562	52902,1094
07-01-2021	11:05:33	223427,7656	824,4522095	170819,2656	823,8369141	52608,5
07-01-2021	11:05:38	222755,0625	824,4522095	169907,3438	823,8369141	52847,7188
07-01-2021	11:05:43	222432,1719	824,4042969	169994,5313	823,880188	52437,6406
07-01-2021	11:05:48	223372,6406	824,444397	169798,4219	823,9020996	52574,2188
07-01-2021	11:05:53	223475,5938	824,4450073	170756,7188	823,894104	52718,875
07-01-2021	11:05:58	222612,75	824,4450073	169752,1719	823,894104	52860,5781
07-01-2021	11:06:03	222061,1563	824,5371704	169509,6563	823,9085693	52551,5
07-01-2021	11:06:08	222320,1406	824,46875	169429,0313	823,8327637	52891,1094
07-01-2021	11:06:13	223040,3125	824,46875	170099,8281	823,8327637	52940,4844
07-01-2021	11:06:18	222410,0313	824,4954224	169426,3125	823,8461914	52983,7188
07-01-2021	11:06:23	223331,1563	824,4575195	170319,8438	823,9336548	53011,3125
07-01-2021	11:06:28	222372,8594	824,4506836	169661,5938	823,8713379	52711,2656
07-01-2021	11:06:33	222900,4219	824,4506836	170092,8125	823,8713379	52807,6094
07-01-2021	11:06:38	222173,7344	824,4783325	169467,7031	823,8787231	52706,0313
07-01-2021	11:06:43	222554,7813	824,487915	169698,8594	823,9205933	52855,9219
07-01-2021	11:06:48	222194,9844	824,5721436	169451,9375	823,9534912	52743,0469
07-01-2021	11:06:53	222099,0156	824,5721436	169978,9844	823,9534912	52120,0313

07-01-2021	11:06:58	222273,5	824,4506836	169542,5625	823,9753418	52730,9375
07-01-2021	11:07:03	222081,5938	824,4528198	169446,7656	823,9751587	52634,8281
07-01-2021	11:07:08	223136,4063	824,4523926	170452,875	823,8840332	52683,5313
07-01-2021	11:07:13	222704,6406	824,4523926	169656,75	823,8840332	53047,8906
07-01-2021	11:07:18	222035,625	824,4365234	169305,3125	823,9640503	52730,3125
07-01-2021	11:07:23	222637,7031	824,5153809	169784,625	823,9628296	52853,0781
07-01-2021	11:07:28	222061,7344	824,4215698	169161,8594	823,9628296	52899,875
07-01-2021	11:07:33	222230,3594	824,4215698	169267,4531	823,9136353	52962,9063
07-01-2021	11:07:38	223147,0156	824,4085693	170324,9063	823,8969727	52822,1094
07-01-2021	11:07:43	222427,2969	824,4411011	169399,9063	823,9665527	53027,3906
07-01-2021	11:07:48	222035,2969	824,4411011	169304,0625	823,9665527	52731,2344
07-01-2021	11:07:53	221692,2813	824,4733887	169550,8281	823,9307861	52141,4531
07-01-2021	11:07:58	222605,7344	824,4595337	169787,125	823,9468994	52818,6094
07-01-2021	11:08:03	221934,5313	824,4651489	169164,3125	823,942627	52770,2188
07-01-2021	11:08:08	221885,4063	824,4651489	169069,3281	823,942627	52816,0781
07-01-2021	11:08:13	222989,125	824,4608154	169932,9531	823,9324951	53056,1719
07-01-2021	11:08:18	222179,5625	824,4440918	169443,4531	823,9844971	52736,1094
07-01-2021	11:08:23	222227,2969	824,4440918	169395,4844	823,9844971	52831,8125
07-01-2021	11:08:28	222893,1406	824,4655762	170116,8281	823,9707642	52776,3125
07-01-2021	11:08:33	222315,8281	824,4720459	169258,1875	823,9523926	53057,6406
07-01-2021	11:08:38	223334,1094	824,4295654	170503,3594	823,9550171	52830,75
07-01-2021	11:08:43	222805,4844	824,4295654	169784,7344	823,9550171	53020,75
07-01-2021	11:08:48	222270,5313	824,4594116	169439,0469	824,0061035	52831,4844
07-01-2021	11:08:53	222397,375	824,5232544	169490,875	823,9866333	52906,5
07-01-2021	11:08:58	222309,75	824,4923096	169536,5313	823,9977417	52773,2188
07-01-2021	11:09:03	222645,3125	824,4923096	170350,9844	823,9977417	52294,3281
07-01-2021	11:09:08	222576,25	824,3856201	169828,1719	823,9770508	52748,0781
07-01-2021	11:09:13	221870,8438	824,5114136	169113,3906	823,9577026	52757,4531
07-01-2021	11:09:18	222589,9531	824,4078979	169736,2344	823,9597168	52853,7188
07-01-2021	11:09:23	221897,9219	824,4078979	169065,125	823,9597168	52832,7969
07-01-2021	11:09:28	222183,2969	824,4187622	169251,0781	823,987915	52932,2188
07-01-2021	11:09:33	223219,5	824,4889526	170115,1875	823,979248	53104,3125
07-01-2021	11:09:38	222068,3594	824,4438477	169347,9219	823,979248	52720,4375
07-01-2021	11:09:43	222271,1406	824,4438477	169915,5156	824,015686	52355,625
07-01-2021	11:09:48	222644,5781	824,4830933	169727,3281	823,9945679	52917,25
07-01-2021	11:09:53	222069,5313	824,4597168	169293,3594	824,008667	52776,1719
07-01-2021	11:09:58	222507,25	824,4597168	169676,5469	824,008667	52830,7031
07-01-2021	11:10:03	222800,6406	824,4373779	169733,9375	823,961731	53066,7031
07-01-2021	11:10:08	221730,4688	824,4864502	168882,1719	823,9086304	52848,2969
07-01-2021	11:10:13	222929,1563	824,4884033	169936,2344	823,9631348	52992,9219
07-01-2021	11:10:18	221873,7656	824,4884033	169158,7031	823,9631348	52715,0625
07-01-2021	11:10:23	222794,2969	824,4525757	170011,0313	824,0130615	52783,2656
07-01-2021	11:10:28	222233,1563	824,3986206	169396,5781	823,9714966	52836,5781
07-01-2021	11:10:33	223288,3125	824,3986206	170594,2969	823,9714966	52694,0156
07-01-2021	11:10:38	222455,5938	824,4556274	169737,2344	823,9412842	52718,3594
07-01-2021	11:10:43	221975,2969	824,4595337	168975,2656	823,9185181	53000,0313
07-01-2021	11:10:48	222502,2656	824,4611206	169630,625	823,9954834	52871,6406
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07-01-2021	11:11:03	222646,2656	824,4588623	170599,875	823,9359741	52046,3906
07-01-2021	11:11:08	222658,5	824,4140015	169785,4219	823,9659424	52873,0781
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07-01-2021	11:11:18	222945,0938	824,4182129	170064,1094	823,9758911	52880,9844
07-01-2021	11:11:23	222408,1875	824,4542847	169486,8906	823,987793	52921,2969
07-01-2021	11:11:28	222168,9375	824,4229736	169343,1719	823,9838867	52825,7656
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07-01-2021	11:11:38	222490,5	824,5065308	169638,6719	823,9473267	52851,8281
07-01-2021	11:11:43	222018,2656	824,4754639	169008,4375	823,980835	53009,8281
07-01-2021	11:11:48	222977,125	824,4469604	170158,1719	823,980835	52818,9531
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07-01-2021	11:11:58	222452,2188	824,4673462	169590,5313	823,9407959	52861,6875
07-01-2021	11:12:03	222020,7813	824,4324951	169161,0469	823,9363403	52859,7344
07-01-2021	11:12:08	223179,4688	824,4324951	170358,75	823,9363403	52820,7188
07-01-2021	11:12:13	222363,6094	824,4298706	169395,4219	823,9622192	52968,1875
07-01-2021	11:12:18	222737,0781	824,4663696	169673,7188	823,9963989	53063,3594
07-01-2021	11:12:23	222449,1719	824,4033203	169338,3594	823,965332	53110,8125
07-01-2021	11:12:28	222897,5156	824,4033203	170206,9219	823,965332	52690,5938
07-01-2021	11:12:33	222215,4844	824,4428711	169341,7813	823,9794922	52873,7031
07-01-2021	11:12:38	223222,4531	824,4431763	170340,25	824,0171509	52882,2031
07-01-2021	11:12:43	222885,6406	824,4431763	169861,2031	824,0171509	53024,4375
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07-01-2021	11:12:53	223701,7344	824,432251	170693,5313	823,9279175	53008,2031
07-01-2021	11:12:58	222317,6094	824,4067993	169591,1719	823,930481	52726,4375
07-01-2021	11:13:03	221790,3906	824,4067993	169302,8906	823,930481	52487,5
07-01-2021	11:13:08	222303,125	824,4641724	169485,6875	823,9744873	52817,4375
07-01-2021	11:13:13	222403,4531	824,4470825	169392,6094	823,9607544	53010,8438
07-01-2021	11:13:18	222877,0313	824,4650269	169871,7031	823,9486084	53005,3281
07-01-2021	11:13:23	222397,3594	824,4650269	169489,4063	823,9486084	52907,9531
07-01-2021	11:13:28	222360,9219	824,4262085	169591,625	823,9164429	52769,2969
07-01-2021	11:13:33	222026,3594	824,421875	169205,0625	823,9363403	52821,2969
07-01-2021	11:13:38	222697,6719	824,4519043	169923,7188	823,9161377	52773,9531
07-01-2021	11:13:43	222210,3125	824,4519043	169161,1875	823,9161377	53049,125
07-01-2021	11:13:48	222595,0625	824,442688	169818,25	823,9844971	52776,8125
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07-01-2021	11:13:58	222324,875	824,4033813	169500,375	823,8971558	52824,5
07-01-2021	11:14:03	221887,5625	824,4033813	169553,8906	823,8693848	52333,6719
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07-01-2021	11:14:18	222783,7344	824,4581909	169936,3906	823,8731689	52847,3438
07-01-2021	11:14:23	222061,2656	824,4658813	169117,9219	823,8934326	52943,3438
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07-01-2021	11:14:38	222838,25	824,4335938	170038,1563	823,840332	52800,9375

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07-01-2021	11:14:53	222494,6875	824,468689	169467,8438	823,8168335	53026,8438
07-01-2021	11:14:58	222554,0625	824,4181519	169748,25	823,8522339	52805,8125
07-01-2021	11:15:03	222215,0781	824,4302979	169278,3906	823,8059082	52936,6875
07-01-2021	11:15:08	222977,6406	824,4468994	170224,4219	823,8669434	52753,2188
07-01-2021	11:15:13	222354,0781	824,4468994	169409,1719	823,8669434	52944,9063
07-01-2021	11:15:18	223034,6563	824,4133301	170174,4531	823,8734741	52860,2031
07-01-2021	11:15:23	222790	824,4309692	169646,8125	823,8765259	53143,1875
07-01-2021	11:15:28	222395,6719	824,4741211	169359,375	823,8637085	53036,2969
07-01-2021	11:15:33	222922,9688	824,4741211	169792,3125	823,8637085	53130,6563
07-01-2021	11:15:38	223016,5469	824,4790649	170168,875	823,9009399	52847,6719
07-01-2021	11:15:43	222728,4063	824,4815674	169743,5781	823,8717041	52984,8281
07-01-2021	11:15:48	222639,3125	824,4837036	170845,5	823,8676758	52793,8125
07-01-2021	11:15:53	222775,0781	824,4837036	169694,9375	823,8676758	53080,1406
07-01-2021	11:15:58	222264,1094	824,4226685	169451,8125	823,8894043	52812,2969
07-01-2021	11:16:03	222791,2813	824,4507446	169840,2813	823,8633423	52951
07-01-2021	11:16:08	221967,875	824,4507446	169409,125	823,8633423	52558,75
07-01-2021	11:16:13	222754,6406	824,3748169	169831,3125	823,904541	52923,3281
07-01-2021	11:16:18	222114,6563	824,4384766	169300,2813	823,9207764	52814,375
07-01-2021	11:16:23	222161,6875	824,4649658	169491,9219	823,8636475	52669,7656
07-01-2021	11:16:28	222394,7969	824,4649658	169599,1719	823,8636475	52795,625
07-01-2021	11:16:33	222273,3906	824,3746338	169271,9375	823,822876	53001,4531
07-01-2021	11:16:38	222683,0938	824,4581299	169934,9219	823,8616333	52748,1719
07-01-2021	11:16:43	222251,3906	824,4581299	169216,9844	823,8214111	53034,4063
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07-01-2021	11:16:53	222114,4844	824,4254761	169120,4375	823,8618164	52994,0469
07-01-2021	11:16:58	222538,2344	824,4542847	169933,7031	823,8677368	52604,5313
07-01-2021	11:17:03	221915,9531	824,4542847	169262,9531	823,8677368	52653
07-01-2021	11:17:08	222601,4688	824,40448	169463,5625	823,822937	53137,9063
07-01-2021	11:17:13	222895,7656	824,380188	170361	823,8834229	52534,7656
07-01-2021	11:17:18	222446,2188	824,4506836	169651,5625	823,8410034	52794,6563
07-01-2021	11:17:23	222013,8594	824,4506836	169172,4844	823,8410034	52841,375
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07-01-2021	11:17:38	222169,8594	824,3999634	169401,9375	823,8347168	52767,9219
07-01-2021	11:17:43	222122,125	824,3999634	169748	823,8347168	52374,125
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07-01-2021	11:17:53	223460,0781	824,4185181	170417,7344	823,8397217	53042,3438
07-01-2021	11:17:58	222501,5625	824,421875	169699	823,7891235	52802,5625
07-01-2021	11:18:03	222501,0781	824,421875	170187,5156	823,7891235	52313,5625
07-01-2021	11:18:08	222896,5156	824,3769531	169986,0625	823,8342285	52910,4531
07-01-2021	11:18:13	222321,3594	824,3740845	169510,1406	823,81427	52811,2188
07-01-2021	11:18:18	222368,9219	824,3740845	169414,2969	823,81427	52954,625
07-01-2021	11:18:23	223312,875	824,4309692	170595,7031	823,895752	52717,1719
07-01-2021	11:18:28	222778,8906	824,4552002	169883,6563	823,862793	52895,2344
07-01-2021	11:18:33	222587,1719	824,4423828	170219,0313	823,8256226	52368,1406
07-01-2021	11:18:38	222493,5469	824,4423828	169699,5313	823,8256226	52794,0156
07-01-2021	11:18:43	222155,1563	824,4530029	169993,2344	823,7946167	52161,9219
07-01-2021	11:18:48	222646,6094	824,4049072	169839,25	823,8456421	52807,3594
07-01-2021	11:18:53	222071,9063	824,4049072	169598,9063	823,8291626	52473
07-01-2021	11:18:58	222213,5625	824,4141846	169362,7031	823,8291626	52850,8594
07-01-2021	11:19:03	222028,4531	824,3876343	169205,4063	823,8968506	52823,0469
07-01-2021	11:19:08	222049,6094	824,4869385	169368,8281	823,7985229	52680,7813
07-01-2021	11:19:13	222672,5781	824,4869385	169895,875	823,7985229	52776,7031
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07-01-2021	11:19:23	222694,4219	824,399231	169754,3906	823,7797852	52940,0313
07-01-2021	11:19:28	221906,5469	824,4713135	169067,7969	823,8585205	52838,75
07-01-2021	11:19:33	222529,9688	824,4713135	169546,9063	823,8585205	52983,0625
07-01-2021	11:19:38	223015,2344	824,449585	170182,5625	823,7949219	52832,6719
07-01-2021	11:19:43	222444,3594	824,4321899	169456,2344	823,8331909	52988,125
07-01-2021	11:19:48	223167,6563	824,4173584	170222,7344	823,8372192	52944,9219
07-01-2021	11:19:53	222448,1406	824,4173584	169359,5469	823,8372192	53088,5938
07-01-2021	11:19:58	223414,8438	824,388916	170600,9063	823,8585205	52813,9375
07-01-2021	11:20:03	222836,375	824,399231	169833,9375	823,8607178	53002,4375
07-01-2021	11:20:08	222452,0313	824,3783569	169690,2188	823,8607178	52761,8125
07-01-2021	11:20:13	222745,3906	824,3783569	169650,7031	823,8189087	53094,6875
07-01-2021	11:20:18	223048,875	824,3150024	170276,2969	823,8052368	52772,5781
07-01-2021	11:20:23	222569,2031	824,4581909	169540,2344	823,8917847	53028,9688
07-01-2021	11:20:28	223057,8906	824,4581909	170401,8594	823,8917847	52656,0313
07-01-2021	11:20:33	222297,9688	824,4254761	169587,4063	823,8916626	52710,5625
07-01-2021	11:20:38	222545,3438	824,3972778	169739,6094	823,8496094	52805,7344
07-01-2021	11:20:43	222497,3438	824,4356689	169547,9375	823,8499146	52949,4063
07-01-2021	11:20:48	222535,2656	824,4356689	169739,5	823,8499146	52795,7656
07-01-2021	11:20:53	222112,5781	824,4022827	169249,3281	823,9051514	52863,25
07-01-2021	11:20:58	223251,2656	824,4472046	170451,3125	823,883667	52799,9531
07-01-2021	11:21:03	222628,0625	824,4472046	169493,125	823,883667	53134,9375
07-01-2021	11:21:08	222600,4219	824,3708496	169742,1563	823,836792	52858,2656
07-01-2021	11:21:13	222202,3906	824,4259644	170255,3594	823,9053345	51947,0313
07-01-2021	11:21:18	222886,5156	824,3722534	170118,5781	823,8707886	52767,9375
07-01-2021	11:21:23	222311,2344	824,3722534	169447,7656	823,8707886	52863,4688
07-01-2021	11:21:28	222536,1563	824,4283447	169681,2656	823,9012451	52854,8906
07-01-2021	11:21:33	222122,8281	824,3632813	169682,8594	823,8895264	52439,9688
07-01-2021	11:21:38	222211,9688	824,3889771	169447,0313	823,8712158	52764,9375
07-01-2021	11:21:43	222643,5938	824,3889771	169589,2188	823,8712158	53054,375
07-01-2021	11:21:48	222927,7188	824,4014282	170268,0938	823,8347168	52659,625
07-01-2021	11:21:53	222635,5938	824,4172974	169698,4531	823,8084106	52937,1406
07-01-2021	11:21:58	221916,6094	824,3461914	169074,7969	823,8951416	52841,8125
07-01-2021	11:22:03	222942,4375	824,3461914	169727,4063	823,8951416	53215,0313
07-01-2021	11:22:08	222170,2813	824,3651733	169163,2656	823,8416748	53007,0156
07-01-2021	11:22:13	222442,4063	824,4244995	169298,5	823,8837891	53143,9063
07-01-2021	11:22:18	222873,9844	824,3753662	169873,3906	823,8837891	53000,5938
07-01-2021	11:22:23	222502,875	824,3753662	169602,9219	823,7991943	52899,9531

07-01-2021	11:22:28	222633,875	824,4237061	169828,625	823,8684692	52805,25
07-01-2021	11:22:33	223017,1563	824,3746338	169888,9844	823,8063354	53128,1719
07-01-2021	11:22:38	222503,0156	824,3746338	169457,7969	823,8063354	53045,2188
07-01-2021	11:22:43	222749,4219	824,3485718	169586,5469	823,8806152	53162,875
07-01-2021	11:22:48	222936,7969	824,3602295	170212,125	823,8669434	52724,6719
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07-01-2021	11:22:58	223507,0469	824,3790283	170737,8594	823,8693848	52769,1875
07-01-2021	11:23:03	222779,6875	824,4085083	170152,2344	823,9227295	52627,4531
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07-01-2021	11:23:18	222256,7031	824,3932495	169354,2344	823,8406982	52902,4688
07-01-2021	11:23:23	222191,4063	824,4628906	169349,3281	823,8651733	52842,0781
07-01-2021	11:23:28	222982,7188	824,3677368	170073,4844	823,8377686	52909,2344
07-01-2021	11:23:33	222263,5156	824,3677368	169306,9375	823,8377686	52956,5781
07-01-2021	11:23:38	222641,3125	824,3919067	169878,0625	823,848877	52763,25
07-01-2021	11:23:43	222413,9063	824,3457031	169204,875	823,8614502	53209,0313
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07-01-2021	11:23:58	222200,6719	824,4204712	169215,375	823,80896	52985,2969
07-01-2021	11:24:03	222770,5938	824,4403687	169926,8438	823,8407593	52843,75
07-01-2021	11:24:08	221907,4063	824,3359375	169064,5156	823,8386841	52842,8906
07-01-2021	11:24:13	222318,8438	824,3359375	169352,3438	823,8386841	52966,5
07-01-2021	11:24:18	222827,1406	824,4072266	170122,4688	823,8252563	52704,6719
07-01-2021	11:24:23	222265,3906	824,3480225	169403,8438	823,8249512	52861,5469
07-01-2021	11:24:28	222649,3438	824,3410034	169835,0156	823,8249512	52814,3281
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07-01-2021	11:24:43	222733,9219	824,3932495	169687,0781	823,8457642	53046,8438
07-01-2021	11:24:48	222348,6406	824,3932495	169639,1719	823,8457642	52709,4688
07-01-2021	11:24:53	222206,375	824,3872681	169447,3906	823,8464355	52758,9844
07-01-2021	11:24:58	222984,5313	824,3498535	170274,1563	823,7851563	52710,375
07-01-2021	11:25:03	222648,3438	824,4042969	169747,1563	823,8422852	52901,1875
07-01-2021	11:25:08	221963,1406	824,4042969	169160,7656	823,8422852	52802,375
07-01-2021	11:25:13	222682,4063	824,3995972	169505,2188	823,7932129	53177,1875
07-01-2021	11:25:18	222639,5938	824,3765869	169977,0938	823,8254395	52662,5
07-01-2021	11:25:23	222543,4063	824,3765869	169640,9219	823,8254395	52902,4844
07-01-2021	11:25:28	222024,4844	824,3447876	169107,1563	823,8596191	52917,3281
07-01-2021	11:25:33	222693,8906	824,3474731	169880,6094	823,8247681	52813,2813
07-01-2021	11:25:38	222055,6563	824,4046021	169063,9688	823,8356323	52991,6875
07-01-2021	11:25:43	222343,7813	824,4046021	169447,25	823,8356323	52896,5313
07-01-2021	11:25:48	223116,2344	824,3833618	170361,9375	823,8135986	52754,2969
07-01-2021	11:25:53	222596,6563	824,3526611	169633,9688	823,8599854	52962,6875
07-01-2021	11:25:58	222210,7188	824,3633423	169442,3906	823,8156128	52768,3281
07-01-2021	11:26:03	222066,8281	824,3633423	169211	823,8156128	52855,8281
07-01-2021	11:26:08	222784,375	824,3690186	169925,5313	823,8358765	52858,8438
07-01-2021	11:26:13	221919,2813	824,3759766	168975,7031	823,7941895	52943,5781
07-01-2021	11:26:18	222925,0938	824,3994141	170172,7188	823,836731	52752,375
07-01-2021	11:26:23	222391,2813	824,3994141	169444,7656	823,836731	52946,5156
07-01-2021	11:26:28	222264,8594	824,3366699	169550,5313	823,7874146	52714,3281
07-01-2021	11:26:33	222251,625	824,3862915	169314,375	823,7699585	52937,25
07-01-2021	11:26:38	223641,9375	824,3836667	170751,7344	823,7699585	52890,2031
07-01-2021	11:26:43	222635,6563	824,3836667	169760,4531	823,696228	52875,2031
07-01-2021	11:26:48	222258,0781	824,3625488	169266,5469	823,7699585	52991,5313
07-01-2021	11:26:53	222694,4375	824,3428345	169886,9063	823,7822266	52807,5313
07-01-2021	11:26:58	222070,2344	824,3428345	169216,1406	823,7822266	52854,0938
07-01-2021	11:27:03	222401,4844	824,3591919	169601,9375	823,7695923	52799,5469
07-01-2021	11:27:08	222653	824,3151855	169737,25	823,8117065	52915,75
07-01-2021	11:27:13	222365,1875	824,4352417	169545,5781	823,7948608	52819,6094
07-01-2021	11:27:18	223004,6875	824,4352417	170315,5469	823,7948608	52689,1406
07-01-2021	11:27:23	222394,4375	824,3849487	169501,8281	823,7910767	52892,6094
07-01-2021	11:27:28	222200,0469	824,3961792	169449,5469	823,8093262	52750,5
07-01-2021	11:27:33	222200,0469	824,3961792	169257,9219	823,8093262	52942,125
07-01-2021	11:27:38	222916,9219	824,4006348	170114,1406	823,8396606	52802,7813
07-01-2021	11:27:43	222482,8906	824,4059448	169359,5938	823,7761841	53123,2969
07-01-2021	11:27:48	222919,2813	824,3876343	170172,3281	823,78479	52746,9531
07-01-2021	11:27:53	222343,9063	824,3876343	169405,75	823,78479	52938,1563
07-01-2021	11:27:58	223221,0469	824,3309326	170452,4063	823,8254395	52768,6406
07-01-2021	11:28:03	222679,9063	824,3822021	169500,2188	823,7877197	53179,6875
07-01-2021	11:28:08	222245,1875	824,3953247	169691,8438	823,8327026	52553,3438
07-01-2021	11:28:13	222342,1563	824,3953247	169203,7344	823,8327026	53138,4219
07-01-2021	11:28:18	223298,7813	824,4039917	170303,4219	823,843689	52995,3594
07-01-2021	11:28:23	222729,2656	824,3815918	169489,3906	823,8417358	53239,875
07-01-2021	11:28:28	222585,5	824,3561401	169969,25	823,7797852	52616,25
07-01-2021	11:28:33	222111,5156	824,3561401	169358,0313	823,7797852	52753,4844
07-01-2021	11:28:38	222784,0469	824,3513794	170068,5156	823,8203735	52715,5313
07-01-2021	11:28:43	222147,6563	824,3997803	169155,6406	823,8337402	52992,0156
07-01-2021	11:28:48	222724,4688	824,3728638	169826,2969	823,8337402	52898,1719
07-01-2021	11:28:53	222108,25	824,3728638	169118,4531	823,7799683	52989,7969
07-01-2021	11:28:58	222248,8594	824,3851929	169162,75	823,7982178	53086,1094
07-01-2021	11:29:03	223208,0156	824,4308472	170116,5781	823,8197632	53091,4375
07-01-2021	11:29:08	222332,7656	824,4308472	169397,1875	823,8197632	52935,5781
07-01-2021	11:29:13	223300,4375	824,3973389	170257,6094	823,8258667	53042,8281
07-01-2021	11:29:18	222524,9844	824,4217529	169787,2969	823,7822876	52737,6875
07-01-2021	11:29:23	222620,9844	824,4217529	170122,625	823,8125	52498,3594
07-01-2021	11:29:28	222142,9844	824,4193726	169302,1094	823,8125	52840,875
07-01-2021	11:29:33	222585,3281	824,37854	169452,8281	823,7775269	53132,5
07-01-2021	11:29:38	222832,7969	824,34552	170120,7656	823,7917448	52712,0313
07-01-2021	11:29:43	222448,875	824,34552	169497,875	823,7917448	52951
07-01-2021	11:29:48	222542,3438	824,3556519	169745,5781	823,7474365	52796,7656
07-01-2021	11:29:53	222066,1875	824,3430786	169451,3438	823,7810669	52614,8438
07-01-2021	11:29:58	222645,8594	824,3256226	170072,3906	823,7902832	52573,4688
07-01-2021	11:30:03	222262,3438	824,3256226	169305,7969	823,7902832	52956,5469

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	222.416	824	171.871	824	50.545
Desv Est	440	0	423	0	197
% Desv Est	0,20%	0,01%	0,25%	0,01%	0,39%
Datos	361	361	361	361	361

FLUJO_ENTRADA_TG1 Time	Sistema de Combustible	FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
07-01-2021	11:45:03	22143,8125	824,288269	171314,5781	823,7455444	50829,23438
07-01-2021	11:45:08	222954,875	824,3042603	172464,4063	823,7441406	50490,46875
07-01-2021	11:45:13	222379,3438	824,3042603	171937,6563	823,7441406	50441,6875
07-01-2021	11:45:18	221748,2031	824,3348999	171359,4531	823,760498	50388,75
07-01-2021	11:45:23	222659,7344	824,3338623	172220,9531	823,7647095	50438,78125
07-01-2021	11:45:28	222755,0781	824,284729	172220,1875	823,7479858	50534,89063
07-01-2021	11:45:33	221905,0938	824,284729	171409,1563	823,7479858	50495,9375
07-01-2021	11:45:38	222145,7188	824,2822876	171591,8281	823,7922363	50553,89063
07-01-2021	11:45:43	221850,5781	824,3110352	171164,5938	823,7728882	50685,98438
07-01-2021	11:45:48	222569,7813	824,3179932	172122,7656	823,7728882	50447,01563
07-01-2021	11:45:53	222376,7813	824,3179932	171891,2969	823,7329102	50485,48438
07-01-2021	11:45:58	221848,4219	824,3230591	171598,1875	823,7606201	50250,23438
07-01-2021	11:46:03	221899,5625	824,3103638	171355,3125	823,7730713	50544,25
07-01-2021	11:46:08	222043,2344	824,3103638	171546,2969	823,7730713	50496,9375
07-01-2021	11:46:13	223064,4375	824,2536621	172894,5469	823,7391968	50169,89063
07-01-2021	11:46:18	222439,2656	824,2584229	171929,8438	823,7751465	50509,42188
07-01-2021	11:46:23	222199,875	824,2584229	171402,875	823,7396851	50797
07-01-2021	11:46:28	222439,9844	824,2578125	172079,9844	823,7396851	50360
07-01-2021	11:46:33	222135,2656	824,3185425	171596,3906	823,7619629	50538,875
07-01-2021	11:46:38	222763,5625	824,2977905	172272	823,737854	50491,5625
07-01-2021	11:46:43	222284,6406	824,2977905	171744,2969	823,737854	50540,34375
07-01-2021	11:46:48	222812,2188	824,2952271	172413,3594	823,7457275	50398,85938
07-01-2021	11:46:53	222339,5	824,2697144	171690,2969	823,7601929	50649,20313
07-01-2021	11:46:58	222569,6875	824,3023071	172215,4844	823,7687988	50354,20313
07-01-2021	11:47:03	222568,6094	824,3023071	171975,9063	823,7687988	50592,70313
07-01-2021	11:47:08	221724,4844	824,2312012	171207,2188	823,779541	50517,26563
07-01-2021	11:47:13	222050,9375	824,2633057	171405,875	823,7488403	50645,0625
07-01-2021	11:47:18	222729,375	824,2365723	172075,7813	823,7642822	50653,59375
07-01-2021	11:47:23	222057,9844	824,2365723	171354,0781	823,7642822	50703,90625
07-01-2021	11:47:28	222770,8438	824,2525024	172172,0781	823,7468262	50598,76563
07-01-2021	11:47:33	222189,3125	824,2788696	171643,8281	823,7530518	50545,48438
07-01-2021	11:47:38	223723,8125	824,3313599	172745,6406	823,7458496	50978,17188
07-01-2021	11:47:43	222606,8594	824,3313599	172076,3594	823,7458496	50530,5
07-01-2021	11:47:48	221852,4063	824,2841187	171549,4688	823,7416992	50302,9375
07-01-2021	11:47:53	222006,3438	824,2453613	171507,1875	823,7180786	50499,15625
07-01-2021	11:47:58	222533,8594	824,2753296	172129,9688	823,7180786	50403,89063
07-01-2021	11:48:03	222382,1719	824,2753296	171739,875	823,7515259	50642,29688
07-01-2021	11:48:08	222171,1719	824,3526001	171702,7188	823,6986694	50468,45313
07-01-2021	11:48:13	221931,3281	824,2937622	171318,7031	823,6975708	50612,625
07-01-2021	11:48:18	222522,0938	824,2937622	171701,4531	823,6975708	50820,64063
07-01-2021	11:48:23	222135,3125	824,3068237	171455,7031	823,7279053	50679,60938
07-01-2021	11:48:28	222821,0781	824,2459717	172229,3438	823,692749	50591,73438
07-01-2021	11:48:33	222388,1094	824,2459717	171797,4531	823,7327271	50590,65625
07-01-2021	11:48:38	222227,6094	824,3092651	171741,4531	823,7327271	50486,15625
07-01-2021	11:48:43	222136,5	824,2912598	171591,7344	823,7623291	50544,76563
07-01-2021	11:48:48	222152,2969	824,223877	171515	823,6644897	50637,29688
07-01-2021	11:48:53	223494,625	824,223877	172760,625	823,6644897	50734
07-01-2021	11:48:58	222484	824,2334595	171947,5469	823,6575317	50536,45313
07-01-2021	11:49:03	221869,3906	824,1971436	171477,7969	823,6113281	50391,59375
07-01-2021	11:49:08	222416,5156	824,3046875	171560,2188	823,6775513	50856,29688
07-01-2021	11:49:13	222608,375	824,3046875	172135,0781	823,6775513	50473,29688
07-01-2021	11:49:18	222135,0469	824,2857056	171604,2656	823,692627	50530,78125
07-01-2021	11:49:23	222732,9063	824,1997681	171923,4531	823,7721558	50809,45313
07-01-2021	11:49:28	222102,7031	824,2268066	172078,4375	823,7167358	50024,26563
07-01-2021	11:49:33	223301,1094	824,2268066	172317,9375	823,7167358	50983,17188
07-01-2021	11:49:38	222142,6406	824,2593994	171506,5313	823,7020874	50636,10938
07-01-2021	11:49:43	222185,875	824,2772827	172076,875	823,7208252	50109
07-01-2021	11:49:48	221898,2969	824,2657471	171454,0781	823,7839966	50444,21875
07-01-2021	11:49:53	222524,4844	824,2657471	172111,9063	823,7839966	50412,57813
07-01-2021	11:49:58	222146,4844	824,2452393	171554,625	823,6975098	50591,85938
07-01-2021	11:50:03	223141,5	824,2900391	172607,5469	823,7026367	50533,95313
07-01-2021	11:50:08	222086,5156	824,2900391	171457,0156	823,7026367	50629,5
07-01-2021	11:50:13	222093,5313	824,2644653	171694,9531	823,7106323	50398,57813
07-01-2021	11:50:18	222565,25	824,2938232	172129,0625	823,696106	50436,1875
07-01-2021	11:50:23	222756,9375	824,2578735	172032,4219	823,7497559	50724,51563
07-01-2021	11:50:28	221759,5469	824,2578735	171350,875	823,7497559	50408,67188
07-01-2021	11:50:33	222274,2813	824,3058472	171743	823,7058105	50531,28125
07-01-2021	11:50:38	222046,2188	824,2619629	171702,1094	823,6714478	50344,10938
07-01-2021	11:50:43	222142,125	824,2619629	171654,1563	823,6533203	50487,96875
07-01-2021	11:50:48	222710,9063	824,2908325	171994,0156	823,6533203	50716,89063
07-01-2021	11:50:53	222144,0313	824,2545776	171362,5938	823,6958618	50781,4375
07-01-2021	11:50:58	222393,0156	824,2185059	171790,6406	823,7075195	50602,375
07-01-2021	11:51:03	221865,6406	824,2185059	171310,6875	823,7075195	50554,95313
07-01-2021	11:51:08	222098,0938	824,2473755	171402,75	823,7263794	50695,34375
07-01-2021	11:51:13	223489,2969	824,2438354	172897,4688	823,6790161	50591,82813
07-01-2021	11:51:18	222851,1563	824,2994385	172232,2969	823,6517944	50618,85938
07-01-2021	11:51:23	222228,0625	824,2994385	171705,25	823,6517944	50522,8125
07-01-2021	11:51:28	222867,1094	824,2393188	172225,2188	823,6865845	50641,89063
07-01-2021	11:51:33	222184,8594	824,2810669	171599,4844	823,7007446	50585,375
07-01-2021	11:51:38	223287,5938	824,2334595	172651,9844	823,6515503	50635,60938
07-01-2021	11:51:43	222436,7031	824,2334595	171799,6875	823,6515503	50637,01563
07-01-2021	11:51:48	221710,3594	824,2542725	171176,8438	823,6514893	50533,51563
07-01-2021	11:51:53	223062,8594	824,2160645	172417,2969	823,677124	50645,5625
07-01-2021	11:51:58	222103,8906	824,2736816	171602,8281	823,677124	50501,0625

07-01-2021	11:52:03	223239,5781	824,2736816	172750,625	823,6871948	50488,95313
07-01-2021	11:52:08	222629,9844	824,217041	172030,0781	823,6964722	50599,90625
07-01-2021	11:52:13	221942,8438	824,2791138	171412,7813	823,6691895	50530,0625
07-01-2021	11:52:18	222709,75	824,2791138	172178,5	823,6691895	50531,25
07-01-2021	11:52:23	221990,5625	824,2793579	171313,5938	823,6861572	50676,96875
07-01-2021	11:52:28	222669,5156	824,2497559	172046,9219	823,6136475	50622,59375
07-01-2021	11:52:33	222381,9063	824,213623	171424,0156	823,6657715	50957,89063
07-01-2021	11:52:38	222295,8281	824,213623	171556,4531	823,6657715	50739,375
07-01-2021	11:52:43	222818,9844	824,2335815	172287,9531	823,602478	50531,03125
07-01-2021	11:52:48	222055,5625	824,2191772	171507,5938	823,6704712	50547,96875
07-01-2021	11:52:53	222486,9531	824,2191772	171890,0313	823,6610107	50596,92188
07-01-2021	11:52:58	222881	824,1800537	172610,5781	823,6610107	50270,42188
07-01-2021	11:53:03	222722,8594	824,2332764	172136,0781	823,6386108	50586,78125
07-01-2021	11:53:08	221813,6719	824,2266235	171272,8594	823,6426392	50540,8125
07-01-2021	11:53:13	22196,3281	824,2266235	171609,0156	823,6426392	50587,3125
07-01-2021	11:53:18	222766,2188	824,2428589	172329,6563	823,6291504	50436,5625
07-01-2021	11:53:23	222292,9844	824,2195435	171655,7031	823,6408081	50637,28125
07-01-2021	11:53:28	223082,0781	824,3179321	172422,25	823,6737671	50659,82813
07-01-2021	11:53:33	222745,2656	824,3179321	172128,1094	823,6737671	50617,15625
07-01-2021	11:53:38	221770,0938	824,1983643	171371,0313	823,6271362	50399,0625
07-01-2021	11:53:43	222677,0781	824,2131958	172136,1563	823,6308594	50540,92188
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07-01-2021	12:07:58	222762,5156	824,1498413	172329,4063	823,5133057	50433,10938
07-01-2021	12:08:03	222426,8594	824,1498413	171562,0313	823,5133057	50864,82813
07-01-2021	12:08:08	222522,6563	824,1546631	172095,3906	823,4824219	50427,26563
07-01-2021	12:08:13	222136,4844	824,1653442	171469,3438	823,4981079	50667,14063
07-01-2021	12:08:18	223104,9063	824,1300049	172525,6094	823,4872437	50579,29688
07-01-2021	12:08:23	222481,5469	824,1300049	171567,3281	823,4872437	50914,21875
07-01-2021	12:08:28	222957,75	824,1430664	172201,5	823,4318848	50756,25
07-01-2021	12:08:33	222520,1094	824,1696167	171709,625	823,4945068	50810,48438
07-01-2021	12:08:38	222906,9688	824,1571045	172187,9844	823,4903564	50718,98438
07-01-2021	12:08:43	222475,5469	824,1571045	171709,6719	823,4903564	50765,875
07-01-2021	12:08:48	222856,0469	824,1691284	172107,2969	823,4200439	50748,75
07-01-2021	12:08:53	222034,125	824,1949463	171367,625	823,5234985	50666,5
07-01-2021	12:08:58	222705,0781	824,1585083	172134,1563	823,5234985	50570,92188
07-01-2021	12:09:03	221899,6406	824,1585083	171276,6875	823,4990845	50622,95313
07-01-2021	12:09:08	222765,0625	824,1486206	172332,9531	823,4806519	50432,10938
07-01-2021	12:09:13	222354,5625	824,2508545	171703,3281	823,5179443	50651,23438
07-01-2021	12:09:18	222689,5469	824,2508545	171990,7656	823,5179443	50698,78125
07-01-2021	12:09:23	222232,2813	824,1674194	171434,5938	823,425354	50797,6875
07-01-2021	12:09:28	223052,5469	824,1462402	172582,8438	823,4337769	50469,70313
07-01-2021	12:09:33	222573,125	824,1462402	171754,2813	823,5029297	50818,84375
07-01-2021	12:09:38	223096,6875	824,1616211	172568,75	823,5029297	50527,9375
07-01-2021	12:09:43	222675,9531	824,1201172	172000,2656	823,4711914	50675,6875
07-01-2021	12:09:48	222099,4531	824,1253662	171521,3438	823,4627686	50578,10938
07-01-2021	12:09:53	223010,0625	824,1253662	172239,9531	823,4909058	50770,10938
07-01-2021	12:09:58	221756,7656	824,1494141	171516,3906	823,4909058	50240,375
07-01-2021	12:10:03	222951,625	824,1647339	172299,4688	823,4096069	50652,15625
07-01-2021	12:10:08	222277,2188	824,1762695	171719,3906	823,4347534	50557,82813
07-01-2021	12:10:13	222661,4688	824,1762695	172916,5469	823,4347534	49744,92188
07-01-2021	12:10:18	222861,3594	824,1428223	172326,0938	823,5105591	50535,26563
07-01-2021	12:10:23	222131,8281	824,182373	171603,125	823,5283813	50528,70313
07-01-2021	12:10:28	221795,1094	824,1877441	171514,5313	823,4926758	50280,57813
07-01-2021	12:10:33	222226,1563	824,1877441	171803,4688	823,4926758	50422,6875
07-01-2021	12:10:38	221791,7813	824,1972046	171332,625	823,4517212	50459,15625
07-01-2021	12:10:43	222799,3594	824,1925659	171856,0469	823,4697266	50943,3125
07-01-2021	12:10:48	221993,3125	824,1556396	171280,3594	823,4325562	50712,95313
07-01-2021	12:10:53	222904,0469	824,1556396	171958,7031	823,4325562	50945,34375
07-01-2021	12:10:58	222076,3438	824,2090454	171521,2344	823,4633789	50555,10938
07-01-2021	12:11:03	223328,5938	824,1870728	172762,4375	823,4816284	50566,15625
07-01-2021	12:11:08	222657,3438	824,1774292	172043,7656	823,4816284	50613,57813
07-01-2021	12:11:13	221941,7188	824,1774292	171997,0938	823,475708	49944,625
07-01-2021	12:11:18	222314,0781	824,2218628	171908,5313	823,4361572	50405,54688
07-01-2021	12:11:23	222026,7969	824,1907959	171435	823,4085083	50591,79688
07-01-2021	12:11:28	222178,9688	824,1907959	171674,5469	823,4085083	50504,42188
07-01-2021	12:11:33	223330,125	824,1889038	172632,0469	823,4125366	50698,07813
07-01-2021	12:11:38	222420,7813	824,1813354	171955,375	823,4411621	50465,40625
07-01-2021	12:11:43	222085,9531	824,1813354	172530,3594	823,4507446	49555,59375
07-01-2021	12:11:48	222457,8125	824,2214355	172097,1563	823,4507446	50360,65625
07-01-2021	12:11:53	222131,8906	824,1852417	171722,0313	823,4104614	50409,85938
07-01-2021	12:11:58	222238,1406	824,1474609	171763,9531	823,4325562	50474,1875
07-01-2021	12:12:03	222094,4844	824,1474609	171907,7188	823,4325562	50186,76563
07-01-2021	12:12:08	222470,25	824,1842651	171964,625	823,3919678	50505,625
07-01-2021	12:12:13	222095,1406	824,1561279	172729,1406	823,3986816	49366
07-01-2021	12:12:18	222839,8594	824,2359619	172057,2031	823,4040527	50782,65625
07-01-2021	12:12:23	222120,6094	824,2359619	171530,1406	823,4040527	50590,46875
07-01-2021	12:12:28	222517,0313	824,1923218	172099,9844	823,4293823	50417,04688
07-01-2021	12:12:33	221888,5	824,2120361	171338,7656	823,4028931	50549,73438
07-01-2021	12:12:38	223123,4531	824,2553101	172200,6406	823,4059448	50922,8125
07-01-2021	12:12:43	222164,4063	824,2553101	171529,0156	823,4059448	50635,39063
07-01-2021	12:12:48	223039,0938	824,2164307	172452,1094	823,3436279	50586,98438
07-01-2021	12:12:53	222450,7188	824,272583	171865,875	823,3989868	50584,84375
07-01-2021	12:12:58	222364,5938	824,2376099	171721,3438	823,3863525	50643,25
07-01-2021	12:13:03	222843,75	824,2376099	172059,2813	823,3863525	50784,46875
07-01-2021	12:13:08	221741,1406	824,2446289	171234,375	823,437439	50506,76563
07-01-2021	12:13:13	222860,5625	824,1799316	172106,9219	823,3876953	50753,64063
07-01-2021	12:13:18	221949,7344	824,286438	171292,3906	823,3876953	50657,34375
07-01-2021	12:13:23	223024,5313	824,286438	172445,4375	823,3765869	50579,09375
07-01-2021	12:13:28	222327,6563	824,201355	171729,6719	823,3619385	50597,98438
07-01-2021	12:13:33	222232,1094	824,2166748	172153,0781	823,3963623	50079,03125
07-01-2021	12:13:38	222275,7031	824,2166748	171817,6875	823,3963623	50458,01563
07-01-2021	12:13:43	222182,0625	824,2094116	172146,0625	823,4310303	50036
07-01-2021	12:13:48	222559,8281	824,2310181	171823,4375	823,3682251	50736,39063
07-01-2021	12:13:53	222368,5156	824,2310181	172158,8281	823,4094849	50209,6875
07-01-2021	12:13:58	222372,7188	824,2136841	171910,8594	823,4094849	50461,85938
07-01-2021	12:14:03	222319,375	824,236084	171771,5625	823,3917847	50547,8125
07-01-2021	12:14:08	223239,6719	824,1965332	172631,4063	823,4043579	50608,26563
07-01-2021	12:14:13	222616,1094	824,1965332	171960,6094	823,4043579	50655,5
07-01-2021	12:14:18	223287,9531	824,19104	172784,4063	823,3591309	50503,54688
07-01-2021	12:14:23	222892,1563	824,2355957	172105,5156	823,3986816	50786,64063
07-01-2021	12:14:28	222235,5156	824,1810303	171530,5313	823,4152222	50704,98438
07-01-2021	12:14:33	223146,4375	824,1810303	172293,0313	823,4152222	50853,40625
07-01-2021	12:14:38	222239,0156	824,1682129	171868,4063	823,3823853	50370,60938
07-01-2021	12:14:43	223280,7188	824,2176514	172624,625	823,4338989	50656,09375
07-01-2021	12:14:48	222134,875	824,1984253	171570,5469	823,4313354	50564,32813
07-01-2021	12:14:53	223093,8594	824,1984253	172673,0313	823,4313354	50420,82813
07-01-2021	12:14:58	222370,8906	824,2088623	171850,7344	823,4735718	50520,15625
07-01-2021	12:15:03	222231,125	824,1938477	172527,5781	823,4437866	49703,54688

	FLUJO_ENTRADA TG1 ValueY [l/h]	DENSIDAD_ENTRA DA_TG1 ValueY [m3/kg]	FLUJO_RETORNO TG1 ValueY [l/h]	DENSIDAD_RETOR NO_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	222.552	824	174.288	824	48.264
Desv Est	406	0	401	0	210
% Desv Est	0,18%	0,01%	0,23%	0,01%	0,43%
Datos	361	361	361	361	361

Tiempo [h:mm:ss]		0:30:00				
FLUJO_ENTRADA_TG1 Time	Sistema de Combustible	FLUJO_ENTRADA_T	DENSIDAD_ENTRA	FLUJO_RETORNO_T	DENSIDAD_RETOR	Consumo [l/h]
07-01-2021	12:30:03	222543,5625	824,3106689	174438,3125	823,5581055	48105,25
07-01-2021	12:30:08	221984,1406	824,2506104	173872,9688	823,5112915	48111,17188
07-01-2021	12:30:13	222415,8594	824,3009033	174103,6875	823,5546265	48312,17188
07-01-2021	12:30:18	222880,9375	824,3009033	174582,8125	823,5546265	48298,125
07-01-2021	12:30:23	222657,1875	824,2399292	174115,0469	823,5031128	48542,14063
07-01-2021	12:30:28	222751,2656	824,2443848	174397,4375	823,527771	48353,82813
07-01-2021	12:30:33	222607,4531	824,2443848	174110,0156	823,5450439	48497,4375
07-01-2021	12:30:38	223513,2813	824,2666016	175304,1719	823,5450439	48209,10938
07-01-2021	12:30:43	222564,2969	824,2279053	174147,8906	823,5802002	48416,40625
07-01-2021	12:30:48	222035,1406	824,2362061	173830,0938	823,494751	48205,04688
07-01-2021	12:30:53	223234,4688	824,2362061	174740,4219	823,494751	48494,04688
07-01-2021	12:30:58	222316,1406	824,2647095	174102,7188	823,5667725	48213,42188
07-01-2021	12:31:03	222400,4688	824,3083496	174785,875	823,5066528	47614,59375
07-01-2021	12:31:08	222305,6875	824,3028564	174013,3281	823,5316162	48292,35938
07-01-2021	12:31:13	221922,625	824,3028564	173630,8125	823,5316162	48291,8125
07-01-2021	12:31:18	222743,5	824,2805786	174543,0938	823,5223389	48200,40625
07-01-2021	12:31:23	222844,4844	824,2595825	174386,2813	823,5858154	48458,20313
07-01-2021	12:31:28	222014,3906	824,3173218	173667,625	823,6065674	48346,76563
07-01-2021	12:31:33	222877,5313	824,3173218	174477,8125	823,6065674	48399,71875
07-01-2021	12:31:38	222216,1875	824,2809448	173720,5	823,5578613	48495,6875
07-01-2021	12:31:43	223378,4844	824,2367554	175004,875	823,5987549	48373,60938
07-01-2021	12:31:48	222707,4219	824,3110962	174382,0938	823,5370483	48325,32813
07-01-2021	12:31:53	222831,6875	824,3110962	174970,5469	823,5370483	47861,14063
07-01-2021	12:31:58	222369,5156	824,2440796	174100,8125	823,5687866	48268,70313
07-01-2021	12:32:03	222310,875	824,2871704	174253,7188	823,524353	48057,15625
07-01-2021	12:32:08	222262,5938	824,2134399	174014,875	823,524353	48247,71875
07-01-2021	12:32:13	223192,9531	824,2134399	174777,8281	823,5383301	48415,125
07-01-2021	12:32:18	221983,9375	824,248291	173813,3438	823,5688477	48170,59375
07-01-2021	12:32:23	222462,4688	824,2800293	174251,8125	823,5371094	48210,65625
07-01-2021	12:32:28	222358,0469	824,2800293	174299,7656	823,5371094	48058,28125
07-01-2021	12:32:33	222301,0625	824,3137817	174141,2813	823,6086426	48159,78125
07-01-2021	12:32:38	222310,0938	824,281189	173967,1094	823,5238037	48342,98438
07-01-2021	12:32:43	222501,5156	824,281189	174158,7813	823,5248413	48342,73438
07-01-2021	12:32:48	222554,2969	824,2609863	174110,5938	823,5248413	48443,70313
07-01-2021	12:32:53	222733,1563	824,3096924	174105,5313	823,5494995	48627,625
07-01-2021	12:32:58	222512,6563	824,2376709	174198,3125	823,5682373	48314,34375
07-01-2021	12:33:03	222752,2188	824,2376709	174725,3281	823,5682373	48026,89063
07-01-2021	12:33:08	222440,1406	824,3337402	174256,9063	823,5165405	48183,23438
07-01-2021	12:33:13	222505,4844	824,2716064	174911,6563	823,5938721	47593,82813
07-01-2021	12:33:18	222789,0625	824,2895508	174587,5469	823,5431519	48201,51563
07-01-2021	12:33:23	222165,9219	824,2895508	173677,2031	823,5431519	48488,71875
07-01-2021	12:33:28	223042,0156	824,2396851	174687,0313	823,5217285	48354,98438
07-01-2021	12:33:33	222557,0625	824,2608032	173968,8281	823,5194092	48588,23438
07-01-2021	12:33:38	222647,75	824,276123	174400,0625	823,552124	48247,6875
07-01-2021	12:33:43	222695,8594	824,276123	173866,25	823,552124	48829,60938
07-01-2021	12:33:48	223178,2813	824,2645874	174918,8125	823,5629883	48259,46875
07-01-2021	12:33:53	222594,4375	824,2965698	174254,4531	823,5397339	48339,98438
07-01-2021	12:33:58	222546,7969	824,2741089	174398,1406	823,5321045	48148,65625
07-01-2021	12:34:03	222696,4844	824,2741089	174351,0625	823,5321045	48345,42188
07-01-2021	12:34:08	221937,7813	824,2423096	173825,8281	823,5234375	48111,95313
07-01-2021	12:34:13	222074,4219	824,2692261	173761,0156	823,6016846	48313,40625
07-01-2021	12:34:18	223320,9219	824,2692261	174958,7344	823,6016846	48362,1875
07-01-2021	12:34:23	222603,6406	824,262207	174149,375	823,5768433	48454,26563
07-01-2021	12:34:28	222609,7188	824,2396224	174105,25	823,5587158	48504,46875
07-01-2021	12:34:33	222369,2344	824,2527466	174098,8125	823,5897827	48270,42188
07-01-2021	12:34:38	223036,5313	824,2527466	174625,8281	823,5897827	48410,70313
07-01-2021	12:34:43	222462,2969	824,2487793	173964,5938	823,5437012	48497,70313
07-01-2021	12:34:48	223425,5781	824,2329102	175253,1406	823,5644531	48172,4375
07-01-2021	12:34:53	222754,2188	824,2329102	174438,6719	823,5083008	48315,54688
07-01-2021	12:34:58	222608,2031	824,2420044	174354,4688	823,5083008	48253,73438
07-01-2021	12:35:03	222703,9219	824,2424927	174282,8594	823,6190796	48421,0625
07-01-2021	12:35:08	222785,3594	824,2973022	174598,5469	823,4863281	48186,8125
07-01-2021	12:35:13	222209,5625	824,2973022	174022,7813	823,4863281	48186,78125
07-01-2021	12:35:18	222748,6406	824,2571411	174642,4375	823,5021973	48106,20313
07-01-2021	12:35:23	222743,6563	824,2746582	174487,9063	823,5541992	48255,75
07-01-2021	12:35:28	222461,6563	824,256897	174214,2813	823,4866943	48247,375
07-01-2021	12:35:33	223276,6094	824,256897	174837,2031	823,4866943	48439,40625
07-01-2021	12:35:38	222311,7344	824,2747803	174107,5781	823,5396118	48204,15625
07-01-2021	12:35:43	223124,2656	824,2836914	174944,2031	823,4330444	48180,0625
07-01-2021	12:35:48	222504,8594	824,2684326	174129,5469	823,4910278	48375,3125
07-01-2021	12:35:53	222025,9219	824,2684326	173973,9063	823,4910278	48052,01563
07-01-2021	12:35:58	222935,4219	824,2744751	174075,1563	823,4645386	48860,26563
07-01-2021	12:36:03	223424,7188	824,2363281	175217,6406	823,4972534	48207,07813
07-01-2021	12:36:08	222657,3438	824,2855225	174306,5	823,4972534	48350,84375
07-01-2021	12:36:13	222309,1094	824,2855225	174449,2969	823,5019531	47859,8125
07-01-2021	12:36:18	222590,7344	824,3071899	174402,2344	823,4975586	48188,5
07-01-2021	12:36:23	222024,2188	824,2744751	174361,1406	823,4649048	47663,07813
07-01-2021	12:36:28	222886,8281	824,2744751	174600,625	823,4649048	48286,20313
07-01-2021	12:36:33	222401,4844	824,2977905	174063,8594	823,5158081	48337,625
07-01-2021	12:36:38	222640,9063	824,2998657	174405,4219	823,4859009	48235,48438
07-01-2021	12:36:43	222305,375	824,2891846	174687,6094	823,5079956	47617,76563
07-01-2021	12:36:48	222836,0625	824,2891846	174591,7656	823,5079956	48244,29688
07-01-2021	12:36:53	222216,1406	824,2767944	173822,3125	823,5219116	48393,82813
07-01-2021	12:36:58	222829,625	824,3140259	174502,6563	823,4790039	48326,96875

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07-01-2021	12:37:08	223449,3281	824,3198242	175117,4375	823,5148926	48331,89063
07-01-2021	12:37:13	222537,6406	824,3218384	174202,5	823,5368652	48335,14063
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07-01-2021	12:37:23	222211,625	824,2913818	174496,1563	823,507019	47715,46875
07-01-2021	12:37:28	222551,9688	824,272522	174221,875	823,4431152	48330,09375
07-01-2021	12:37:33	222254,8438	824,3128662	173782,875	823,4805908	48471,96875
07-01-2021	12:37:38	222703,9844	824,2490845	174401,6719	823,5004883	48302,3125
07-01-2021	12:37:43	222224,7656	824,2490845	174497,5	823,5004883	47727,26563
07-01-2021	12:37:48	222544,6875	824,303772	174260,5	823,4879761	48284,1875
07-01-2021	12:37:53	222170,3125	824,2667236	174197,5625	823,5609741	47972,75
07-01-2021	12:37:58	222719,9219	824,3620605	174437,0938	823,4956665	48282,82813
07-01-2021	12:38:03	222432,3594	824,3620605	173924,3438	823,4956665	48508,01563
07-01-2021	12:38:08	222974,4688	824,3068848	174630,2969	823,5498657	48344,17188
07-01-2021	12:38:13	222448,2344	824,3031616	173926,2188	823,4786987	48522,01563
07-01-2021	12:38:18	223023,5781	824,2266235	174836,6094	823,4786987	48186,96875
07-01-2021	12:38:23	222180,4219	824,2266235	173912,6875	823,5484619	48267,73438
07-01-2021	12:38:28	222973,4219	824,3101807	174815,6406	823,5841675	48157,78125
07-01-2021	12:38:33	222398,1719	824,3201904	174150,1875	823,5619507	48247,98438
07-01-2021	12:38:38	222251,9531	824,3201904	173958,5625	823,5619507	48293,39063
07-01-2021	12:38:43	222555,9063	824,2595825	174397,125	823,5263062	48158,78125
07-01-2021	12:38:48	222640,8281	824,3010864	174207,0469	823,5188599	48433,78125
07-01-2021	12:38:53	222736,625	824,2774658	174062,5313	823,5703125	48674,09375
07-01-2021	12:38:58	223222,3281	824,2774658	174818,5156	823,5703125	48403,8125
07-01-2021	12:39:03	222391,4063	824,3374023	174015,25	823,5158081	48376,15625
07-01-2021	12:39:08	222589,9531	824,3110962	174446,9219	823,5134277	48143,03125
07-01-2021	12:39:13	222110,75	824,3110962	174160,2188	823,4909058	47950,53125
07-01-2021	12:39:18	222679,4844	824,3342896	174500,2656	823,4909058	48179,21875
07-01-2021	12:39:23	222239,875	824,366394	173867,3281	823,539856	48372,54688
07-01-2021	12:39:28	222337,1563	824,3604126	174062,75	823,5178223	48274,40625
07-01-2021	12:39:33	223007,3594	824,3604126	174829,3438	823,5178223	48178,01563
07-01-2021	12:39:38	222587,9844	824,3137207	174315,3438	823,4506226	48272,64063
07-01-2021	12:39:43	222188,2656	824,3734741	174643,5469	823,4857178	47544,71875
07-01-2021	12:39:48	222808,4063	824,3828735	174682,2969	823,5336914	48126,10938
07-01-2021	12:39:53	222377,375	824,3828735	174107,375	823,5336914	48270
07-01-2021	12:39:58	222913,375	824,3494873	174601,125	823,4629517	48312,25
07-01-2021	12:40:03	222871,6563	824,3269043	174210,3125	823,4991455	48661,34375
07-01-2021	12:40:08	223095,3281	824,3839111	174641,5156	823,5134277	48453,8125
07-01-2021	12:40:13	222424,3906	824,3839111	174303,2344	823,5134277	48121,15625
07-01-2021	12:40:18	223017,5625	824,322998	174886,9531	823,46698	48130,60938
07-01-2021	12:40:23	222293,75	824,3446045	174030,5	823,4337158	48263,25
07-01-2021	12:40:28	222820,875	824,3327026	174509,7344	823,4337158	48311,14063
07-01-2021	12:40:33	222201,0313	824,3327026	174303,0938	823,5062866	47897,9375
07-01-2021	12:40:38	222109,4531	824,3150635	174018,8594	823,4864502	48090,59375
07-01-2021	12:40:43	222636,7656	824,3396606	174536,3438	823,5328979	48100,42188
07-01-2021	12:40:48	222102,7813	824,3396606	173962,1875	823,5328979	48140,59375
07-01-2021	12:40:53	222569,9531	824,3861694	174593,125	823,4934692	47976,82813
07-01-2021	12:40:58	222089,2813	824,3909302	173867,7344	823,5262451	48221,54688
07-01-2021	12:41:03	222856,25	824,3909302	174538,5156	823,4401855	48317,73438
07-01-2021	12:41:08	221827,7969	824,2918701	173597,9531	823,4401855	48229,84375
07-01-2021	12:41:13	222954,0781	824,3826904	174697,8125	823,4509277	48256,26563
07-01-2021	12:41:18	222485,6406	824,3421631	174273,8594	823,4157104	48211,78125
07-01-2021	12:41:23	222488,125	824,3421631	174753,0156	823,4157104	47735,10938
07-01-2021	12:41:28	222603,9531	824,2653809	174217,3438	823,4573364	48386,60938
07-01-2021	12:41:33	222358,4844	824,2883911	174304,25	823,4967651	48054,23438
07-01-2021	12:41:38	222356,9219	824,2949219	174068,625	823,477417	48288,29688
07-01-2021	12:41:43	222404,6094	824,2949219	174020,6875	823,477417	48383,92188
07-01-2021	12:41:48	223077,4531	824,2850342	174732,8438	823,5095215	48344,60938
07-01-2021	12:41:53	222534,0469	824,3469238	174641,5625	823,4874268	47892,48438
07-01-2021	12:41:58	223522,7344	824,232666	174929,0469	823,4566665	48593,6875
07-01-2021	12:42:03	222755,5156	824,232666	174312,4688	823,4566665	48443,04688
07-01-2021	12:42:08	223281,3125	824,2354736	175117,25	823,5007324	48164,0625
07-01-2021	12:42:13	222439,4375	824,3323975	174256,2031	823,4937134	48183,23438
07-01-2021	12:42:18	223159,6406	824,3502808	174975,6406	823,5181885	48184
07-01-2021	12:42:23	222531,5313	824,3502808	174059,5	823,5181885	48472,03125
07-01-2021	12:42:28	222876,2188	824,3158569	174641,0469	823,4863892	48235,17188
07-01-2021	12:42:33	222414,9531	824,2470093	174437,625	823,543457	47977,32813
07-01-2021	12:42:38	222990,1719	824,3170776	174677,1406	823,543457	48313,03125
07-01-2021	12:42:43	222396,4688	824,3170776	173861,4531	823,5493774	48535,01563
07-01-2021	12:42:48	223126,1875	824,2782593	174729,3125	823,5263672	48396,875
07-01-2021	12:42:53	222598,8906	824,3407593	174196,3906	823,5551758	48402,5
07-01-2021	12:42:58	222821,9063	824,3407593	174578,9219	823,5551758	48242,98438
07-01-2021	12:43:03	222210,0156	824,3014526	174489,0781	823,5336914	47720,9375
07-01-2021	12:43:08	223074,7031	824,2987671	174684,4531	823,5117188	48390,25
07-01-2021	12:43:13	222499,7031	824,2987671	174205,3594	823,5231934	48294,34375
07-01-2021	12:43:18	223162,1875	824,3346558	174777,8906	823,5231934	48384,29688
07-01-2021	12:43:23	222672,5469	824,3703613	174341,7969	823,5471802	48330,75
07-01-2021	12:43:28	223836,0156	824,3165894	175359,1719	823,4928589	48476,84375
07-01-2021	12:43:33	223068,8594	824,3165894	174591,75	823,4928589	48477,10938
07-01-2021	12:43:38	222247,7969	824,3408813	174146,6719	823,5679923	48101,125
07-01-2021	12:43:43	222013,8125	824,3223877	173870,9844	823,5109253	48142,82813
07-01-2021	12:43:48	222773,4844	824,3482056	174591,1094	823,4997559	48182,375
07-01-2021	12:43:53	222581,7969	824,3482056	174064,0469	823,4997559	48517,75
07-01-2021	12:43:58	223305,5625	824,3308716	175021,9688	823,4979248	48283,59375
07-01-2021	12:44:03	222644,625	824,2909595	174205,4063	823,5079346	48439,21875
07-01-2021	12:44:08	222297,1563	824,3344116	173965,8594	823,4954224	48331,29688
07-01-2021	12:44:13	222872,5625	824,3344116	174447,5156	823,4954224	48425,04688
07-01-2021	12:44:18	222592,2656	824,3111572	174291,8906	823,5530396	48300,375
07-01-2021	12:44:23	222679,6094	824,3428955	174196,6563	823,5541382	48482,95313
07-01-2021	12:44:28	223015,2656	824,3417358	174723,6406	823,5541382	48291,625
07-01-2021	12:44:33	222344,4219	824,3417358	174099,7344	823,5593262	48244,6875
07-01-2021	12:44:38	223167,375	824,3109741	174868,5313	823,5484619	48298,84375
07-01-2021	12:44:43	222688,2031	824,3366089	174232,7969	823,6110229	48455,40625

07-01-2021	12:44:48	223496,2344	824,3366089	175286,7813	823,6110229	48209,45313
07-01-2021	12:44:53	222929,3281	824,303894	174473,1875	823,6072388	48456,14063
07-01-2021	12:44:58	223109,2031	824,3499756	174476,2188	823,5923462	48632,98438
07-01-2021	12:45:03	222629,7344	824,3591309	174332,5156	823,6150513	48297,21875
07-01-2021	12:45:08	222243,9844	824,3591309	174183,375	823,6150513	48060,60938
07-01-2021	12:45:13	223257	824,3355103	175292,8281	823,5743408	47964,17188
07-01-2021	12:45:18	222633,375	824,3310547	174337,6406	823,5637817	48295,73438
07-01-2021	12:45:23	222250,2656	824,3310547	173907,2188	823,6436157	48343,04688
07-01-2021	12:45:28	223014,8438	824,3400269	174800,25	823,6436157	48214,59375
07-01-2021	12:45:33	222391,3438	824,3401489	173852,3438	823,593811	48539
07-01-2021	12:45:38	222435,2813	824,3556519	174274,1094	823,6397705	48161,17188
07-01-2021	12:45:43	222915,9531	824,3556519	175232,9531	823,6397705	47683
07-01-2021	12:45:48	222971	824,3275757	174619,7188	823,59375	48351,28125
07-01-2021	12:45:53	222440,6406	824,3395996	173946,8281	823,604126	48493,8125
07-01-2021	12:45:58	222916,5156	824,3490601	174623,5313	823,5748291	48292,98438
07-01-2021	12:46:03	222486,2813	824,3490601	174144,4219	823,5748291	48341,85938
07-01-2021	12:46:08	223206,6563	824,3433838	174998,9375	823,6130371	48207,71875
07-01-2021	12:46:13	222681	824,3371582	174290,5156	823,5633545	48390,48438
07-01-2021	12:46:18	223264,5313	824,3074341	174865,5	823,545105	48399,03125
07-01-2021	12:46:23	222736,9219	824,3074341	174294,2656	823,545105	48442,65625
07-01-2021	12:46:28	223014,9531	824,3407593	174816,2969	823,5691528	48198,65625
07-01-2021	12:46:33	222536,5313	824,3361816	174332,2031	823,59375	48204,32813
07-01-2021	12:46:38	223159,7188	824,3389282	175050,7969	823,59375	48108,92188
07-01-2021	12:46:43	222679,1406	824,3389282	174281,4219	823,607605	48397,71875
07-01-2021	12:46:48	221762,4688	824,3612061	173464,3438	823,6242676	48298,125
07-01-2021	12:46:53	222673,375	824,399353	174189,2188	823,5978394	48484,15625
07-01-2021	12:46:58	222089,2344	824,399353	173709,3281	823,5978394	48379,90625
07-01-2021	12:47:03	223350,0625	824,3483887	174723,5156	823,5584717	48626,54688
07-01-2021	12:47:08	222492,7031	824,3274536	174195,3906	823,5639648	48297,3125
07-01-2021	12:47:13	222924,2813	824,3782959	174961,9531	823,5657349	47962,32813
07-01-2021	12:47:18	222623,2031	824,3782959	174242,1719	823,5657349	48381,03125
07-01-2021	12:47:23	222258,5625	824,3078003	174325,2188	823,6279297	47933,34375
07-01-2021	12:47:28	222342,8281	824,3519897	174188,8281	823,5925293	48154
07-01-2021	12:47:33	223445,375	824,3519897	175243,5625	823,6282349	48201,8125
07-01-2021	12:47:38	222677,5781	824,3531494	174372,9688	823,6282349	48304,60938
07-01-2021	12:47:43	221961,3281	824,3391113	174144,0938	823,5808716	47817,23438
07-01-2021	12:47:48	222784,1406	824,3045654	174610,1563	823,6478882	48173,98438
07-01-2021	12:47:53	222256,7656	824,3045654	173843,6875	823,6478882	48413,07813
07-01-2021	12:47:58	222594,6094	824,3006592	174290,1563	823,5692749	48304,45313
07-01-2021	12:48:03	222055,1719	824,3466797	173649,0156	823,6583252	48406,15625
07-01-2021	12:48:08	222594,1406	824,3013306	174627,375	823,5603638	47966,76563
07-01-2021	12:48:13	221162,8438	824,3013306	173812,8281	823,5603638	48350,01563
07-01-2021	12:48:18	223493,7188	824,3449097	175151,4063	823,5707397	48342,3125
07-01-2021	12:48:23	222814	824,3771362	174384,125	823,5744019	48429,875
07-01-2021	12:48:28	222061,3438	824,3234253	173714,1875	823,6355591	48347,15625
07-01-2021	12:48:33	222588,6875	824,3234253	174179,8906	823,6355591	48408,79688
07-01-2021	12:48:38	223485,0156	824,371146	175336,7969	823,6049194	48148,21875
07-01-2021	12:48:43	223501,2813	824,3079834	174812,0938	823,5940552	48689,1875
07-01-2021	12:48:48	222061	824,3242798	173709,3906	823,5940552	48351,60938
07-01-2021	12:48:53	222823,9531	824,3242798	174522,8281	823,5987549	48301,125
07-01-2021	12:48:58	222192,7969	824,3553467	173902,1563	823,5924072	48290,64063
07-01-2021	12:49:03	223295,5938	824,3584595	174811,7031	823,592041	48483,89063
07-01-2021	12:49:08	222239,7813	824,3584595	173949,3281	823,592041	48290,45313
07-01-2021	12:49:13	222296,6875	824,3207397	174341,8438	823,5471191	47954,84375
07-01-2021	12:49:18	221907,7656	824,3412476	173490	823,4959106	48417,76563
07-01-2021	12:49:23	222531,1563	824,368103	174065,75	823,6305542	48465,40625
07-01-2021	12:49:28	223051,3438	824,368103	174709,5469	823,6305542	48341,79688
07-01-2021	12:49:33	222288,7813	824,3497314	173908,9688	823,5593262	48379,8125
07-01-2021	12:49:38	223062,3438	824,3257446	174761,7344	823,6056519	48300,60938
07-01-2021	12:49:43	222630,6719	824,3257446	174186,875	823,6056519	48443,79688
07-01-2021	12:49:48	221969,6094	824,2878418	173567,1094	823,5909424	48402,5
07-01-2021	12:49:53	223159,8125	824,3183594	174488,6094	823,5402222	48671,20313
07-01-2021	12:49:58	222202,3594	824,3134155	173911,9688	823,5523071	48290,39063
07-01-2021	12:50:03	222443,3438	824,3134155	174582,7656	823,5523071	47860,57813
07-01-2021	12:50:08	222197,8438	824,3364868	174047,3594	823,5886841	48150,48438
07-01-2021	12:50:13	222766,9063	824,3596191	174621,0938	823,5986938	48145,8125
07-01-2021	12:50:18	222386,3281	824,3494263	174190,7344	823,5947266	48195,59375
07-01-2021	12:50:23	222434,0156	824,3494263	174478,9063	823,5947266	47955,10938
07-01-2021	12:50:28	222189,9531	824,3181763	173658,9688	823,6212769	48160,98438
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07-01-2021	12:50:38	222047	824,3656616	173904,7813	823,5974121	48142,21875
07-01-2021	12:50:43	222334,6719	824,3656616	174334,6406	823,5974121	48000,03125
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07-01-2021	12:50:53	222196,4844	824,3482056	174178,625	823,6495972	48017,85938
07-01-2021	12:50:58	221764,75	824,3919678	173459,9844	823,6495972	48304,76563
07-01-2021	12:51:03	222903,7188	824,3919678	174379	823,6068115	48524,71875
07-01-2021	12:51:08	221811,7188	824,3520508	173661,0938	823,6035156	48150,625
07-01-2021	12:51:13	222435,2344	824,2835083	174518,25	823,6286621	47916,98438
07-01-2021	12:51:18	222500,8906	824,2835083	174038,3281	823,6286621	48462,5625
07-01-2021	12:51:23	222041,0313	824,3929443	173709,4844	823,6048584	48331,54688
07-01-2021	12:51:28	222246,9844	824,3392944	173801,6875	823,6185303	48445,29688
07-01-2021	12:51:33	222582,4844	824,3392944	174280,7656	823,6542969	48301,71875
07-01-2021	12:51:38	221996,875	824,3823853	173794,3594	823,6542969	48202,51563
07-01-2021	12:51:43	222814,4844	824,3716431	174217,2344	823,6907959	48597,25
07-01-2021	12:51:48	221950,4531	824,3762817	173799,7813	823,6279907	48150,67188
07-01-2021	12:51:53	222909,0938	824,3762817	174567,0625	823,6279907	48342,03125
07-01-2021	12:51:58	222105,0938	824,333374	173847,875	823,62677	48257,21875
07-01-2021	12:52:03	222085,3594	824,4099731	174130,6875	823,6494751	47954,67188
07-01-2021	12:52:08	221899,3906	824,3909302	173559,0313	823,6377563	48340,35938
07-01-2021	12:52:13	222714,3281	824,3909302	174325,5156	823,6377563	48388,8125
07-01-2021	12:52:18	221899	824,3918457	173468,5938	823,607605	48430,40625
07-01-2021	12:52:23	222616,9688	824,3967896	174611,4063	823,6334839	48005,5625
07-01-2021	12:52:28	222428,1875	824,3850098	173987,8594	823,5574951	48440,32813

07-01-2021	12:52:33	221853,375	824,3850098	173573,0781	823,5574951	48280,29688
07-01-2021	12:52:38	222335,6563	824,3729858	174033	823,6505737	48302,65625
07-01-2021	12:52:43	221853,3594	824,3848267	173702,5313	823,626709	48150,82813
07-01-2021	12:52:48	222859,6719	824,440918	174469,0625	823,5690918	48390,60938
07-01-2021	12:52:53	222221,8125	824,440918	173858,9688	823,5690918	48362,84375
07-01-2021	12:52:58	223047,5625	824,4014282	174523,6406	823,5982056	48523,92188
07-01-2021	12:53:03	222815,0313	824,3753662	174199,5625	823,5473633	48615,46875
07-01-2021	12:53:08	222527,2344	824,4152832	174295,3906	823,5473633	48231,84375
07-01-2021	12:53:13	222708,7344	824,4152832	174137,6094	823,6157837	48571,125
07-01-2021	12:53:18	223194,6094	824,3890381	175006,2969	823,5849609	48188,3125
07-01-2021	12:53:23	222906,4063	824,4113159	174390,3438	823,5515137	48516,0625
07-01-2021	12:53:28	221847,125	824,4113159	173623,8281	823,5515137	48223,29688
07-01-2021	12:53:33	223001,1406	824,4023438	174628,7188	823,5574341	48372,42188
07-01-2021	12:53:38	222080,375	824,4395142	173756,2813	823,6022339	48324,09375
07-01-2021	12:53:43	222416,3438	824,4395142	174379,0469	823,5894775	48037,29688
07-01-2021	12:53:48	221748,5625	824,421814	173567,25	823,5894775	48181,3125
07-01-2021	12:53:53	222665,8125	824,3933105	174515,5469	823,6376343	48150,26563
07-01-2021	12:53:58	221983,7188	824,4353638	173812,5156	823,5616455	48171,20313
07-01-2021	12:54:03	222750,6719	824,4353638	174626,9688	823,5616455	48123,70313
07-01-2021	12:54:08	222100,5	824,3564453	173848,9531	823,6135864	48251,54688
07-01-2021	12:54:13	222234,7813	824,3889771	173900,6719	823,5950317	48334,10938
07-01-2021	12:54:18	222377,7969	824,3924561	174083,875	823,6362305	48293,92188
07-01-2021	12:54:23	222089,1406	824,3924561	173700,5938	823,6362305	48388,54688
07-01-2021	12:54:28	222528,375	824,354187	174365,8125	823,6625366	48162,5625
07-01-2021	12:54:33	222048,8281	824,355896	173795,0781	823,6389771	48253,75
07-01-2021	12:54:38	221860,6875	824,3411255	173699,3438	823,6298828	48161,34375
07-01-2021	12:54:43	222244,1563	824,3411255	173989,2969	823,6298828	48254,85938
07-01-2021	12:54:48	222041,3438	824,3794556	173848,3594	823,6167603	48192,98438
07-01-2021	12:54:53	221888,7031	824,3652954	173896,3594	823,6160278	48292,34375
07-01-2021	12:54:58	222859,9375	824,3945923	174519,1875	823,6079102	48340,75
07-01-2021	12:55:03	222612,5469	824,3945923	174185,4531	823,6079102	48427,09375
07-01-2021	12:55:08	222007,7969	824,3258667	173747,4063	823,6411133	48260,39063
07-01-2021	12:55:13	222469,7344	824,3918457	174048,0469	823,5772705	48421,6875
07-01-2021	12:55:18	223092,7188	824,3918457	174862,4531	823,5772705	48230,26563
07-01-2021	12:55:23	222721,8438	824,3438721	174271,2813	823,6564331	48450,5625
07-01-2021	12:55:28	222238,75	824,3557739	173791,5938	823,659729	48447,15625
07-01-2021	12:55:33	222669,0313	824,3313599	174032,9219	823,6472168	48636,10938
07-01-2021	12:55:38	222579,7031	824,3313599	174320,3438	823,6472168	48259,35938
07-01-2021	12:55:43	222568,3281	824,3734741	174137,7344	823,6029663	48430,59375
07-01-2021	12:55:48	223091,375	824,3908691	174666,3594	823,5953369	48425,01563
07-01-2021	12:55:53	222995,3906	824,3908691	174474,7188	823,6625366	48520,67188
07-01-2021	12:55:58	222036,9375	824,3897705	173790,2188	823,6625366	48246,71875
07-01-2021	12:56:03	222611,2969	824,3927002	174181,1406	823,6286621	48430,15625
07-01-2021	12:56:08	222996,6563	824,3856201	174949,0156	823,6185303	48047,64063
07-01-2021	12:56:13	222612,5938	824,3856201	174326,2344	823,6185303	48286,35938
07-01-2021	12:56:18	222107,4844	824,3077393	173851,7656	823,5959473	48255,71875
07-01-2021	12:56:23	222863,0469	824,3503418	174282,375	823,6026001	48580,67188
07-01-2021	12:56:28	222211,7656	824,276062	173846,2656	823,6265259	48365,5
07-01-2021	12:56:33	222977,5781	824,276062	174517	823,6265259	48460,57813
07-01-2021	12:56:38	222108,4844	824,2994995	173879,3281	823,7026978	48229,15625
07-01-2021	12:56:43	222441,0469	824,3148804	174133,0625	823,633667	48307,98438
07-01-2021	12:56:48	223395,5	824,3320923	175091,1875	823,5454712	48304,3125
07-01-2021	12:56:53	222915,6563	824,3320923	174534,4844	823,5454712	48381,17188
07-01-2021	12:56:58	222044,1563	824,3648682	173755	823,6004639	48289,15625
07-01-2021	12:57:03	223045,7813	824,3809204	174716,6563	823,5838623	48329,125
07-01-2021	12:57:08	222182,5938	824,381958	174045,9219	823,5962524	48136,67188
07-01-2021	12:57:13	222039	824,381958	174714,0156	823,5962524	47324,98438
07-01-2021	12:57:18	222342,3281	824,3199463	174088,8281	823,6080322	48253,5
07-01-2021	12:57:23	221869,875	824,2987061	173449,5938	823,6880493	48420,28125
07-01-2021	12:57:28	222828,3906	824,2987061	174311,9063	823,6880493	48516,48438
07-01-2021	12:57:33	221888,9531	824,3617554	173893,4844	823,6261597	48295,46875
07-01-2021	12:57:38	222441,9844	824,31073	174232,9531	823,6099854	48209,03125
07-01-2021	12:57:43	221914,625	824,352417	173563,0313	823,6066895	48351,59375
07-01-2021	12:57:48	222382,9688	824,352417	173994,8438	823,6066895	48388,125
07-01-2021	12:57:53	222049,5469	824,3461914	174271,7188	823,6581421	47777,82813
07-01-2021	12:57:58	222898,3906	824,3984375	174616,3281	823,6133423	48282,0625
07-01-2021	12:58:03	222323,0156	824,3984375	173897,6875	823,6043091	48425,32813
07-01-2021	12:58:08	222952,1875	824,3765259	174713,9063	823,6043091	48238,28125
07-01-2021	12:58:13	222376,5156	824,3775635	174039,9844	823,6203003	48336,53125
07-01-2021	12:58:18	222675,5156	824,3355103	174331,875	823,5944824	48343,64063
07-01-2021	12:58:23	222197,25	824,3355103	173996,5469	823,5944824	48200,70313
07-01-2021	12:58:28	222758,7031	824,3858643	174471,4688	823,6184082	48287,23438
07-01-2021	12:58:33	222283,2031	824,3720093	173889,9688	823,6506348	48393,23438
07-01-2021	12:58:38	222381,0156	824,3644409	174333,1563	823,5922241	48047,85938
07-01-2021	12:58:43	221948,6875	824,3644409	173949,875	823,5922241	47998,8125
07-01-2021	12:58:48	222660,3906	824,3926392	174093,9531	823,5907593	48566,4375
07-01-2021	12:58:53	222757,5156	824,3869019	174660,7188	823,6303711	48096,79688
07-01-2021	12:58:58	222425,9219	824,3728027	174326,125	823,6379395	48099,79688
07-01-2021	12:59:03	222090,4375	824,3728027	174563,2813	823,6379395	47527,15625
07-01-2021	12:59:08	222390,2031	824,3247681	174096,3594	823,5787354	48293,84375
07-01-2021	12:59:13	221748,5	824,395874	173655,5	823,6259766	48093
07-01-2021	12:59:18	222514,3906	824,4032593	174326,1875	823,6259766	48188,20313
07-01-2021	12:59:23	221841,2188	824,4032593	174153,8438	823,5322876	47687,375
07-01-2021	12:59:28	222578,1719	824,3364868	174242,5781	823,5665283	48335,59375
07-01-2021	12:59:33	222481,4844	824,4176025	174524,5313	823,5935059	47956,95313
07-01-2021	12:59:38	222555,75	824,4176025	174380,75	823,5935059	48175
07-01-2021	12:59:43	222309,0313	824,4422607	174725,9844	823,5460815	47583,04688
07-01-2021	12:59:48	222427,9219	824,3522339	174247,7656	823,5457153	48180,15625
07-01-2021	12:59:53	221900,6875	824,3937988	173576,9531	823,5631714	48323,73438
07-01-2021	12:59:58	222608,5781	824,3937988	174387,0156	823,5631714	48221,5625
07-01-2021	13:00:03	222141,7813	824,3471069	173771,6563	823,5267944	48370,125

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	222.507	825	176.445	824	46.062
Desv Est	412	0	387	0	201
% Desv Est	0,19%	0,02%	0,22%	0,01%	0,44%
Datos	361	361	361	361	361

FLUJO_ENTRADA_TG1 Time	Sistema de Combustible	FLUJO_ENTRADA_T	DENSIDAD_ENTRADA_T	FLUJO_RETORNO_T	DENSIDAD_RETORNO_T	Consumo [l/h]
07-01-2021	13:15:03	222640,5313	824,3983765	176482,3281	823,5805664	46158,20313
07-01-2021	13:15:08	222932,6563	824,3842773	176629	823,5805664	46303,65625
07-01-2021	13:15:13	222817,375	824,4523315	176380,5	823,6233521	46436,875
07-01-2021	13:15:18	222694,4219	824,3771362	176663,5313	823,6444702	46030,89063
07-01-2021	13:15:23	222358,625	824,3771362	176088,6875	823,6444702	46269,9375
07-01-2021	13:15:28	223406,1875	824,4032593	177439,2344	823,5966797	45966,95313
07-01-2021	13:15:33	222682,0313	824,4221191	176479,875	823,6064453	46202,15625
07-01-2021	13:15:38	221837,4531	824,3535156	175848,5781	823,6473389	45988,875
07-01-2021	13:15:43	222220,1875	824,3535156	176040,2344	823,6473389	46179,95313
07-01-2021	13:15:48	223315,9063	824,3742065	177187,9375	823,6568604	46127,96875
07-01-2021	13:15:53	222550,5156	824,3674927	176338,875	823,5894775	46211,64063
07-01-2021	13:15:58	222351,5156	824,3978882	176195,1719	823,6154785	46156,34375
07-01-2021	13:16:03	222830,6094	824,3978882	176525,9219	823,6154785	46304,6875
07-01-2021	13:16:08	222055,0625	824,4316406	176009,8438	823,5631104	46045,21875
07-01-2021	13:16:13	222764,6406	824,4655762	176636,8125	823,5430908	46127,82813
07-01-2021	13:16:18	221997,9063	824,4821777	175966,0938	823,6166992	46031,8125
07-01-2021	13:16:23	222952,1719	824,4821777	176813,0625	823,6166992	46139,10938
07-01-2021	13:16:28	222329,625	824,4812622	176203,5156	823,5532837	46126,10938
07-01-2021	13:16:33	223639,5313	824,4208984	177400,7344	823,5557861	46238,79688
07-01-2021	13:16:38	222488,9531	824,4568481	176586,2656	823,5557861	45902,6875
07-01-2021	13:16:43	222049,4375	824,4568481	176772,5	823,5778809	45276,9375
07-01-2021	13:16:48	222630,5625	824,4321289	176672,4375	823,5980835	45958,125
07-01-2021	13:16:53	222344,3281	824,475647	176193,5	823,5974731	46150,82813
07-01-2021	13:16:58	222189,3125	824,475647	176097,6875	823,5974731	46091,625
07-01-2021	13:17:03	222861,7031	824,4691162	177009,1719	823,5876465	45852,53125
07-01-2021	13:17:08	222144,625	824,4603271	176198,6563	823,5690918	45945,96875
07-01-2021	13:17:13	221857,4063	824,4603271	175863,3594	823,5395508	45994,04688
07-01-2021	13:17:18	222065,9844	824,3984375	176013,2188	823,5395508	46052,76563
07-01-2021	13:17:23	223341,4219	824,4669189	177060,5625	823,571106	46280,85938
07-01-2021	13:17:28	222540,375	824,4124146	176531,7344	823,5835571	46008,64063
07-01-2021	13:17:33	222396,6563	824,4124146	176818,3906	823,5835571	45578,26563
07-01-2021	13:17:38	222432,0469	824,4594116	176200,6563	823,5596924	46231,39063
07-01-2021	13:17:43	222147	824,4514771	176352,1094	823,5187378	45794,89063
07-01-2021	13:17:48	222093,6875	824,4709473	175871,375	823,5306396	46222,3125
07-01-2021	13:17:53	223387,6094	824,4709473	177164,8906	823,5306396	46222,71875
07-01-2021	13:17:58	222273,5938	824,5145264	176338,7813	823,5791626	45934,8125
07-01-2021	13:18:03	222591,6094	824,3994141	176728,6719	823,5470581	45862,9375
07-01-2021	13:18:08	221924	824,5682983	175866,3438	823,557373	46057,65625
07-01-2021	13:18:13	222403,1406	824,5682983	176631,5313	823,557373	45771,60938
07-01-2021	13:18:18	222236,875	824,4726563	176108,2656	823,5393677	46128,60938
07-01-2021	13:18:23	222733,4375	824,4071655	176540,8125	823,532959	46192,625
07-01-2021	13:18:28	221822,8281	824,4841919	175870,1094	823,5467529	45952,71875
07-01-2021	13:18:33	222330,5469	824,4841919	176010,9844	823,5467529	46319,5625
07-01-2021	13:18:38	223059,9844	824,444397	176976,8125	823,5134888	46083,17188
07-01-2021	13:18:43	222580,3906	824,4994507	176446,8125	823,5241699	46133,57813
07-01-2021	13:18:48	221799,4375	824,4994507	175919,0313	823,5241699	45880,40625
07-01-2021	13:18:53	222415,7969	824,5233765	176305,8906	823,506897	46109,90625
07-01-2021	13:18:58	221898,5625	824,486145	175921,6406	823,5153809	45976,92188
07-01-2021	13:19:03	222329,9844	824,4528198	176209,0938	823,5668945	46120,89063
07-01-2021	13:19:08	222769,6563	824,4528198	176533,7344	823,5668945	46235,92188
07-01-2021	13:19:13	222138,0625	824,4847412	176301,0625	823,5302124	45837
07-01-2021	13:19:18	222653,6719	824,5311279	176574,8281	823,5956421	46078,84375
07-01-2021	13:19:23	222222,3906	824,5311279	176000,7813	823,6436157	46221,60938
07-01-2021	13:19:28	222269,0938	824,5407104	176183,1719	823,6436157	46085,92188
07-01-2021	13:19:33	223014,6094	824,4433594	176971,1563	823,5332031	46043,45313
07-01-2021	13:19:38	222227,0313	824,5178833	176249,0781	823,5498657	45977,95313
07-01-2021	13:19:43	222514,6406	824,5178833	176680,1719	823,5498657	45834,46875
07-01-2021	13:19:48	222248,8125	824,4345093	176190,5625	823,6004028	46058,25
07-01-2021	13:19:53	222766,2656	824,4719238	176867,1094	823,5723877	45899,15625
07-01-2021	13:19:58	221752,75	824,4976196	175724,9844	823,5396729	46027,76563
07-01-2021	13:20:03	222376,8438	824,4976196	176395,6875	823,5396729	45981,15625
07-01-2021	13:20:08	221845,1563	824,5149536	175725,0781	823,5429077	46120,07813
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07-01-2021	13:20:18	222173,7188	824,5412598	176064,1719	823,4994507	46109,54688
07-01-2021	13:20:23	222173,8438	824,5412598	176308,25	823,4994507	45865,59375
07-01-2021	13:20:28	223195,9219	824,4785767	176875,7344	823,5352783	46320,1875
07-01-2021	13:20:33	222759,9375	824,4960327	176575,6563	823,5958252	46184,28125
07-01-2021	13:20:38	222712,25	824,5394287	176623,5625	823,5292969	46088,6875
07-01-2021	13:20:43	222845,3438	824,5394287	176686,125	823,5292969	46159,21875
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07-01-2021	13:20:53	223473,3438	824,5218506	177117,0625	823,5302734	46356,28125
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07-01-2021	13:21:13	222765,6719	824,4874878	176103,4688	823,5499268	46662,20313
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07-01-2021	13:21:33	222327,4844	824,4962158	176197,1563	823,536499	46130,32813
07-01-2021	13:21:38	223323,0156	824,5371704	177257,9844	823,536499	46065,03125
07-01-2021	13:21:43	222857,6719	824,4847412	176488,1563	823,5481567	46369,51563
07-01-2021	13:21:48	222171,8906	824,5384521	175988,6406	823,6464233	46183,25
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07-01-2021	13:22:38	222760,1406	824,4796143	176676,6563	823,5631104	46083,48438
07-01-2021	13:22:43	222447,7656	824,5744019	176178,625	823,6541138	46269,14063
07-01-2021	13:22:48	223069,625	824,4860804	177040,8594	823,6541138	46028,76563
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07-01-2021	13:23:33	222454,5625	824,5489502	176138,8281	823,6113281	46315,73438
07-01-2021	13:23:38	223175,625	824,5410156	176958,7969	823,5847168	46216,82813
07-01-2021	13:23:43	222648,5	824,5410156	176431,8438	823,6261597	46216,65625
07-01-2021	13:23:48	223403,9531	824,5838623	177285,4219	823,6261597	46118,53125
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07-01-2021	13:23:58	222163,4063	824,5634766	176135	823,6298828	46028,40625
07-01-2021	13:24:03	222115,625	824,5634766	176709,8594	823,6298828	45405,76563
07-01-2021	13:24:08	222604,1563	824,526123	176622,2656	823,5905151	45981,89063
07-01-2021	13:24:13	222118,875	824,553894	175987,7344	823,6469727	46131,14063
07-01-2021	13:24:18	222893,2344	824,5233765	176853,0938	823,6322632	46040,14063
07-01-2021	13:24:23	222222,375	824,5233765	175942,8281	823,6322632	46279,54688
07-01-2021	13:24:28	223613,1563	824,520874	177470,6719	823,6604614	46142,48438
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07-01-2021	13:24:43	223074,4063	824,564209	176859,6719	823,6043701	46214,73438
07-01-2021	13:24:48	221966,3906	824,5866699	176072,8125	823,7026367	45893,57813
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07-01-2021	13:24:58	222490,0313	824,5714111	176282,375	823,6162109	46207,65625
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07-01-2021	13:25:08	222593,5	824,5753174	176421,3281	823,6389771	46172,17188
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07-01-2021	13:25:18	222454,1875	824,5576782	176425,6563	823,6141968	46028,53125
07-01-2021	13:25:23	222015,1563	824,5922241	176719,5	823,5836792	45295,65625
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07-01-2021	13:25:33	222214,9531	824,6270142	176041,5	823,6217651	46173,45313
07-01-2021	13:25:38	222773,2969	824,6270142	176712,4063	823,6217651	46060,89063
07-01-2021	13:25:43	222108,7188	824,6040039	175984,7969	823,6691895	46123,92188
07-01-2021	13:25:48	222785,0469	824,5853271	176613,8594	823,6348877	46171,1875
07-01-2021	13:25:53	222210,1094	824,5853271	176039,8125	823,6355591	46170,29688
07-01-2021	13:25:58	223226,3594	824,5476685	177237,2656	823,6355591	45989,09375
07-01-2021	13:26:03	222595,3438	824,5821533	176334,0156	823,6021118	46261,32813
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07-01-2021	13:26:13	221962,9531	824,6184692	176177,8906	823,6619873	45785,0625
07-01-2021	13:26:18	222536,9531	824,6170654	176369,6094	823,6613159	46167,34375
07-01-2021	13:26:23	222298,375	824,6150513	176074,5625	823,6980591	46223,8125
07-01-2021	13:26:28	222834,7969	824,5795288	176702,4063	823,6734619	46132,39063
07-01-2021	13:26:33	222307,6875	824,5795288	176222,5938	823,6734619	46085,09375
07-01-2021	13:26:38	223112,5313	824,6157227	177044,8906	823,6355591	46067,64063
07-01-2021	13:26:43	222433,0469	824,6481934	176429,1094	823,6096802	46003,9375
07-01-2021	13:26:48	223104,2969	824,6333618	176716,6094	823,6416016	46387,6875
07-01-2021	13:26:53	222388,0156	824,6333618	176134,1719	823,6416016	46253,84375
07-01-2021	13:26:58	222169,2344	824,5560913	176042,875	823,6160889	46126,35938
07-01-2021	13:27:03	222825,375	824,6069946	176464,9219	823,6600342	46360,45313
07-01-2021	13:27:08	222155,7969	824,6001587	175985,8281	823,6600342	46169,96875
07-01-2021	13:27:13	223020,0781	824,6001587	176761,3438	823,6168823	46258,73438
07-01-2021	13:27:18	222173,2813	824,5409546	176033,2031	823,6628418	46140,07813
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07-01-2021	13:27:28	223403,5469	824,6001587	177421,7344	823,6660156	45981,8125
07-01-2021	13:27:33	222921,375	824,6061401	176753,2969	823,6553955	46168,07813
07-01-2021	13:27:38	221956,125	824,6329346	176022,4219	823,7185669	45933,70313
07-01-2021	13:27:43	223249,7813	824,654448	177267,8125	823,6437988	45981,96875
07-01-2021	13:27:48	222285,6094	824,654448	176228,7969	823,6437988	46056,8125
07-01-2021	13:27:53	221811,1406	824,6376343	176418,6563	823,656189	45392,48438
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07-01-2021	13:28:43	222633,2031	824,6127319	176462,8125	823,6661377	46170,39063
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07-01-2021	13:28:58	222026,0156	824,6365967	175901,6406	823,5531616	46124,375
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07-01-2021	13:29:33	222143,8594	824,6504517	176043,8281	823,6077881	46100,03125
07-01-2021	13:29:38	223006,7031	824,6504517	177002,8125	823,6077881	46003,89063
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07-01-2021	13:29:53	222481,6563	824,6246948	176196,6094	823,6068726	46285,04688
07-01-2021	13:29:58	223109,4219	824,6246948	177243,3125	823,6068726	45866,10938
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07-01-2021	13:30:28	223004,4531	824,6672363	177001,4219	823,6102295	46003,03125
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07-01-2021	13:30:38	222284,875	824,6716309	176275,3438	823,6464233	46009,53125
07-01-2021	13:30:43	222149,1563	824,6398926	176943,2031	823,6595459	45205,95313
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07-01-2021	13:31:23	222633,1406	824,6218262	176412,7031	823,6808472	46220,4375
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07-01-2021	13:32:08	222576,125	824,6488037	176562,7031	823,654541	46013,42188
07-01-2021	13:32:13	222133,375	824,6923218	175922,1406	823,7402344	46211,23438
07-01-2021	13:32:18	222762,8125	824,6660156	176983,2969	823,7051392	45779,51563
07-01-2021	13:32:23	222283,6094	824,6660156	176216,8906	823,7051392	46066,71875
07-01-2021	13:32:28	222379,5469	824,6663208	176450,3906	823,7380371	45929,15625
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07-01-2021	13:33:23	223083,1094	824,7218018	176793,5156	823,7002563	46289,59375
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07-01-2021	13:34:18	222623,9063	824,6566162	176454,625	823,7174683	46169,28125
07-01-2021	13:34:23	222239,1563	824,6625977	176738,8125	823,7331543	45500,34375
07-01-2021	13:34:28	223140,6094	824,6953735	176824,7188	823,7762451	46315,89063
07-01-2021	13:34:33	222567,0938	824,6953735	176250	823,7762451	46317,09375
07-01-2021	13:34:38	222622,5781	824,6657104	176539,0313	823,7722168	46083,54688
07-01-2021	13:34:43	222231,3594	824,6959229	176271,6719	823,6763916	45959,6875
07-01-2021	13:34:48	222138,7969	824,6843262	176120,25	823,7093506	46018,54688
07-01-2021	13:34:53	222905,2344	824,6843262	176742,8906	823,7093506	46162,34375
07-01-2021	13:34:58	221942,4531	824,6959839	175976,8438	823,7077637	45965,60938
07-01-2021	13:35:03	222645,5938	824,755127	176734,9375	823,751709	45910,65625
07-01-2021	13:35:08	222258,7656	824,7684326	176112,1719	823,6988525	46146,59375
07-01-2021	13:35:13	222212,2344	824,7684326	176697,2656	823,6988525	45514,96875
07-01-2021	13:35:18	222360,2656	824,7504272	176209,5781	823,7405396	46150,6875
07-01-2021	13:35:23	222125,8125	824,7327881	176074,8281	823,6975098	46050,98438
07-01-2021	13:35:28	222557,6875	824,6688843	176458	823,7220459	46099,6875
07-01-2021	13:35:33	222191,3906	824,6688843	175973,9531	823,7220459	46217,4375
07-01-2021	13:35:38	222941	824,7333984	176981,375	823,7145996	45959,625
07-01-2021	13:35:43	222365,1094	824,744873	176171,3906	823,6939697	46193,71875
07-01-2021	13:35:48	222314,125	824,7664185	176219,25	823,6939697	46094,875
07-01-2021	13:35:53	221876,2969	824,7664185	176249,4063	823,7794189	45626,89063
07-01-2021	13:35:58	222504,2344	824,7478027	176401,9844	823,7366943	46102,25
07-01-2021	13:36:03	222216,8438	824,7593384	176689,3906	823,725647	45527,45313
07-01-2021	13:36:08	222357,3438	824,7593384	176308,4219	823,725647	46048,92188
07-01-2021	13:36:13	221846,6875	824,6974487	176108,2969	823,7630005	45738,39063
07-01-2021	13:36:18	221836,8594	824,7336426	175918,3594	823,7587891	45918,5
07-01-2021	13:36:23	222315,8594	824,7336426	176254,5	823,7858887	46061,35938
07-01-2021	13:36:28	221869,75	824,7918701	175817,8125	823,7858887	46051,9375
07-01-2021	13:36:33	223212,4375	824,786499	176834,8281	823,7320557	46377,60938
07-01-2021	13:36:38	222351,6094	824,77771	176302,5469	823,7540894	46049,0625
07-01-2021	13:36:43	222736,1406	824,77771	176877,2813	823,7540894	45858,85938
07-01-2021	13:36:48	222354,7656	824,7697754	176152,2031	823,7862549	46202,5625
07-01-2021	13:36:53	223572,8281	824,6930542	177115,9688	823,7579346	46456,85938
07-01-2021	13:36:58	222502,625	824,760376	176498,1094	823,7351074	46004,51563
07-01-2021	13:37:03	222071,7656	824,760376	176689,6719	823,7351074	45382,09375
07-01-2021	13:37:08	222681,6875	824,803894	176685,2344	823,7563477	45996,45313
07-01-2021	13:37:13	222203,5313	824,8014526	175976,2344	823,7150879	46227,29688
07-01-2021	13:37:18	222852,7969	824,7011108	176741,75	823,7489624	46111,04688
07-01-2021	13:37:23	222325,6406	824,7011108	176255,75	823,7489624	46069,89063
07-01-2021	13:37:28	222108,4219	824,7990723	176058,9844	823,7736206	46049,4375

07-01-2021	13:37:33	222884,75	824,7579956	176869,7344	823,7903442	46015,01563
07-01-2021	13:37:38	222500,7656	824,7529907	176392,375	823,7647705	46108,39063
07-01-2021	13:37:43	222358,2656	824,7529907	176396,9844	823,7647705	45961,28125
07-01-2021	13:37:48	222122,6094	824,7380371	175959,2969	823,7925415	46163,3125
07-01-2021	13:37:53	222793,0469	824,7333984	176534,3438	823,7910156	46258,70313
07-01-2021	13:37:58	222269,6563	824,7648926	176055,4063	823,7910156	46214,25
07-01-2021	13:38:03	222692,3125	824,7648926	176639,125	823,7476196	46053,1875
07-01-2021	13:38:08	222859,0313	824,6746216	176781,0625	823,7563477	46077,96875
07-01-2021	13:38:13	222523,4531	824,7971191	176445,7656	823,7923584	46077,6875
07-01-2021	13:38:18	222587,1094	824,7971191	176773,5625	823,7923584	45813,54688
07-01-2021	13:38:23	222308,9375	824,760437	176156,75	823,760376	46152,1875
07-01-2021	13:38:28	222313,3281	824,7439575	176351,1563	823,7468872	45962,17188
07-01-2021	13:38:33	222313,4688	824,7439575	176256,9531	823,7837524	46056,51563
07-01-2021	13:38:38	222925,8281	824,7843628	177014,8594	823,7837524	45910,96875
07-01-2021	13:38:43	222439,8125	824,8098755	176338,75	823,8101196	46101,0625
07-01-2021	13:38:48	222442,7344	824,7987671	176483,9219	823,8031616	45958,8125
07-01-2021	13:38:53	222538,4063	824,7987671	176292,3125	823,8031616	46246,09375
07-01-2021	13:38:58	222748,3906	824,7289429	176913,875	823,8084106	45834,51563
07-01-2021	13:39:03	222508,2031	824,7224731	176389,6406	823,7958984	46118,5625
07-01-2021	13:39:08	221733,1406	824,7585449	175758,7656	823,8358154	45974,375
07-01-2021	13:39:13	222931,1875	824,7585449	176813,1719	823,8358154	46118,01563
07-01-2021	13:39:18	222397,8906	824,7826538	176392,0313	823,788208	46005,85938
07-01-2021	13:39:23	221932,2656	824,7320557	176350,5938	823,7570801	45581,67188
07-01-2021	13:39:28	222484,8438	824,8201904	176446,4063	823,8063965	46038,4375
07-01-2021	13:39:33	222101,6719	824,8201904	176148,8281	823,8063965	45952,84375
07-01-2021	13:39:38	222199,1094	824,8113104	176189,0469	823,8428345	46010,0625
07-01-2021	13:39:43	221918,2344	824,7886353	175859,3906	823,8161621	46058,84375
07-01-2021	13:39:48	221967,2969	824,8017578	176050,9375	823,7432251	45916,35938
07-01-2021	13:39:53	222203,5	824,8017578	176161,9219	823,7432251	46041,57813
07-01-2021	13:39:58	221964,5469	824,7998047	175822,7188	823,7622681	46141,82813
07-01-2021	13:40:03	222156,0313	824,7976074	176012,4375	823,7711182	46143,59375
07-01-2021	13:40:08	223066,9688	824,8043823	176922,4688	823,7711182	46144,5
07-01-2021	13:40:13	222825,5781	824,8043823	176638,1719	823,7563477	46187,40625
07-01-2021	13:40:18	222300,7188	824,7975464	176055,7188	823,7935181	46245
07-01-2021	13:40:23	222971,1563	824,7472534	176678,3125	823,8186035	46292,84375
07-01-2021	13:40:28	221978,1094	824,7472534	175954,6406	823,8186035	46023,46875
07-01-2021	13:40:33	222822,9844	824,8137207	176770,375	823,8114624	46052,60938
07-01-2021	13:40:38	221960,9688	824,8125	176011,7031	823,7747803	45949,26563
07-01-2021	13:40:43	222440,1406	824,8125	176443,5313	823,7889404	45996,60938
07-01-2021	13:40:48	222115,5469	824,7719116	176153,25	823,7889404	45962,29688
07-01-2021	13:40:53	222801	824,7142717	176628,4219	823,8067017	46172,57813
07-01-2021	13:40:58	222492,3906	824,7954712	175964,2188	823,7762451	46528,17188
07-01-2021	13:41:03	222875,7188	824,7954712	176730,5781	823,7762451	46145,14063
07-01-2021	13:41:08	222200,125	824,8175049	176147,4375	823,8167114	46052,6875
07-01-2021	13:41:13	221932,8438	824,7409668	176238,5781	823,8390503	45694,26563
07-01-2021	13:41:18	222264,4688	824,7592773	176205,4688	823,7678833	46059
07-01-2021	13:41:23	222935,3125	824,7592773	176923,9531	823,7678833	46011,35938
07-01-2021	13:41:28	222168,9063	824,7575073	176137,3438	823,8652344	46031,5625
07-01-2021	13:41:33	222065,7813	824,7865601	176445,5	823,7651367	45620,28125
07-01-2021	13:41:38	222024,4844	824,7611084	176110,2188	823,8292236	45914,26563
07-01-2021	13:41:43	222791,1406	824,7611084	176719,5156	823,8292236	46071,625
07-01-2021	13:41:48	222111,4375	824,7952271	175907,7969	823,8175049	46203,64063
07-01-2021	13:41:53	223176,9688	824,7514648	176955,2188	823,84729	46221,75
07-01-2021	13:41:58	222362,2031	824,751709	176333,3594	823,84729	46028,84375
07-01-2021	13:42:03	221882,25	824,751709	175968,6094	823,7589722	45913,64063
07-01-2021	13:42:08	221928,7188	824,7539063	176060,8906	823,7797241	45867,82813
07-01-2021	13:42:13	222120,0625	824,7368164	176007	823,8084717	46113,0625
07-01-2021	13:42:18	222938,8438	824,7368164	176772,4688	823,8084717	46166,375
07-01-2021	13:42:23	222387,1094	824,8307495	176244,7031	823,8131714	46142,40625
07-01-2021	13:42:28	221975,9688	824,7567749	176071,7813	823,7237549	45904,1875
07-01-2021	13:42:33	223077,7031	824,7821045	176742,3438	823,765686	46335,35938
07-01-2021	13:42:38	222448,3906	824,7821045	176206,6875	823,765686	46241,70313
07-01-2021	13:42:43	223071,8281	824,7756348	177190,0156	823,8731079	45881,8125
07-01-2021	13:42:48	222103,4219	824,8133545	176049,25	823,8317871	46054,7188
07-01-2021	13:42:53	222055,5156	824,8133545	176480,3125	823,7573853	45575,20313
07-01-2021	13:42:58	222396,6563	824,791687	176352,1094	823,7573853	46044,54688
07-01-2021	13:43:03	222736,3594	824,7756348	176778,7969	823,7785645	45957,5625
07-01-2021	13:43:08	222543,2813	824,7805786	176438,9531	823,7966309	46104,32813
07-01-2021	13:43:13	222399,7969	824,7805786	175912,125	823,7966309	46487,67188
07-01-2021	13:43:18	222827,0781	824,7942505	176772,1563	823,8104248	46054,92188
07-01-2021	13:43:23	222246,6563	824,815918	176002,6563	823,8257446	46244
07-01-2021	13:43:28	222819,2813	824,8239136	176961,3281	823,7982788	45857,95313
07-01-2021	13:43:33	222389,0625	824,8239136	176296,5	823,7982788	46092,5625
07-01-2021	13:43:38	222825,1719	824,8057861	176728,4531	823,7900391	46096,71875
07-01-2021	13:43:43	222617,6094	824,8660278	176365,9063	823,6948853	46251,70313
07-01-2021	13:43:48	222282,5313	824,8624878	176318,0938	823,7318726	45964,4375
07-01-2021	13:43:53	223049,6875	824,8624878	176837,2344	823,7318726	46212,45313
07-01-2021	13:43:58	221950,25	824,8530273	175969,0625	823,7609253	45981,1875
07-01-2021	13:44:03	222925,4531	824,7884521	176973,8125	823,7659912	45951,64063
07-01-2021	13:44:08	222302,3125	824,8325195	176159,5313	823,7659912	46142,78125
07-01-2021	13:44:13	221907,9375	824,8325195	176301,625	823,7740479	45606,3125
07-01-2021	13:44:18	223073,0781	824,7731323	176776,6563	823,7927246	46296,42188
07-01-2021	13:44:23	222498,2188	824,8414917	176212,9375	823,7401123	46285,28125
07-01-2021	13:44:28	222672,0625	824,8414917	176643,9688	823,7401123	46028,09375
07-01-2021	13:44:33	222243,4688	824,8328857	175961,2344	823,7987061	46282,23438
07-01-2021	13:44:38	222871,9531	824,8116455	176733,3281	823,7709961	46138,625
07-01-2021	13:44:43	222296,8125	824,8214722	176062,75	823,7601929	46234,0625
07-01-2021	13:44:48	223060,5938	824,8214722	177118,7656	823,7601929	45941,82813
07-01-2021	13:44:53	222150,2031	824,8205566	176190,7969	823,8422241	45959,40625
07-01-2021	13:44:58	221723,7656	824,8032837	175908,8594	823,8162842	45814,90625
07-01-2021	13:45:03	221675,9219	824,8032837	175765,1094	823,7664795	45910,8125

	FLUJO_ENTRADA TG1 ValueY [l/h]	DENSIDAD_ENTRA DA_TG1 ValueY [m3/kg]	FLUJO_RETORNO_ TG1 ValueY [l/h]	DENSIDAD_RETORN O_TG1 ValueY [m3/kg]	Consumo [l/h]
Promedio	222.341	825	178.348	824	43.993
Desv Est	494	0	443	0	539
% Desv Est	0,22%	0,00%	0,25%	0,01%	1,23%
Datos	361	361	361	361	361

FLUJO_ENTRADA_TG1 Time	Sistema de Combustible	FLUJO_ENTRADA_	DENSIDAD_ENTRAI	FLUJO_RETORNO_	DENSIDAD_RETORNI	Consumo [l/h]
07-01-2021	14:00:03	223939,6406	824,883728	177550,5469	824,0137939	46389,09375
07-01-2021	14:00:08	223218,1719	824,8954468	176830,0313	824,020813	46388,14063
07-01-2021	14:00:13	223840,875	824,8954468	177596,2188	824,020813	46244,65625
07-01-2021	14:00:18	223208,6406	824,932251	176978,5313	823,9976196	46230,10938
07-01-2021	14:00:23	223602,2188	824,8925781	177246,0156	824,0961304	46356,20313
07-01-2021	14:00:28	223695,8594	824,9015503	177341,7344	824,1030884	46354,125
07-01-2021	14:00:33	223647,6563	824,9015503	177292,375	824,1030884	46355,28125
07-01-2021	14:00:38	224032,875	824,894104	177796,0313	823,9890747	46236,84375
07-01-2021	14:00:43	223898,8281	824,8533325	177353,1875	824,0419922	46545,64063
07-01-2021	14:00:48	223507,25	824,8828125	177353,1406	824,0734253	46154,10938
07-01-2021	14:00:53	223938,1719	824,8828125	177586,8125	824,0734253	46351,35938
07-01-2021	14:00:58	223261	824,9085693	176976,6875	824,0143433	46284,3125
07-01-2021	14:01:03	224080,7969	824,8876343	177780,3438	824,0599365	46300,45313
07-01-2021	14:01:08	223458,1719	824,8928833	177157,8125	824,0599365	46300,35938
07-01-2021	14:01:13	224701,6563	824,8928833	178412,5781	824,0133057	46289,07813
07-01-2021	14:01:18	223823,7969	824,9526367	177598,8594	824,0116577	46224,9375
07-01-2021	14:01:23	222116,1875	824,8878174	178168,1875	824,0371094	43948
07-01-2021	14:01:28	222212,5625	824,8878174	178263,9688	824,0371094	43948,59375
07-01-2021	14:01:33	222558,375	824,8484497	178983,5156	824,0307007	43574,85938
07-01-2021	14:01:38	221917,125	824,9173584	178275,7344	823,9810181	43641,39063
07-01-2021	14:01:43	222348,5469	824,8847656	178370,7031	824,0257568	43977,84375
07-01-2021	14:01:48	222021,5469	824,8847656	178168,9844	824,0257568	43852,5625
07-01-2021	14:01:53	222260,0625	824,8942871	178884,2656	824,039978	43375,79688
07-01-2021	14:01:58	222151,0313	824,9419556	178410,7813	824,0147095	43740,25
07-01-2021	14:02:03	221960,6719	824,9419556	178075,5313	824,0628662	43885,14063
07-01-2021	14:02:08	223027,7656	824,8908691	179070,1406	824,0628662	43957,625
07-01-2021	14:02:13	222648,6563	824,8763428	178591,9375	824,0561523	44056,71875
07-01-2021	14:02:18	222641,9375	824,9024048	178600,3281	824,0205078	44041,60938
07-01-2021	14:02:23	222498,2969	824,9024048	178600,3125	824,0205078	43897,98438
07-01-2021	14:02:28	222356,6719	824,8994141	178461,2656	823,9983521	43895,40625
07-01-2021	14:02:33	222454,9688	824,8903198	178401,6719	824,053894	44053,29688
07-01-2021	14:02:38	222886,9063	824,8861084	178970,5156	824,0812378	43916,39063
07-01-2021	14:02:43	222264,1875	824,8861084	178443,0313	824,0812378	43821,15625
07-01-2021	14:02:48	223271,6406	824,8790894	179410,2969	824,0354614	43861,34375
07-01-2021	14:02:53	222493,9219	824,9214478	178601,25	824,0160522	43892,67188
07-01-2021	14:02:58	221875,7344	824,9129639	178074,4844	824,0253906	43801,25
07-01-2021	14:03:03	222402,4219	824,9129639	178503,4688	824,0253906	43898,95313
07-01-2021	14:03:08	223038,9219	824,8617554	179167,1719	824,0531006	43871,75
07-01-2021	14:03:13	222640,2813	824,9190063	178877,9688	824,0621948	43762,3125
07-01-2021	14:03:18	221777,9219	824,956604	177968,1875	824,0621948	43809,73438
07-01-2021	14:03:23	222342,8281	824,956604	178635,625	824,0758057	43707,20313
07-01-2021	14:03:28	221886,7344	824,8704834	177960,5781	824,0983887	43926,15625
07-01-2021	14:03:33	222418,5625	824,8556519	178408,5313	824,0176392	44010,03125
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07-01-2021	14:03:48	222183,6406	824,8422241	178217,7656	824,0137939	43965,875
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07-01-2021	14:03:58	222412,3125	824,8833618	178448,3281	824,0482178	43963,98438
07-01-2021	14:04:03	222304,9844	824,9289551	178982,125	824,0148926	43322,85938
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07-01-2021	14:04:33	222463,0938	824,8455811	178457,2813	824,0095215	44005,8125
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07-01-2021	14:04:43	221937,1875	824,8424072	177962,4844	824,0853882	43974,70313
07-01-2021	14:04:48	222801,5625	824,833313	178928,8125	824,0402222	43872,75
07-01-2021	14:04:53	222322,3594	824,833313	178258,5156	824,0402222	44063,84375
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07-01-2021	14:05:03	222309,6563	824,883667	178310,2813	824,0216675	43999,375
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07-01-2021	14:05:13	222500,8438	824,8851318	178589,6563	824,055603	43911,1875
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07-01-2021	14:05:53	222366,9219	824,8461914	178299,375	824,0657959	44067,54688
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07-01-2021	14:06:38	223019,1875	824,9212646	178882,6719	824,0205688	44136,51563
07-01-2021	14:06:43	222301,8125	824,9212646	178164,4688	824,0205688	44137,34375
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07-01-2021	14:07:18	222209,7813	824,9058228	178360,3281	824,0285034	43849,45313
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07-01-2021	14:08:18	222790,5625	824,8914185	179069,4219	824,0433335	43721,14063
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07-01-2021	14:08:33	222530,2188	824,9667358	178170,2813	823,9926147	44359,9375
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07-01-2021	14:08:43	221958,2813	824,9570923	178591,4688	824,0389404	43366,8125
07-01-2021	14:08:48	222167,5781	824,8884888	178320,0156	823,9639893	43847,5625
07-01-2021	14:08:53	222646,7031	824,8884888	179038,2656	823,9639893	43608,4375
07-01-2021	14:08:58	222308,3906	824,8950195	178449,0938	824,032959	43859,29688
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07-01-2021	14:09:13	221827,5469	824,8943481	178107,5156	824,0671997	43720,03125
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07-01-2021	14:09:23	222152,6875	824,9293213	178207,375	824,0478516	43945,3125
07-01-2021	14:09:28	222461,5469	824,8446655	178734,0469	824,0496826	43727,5
07-01-2021	14:09:33	221933,4844	824,8446655	177965,9531	824,0496826	43967,53125
07-01-2021	14:09:38	222881,3281	824,87854	178974,5781	824,0385132	43906,75
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07-01-2021	14:10:08	222492,0156	824,8908081	178734,25	824,0430298	43757,76563
07-01-2021	14:10:13	221716,7656	824,9241333	177629,5469	824,0595093	44087,21875
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07-01-2021	14:10:33	222724,8594	824,9161377	178784,7656	824,0270386	43940,09375
07-01-2021	14:10:38	222102,2656	824,9205322	178062,2813	824,043396	44039,98438
07-01-2021	14:10:43	222821,625	824,9205322	178780,4688	824,043396	44041,15625
07-01-2021	14:10:48	221957,7031	824,9273682	178056,9219	824,0690308	43900,78125
07-01-2021	14:10:53	222767,9844	824,9418335	178919,875	824,0634155	43848,10938
07-01-2021	14:10:58	222064,7969	824,8831177	178156,6719	824,0499878	43908,125
07-01-2021	14:11:03	222400,4531	824,8831177	178779,1094	824,0499878	43621,34375
07-01-2021	14:11:08	222167,875	824,8642578	178252,4844	824,0498047	43915,39063
07-01-2021	14:11:13	223312,5781	824,8825073	179305,0469	824,0536499	44007,53125
07-01-2021	14:11:18	222023,125	824,8658447	178356,1094	824,0085449	43667,01563
07-01-2021	14:11:23	221735,9531	824,8658447	177829,4219	824,0085449	43906,53125
07-01-2021	14:11:28	222393,8281	824,9141235	178379,0625	824,12677	44014,76563
07-01-2021	14:11:33	222054,9844	824,9286499	177959,6406	824,0721436	44095,34375
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07-01-2021	14:11:48	222544,1094	824,8864136	178687,2344	824,0274658	43856,875
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07-01-2021	14:11:58	222302,2344	824,9118652	178434,6094	824,090271	43867,625
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07-01-2021	14:12:33	222730,9063	824,9073486	178776,8594	824,1071777	43954,04688
07-01-2021	14:12:38	222060,7656	824,9052734	178191,625	824,1071777	43869,14063
07-01-2021	14:12:43	222107,9688	824,9099731	178334,3438	824,1116943	43773,625
07-01-2021	14:12:48	221929,9219	824,8584595	178046,6719	824,1135254	43883,25
07-01-2021	14:12:53	222648,4063	824,8584595	178477,5625	824,1135254	44170,84375
07-01-2021	14:12:58	221820,4219	824,9106445	178055,9063	824,0735474	43764,51563
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07-01-2021	14:13:13	222786,7031	824,8789063	179004,4531	824,1164551	43782,25
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07-01-2021	14:13:28	222016,0938	824,8913574	178197,6875	824,0385132	43818,40625
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07-01-2021	14:13:48	222295,4063	824,9376831	178477,9063	824,0859375	43817,5
07-01-2021	14:13:53	221908,8281	824,9376831	177908,7969	824,0859375	44000,03125
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07-01-2021	14:14:18	222782,2031	824,8945313	179014,6094	824,0605469	43767,59375
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07-01-2021	14:14:43	221776,9063	824,8899536	177803,2031	824,0965576	43973,70313

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07-01-2021	14:17:13	221863,375	824,9036865	178431,9688	824,0879517	43431,40625
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07-01-2021	14:17:28	222390,7031	824,9056396	178385,8906	824,0756226	44004,8125
07-01-2021	14:17:33	222391,0313	824,9056396	179008,2969	824,0756226	43382,73438
07-01-2021	14:17:38	222760,625	824,951355	178818,7344	824,0665894	43941,89063
07-01-2021	14:17:43	222101,1875	824,9090576	177992,9219	824,1231079	44108,26563
07-01-2021	14:17:48	223195,9063	824,9354858	179190,625	824,0950928	44005,28125
07-01-2021	14:17:53	222477,4375	824,9354858	178334,7344	824,0950928	44142,70313
07-01-2021	14:17:58	222490,5156	824,8831177	178589,8125	824,0170898	43900,70313
07-01-2021	14:18:03	222203,5156	824,8808594	178110,7188	824,0223389	44092,79688
07-01-2021	14:18:08	223113,7969	824,8757324	178780,2344	824,0050659	44333,5625
07-01-2021	14:18:13	222013,4063	824,8757324	178065,6875	824,0050659	43947,71875
07-01-2021	14:18:18	222929,125	824,8527222	179157,4688	824,0496826	43771,65625
07-01-2021	14:18:23	222191,2969	824,9255371	178245,9219	824,0623779	43945,375
07-01-2021	14:18:28	222287,5469	824,9255371	178341,75	824,0623779	43945,79688
07-01-2021	14:18:33	222682,7813	824,8786011	178480,2969	824,0864868	44202,48438
07-01-2021	14:18:38	221716,4375	824,9146118	177858,9063	824,0852661	43857,53125
07-01-2021	14:18:43	222482,8125	824,9049072	178617,0313	824,1228638	43865,78125
07-01-2021	14:18:48	221575,125	824,9049072	177657,8594	824,1228638	43917,26563
07-01-2021	14:18:53	222584,3281	824,8914795	178582,625	824,0512695	44001,70313
07-01-2021	14:18:58	222016,1875	824,8673096	178001,9688	824,0799561	44014,21875
07-01-2021	14:19:03	222591,0313	824,8673096	178720,2188	824,0747681	43870,8125
07-01-2021	14:19:08	221864,7031	824,8972168	177955,2344	824,0747681	43909,46875
07-01-2021	14:19:13	222381,5156	824,9367676	178727,1875	824,046814	43654,32813
07-01-2021	14:19:18	221829,2188	824,8500977	178010,2344	824,0372314	43818,98438
07-01-2021	14:19:23	222835,1094	824,8500977	179159,3906	824,0372314	43675,71875
07-01-2021	14:19:28	222392,0156	824,8943481	178493,2656	824,0172729	43898,75
07-01-2021	14:19:33	221671,4531	824,9024658	177711	824,0980225	43960,45313
07-01-2021	14:19:38	222050,9844	824,9170532	178148,4688	824,0667114	43902,51563
07-01-2021	14:19:43	221764,0625	824,9170532	178339,9375	824,0667114	43424,125
07-01-2021	14:19:48	222478,8594	824,9295654	178440,7344	824,0429688	44038,125
07-01-2021	14:19:53	221809,5625	824,921875	177889,1719	824,161438	43920,39063
07-01-2021	14:19:58	222238,6094	824,928894	178415,7656	824,0939941	43822,84375
07-01-2021	14:20:03	221855,625	824,928894	177951,2188	824,0939941	43904,40625
07-01-2021	14:20:08	221816,2188	824,8969727	177996,4844	824,1063843	43819,73438
07-01-2021	14:20:13	223154,0313	824,9076538	179042,2188	824,1420288	44111,8125
07-01-2021	14:20:18	221956,5	824,9058228	178180,5156	823,9812622	43775,98438
07-01-2021	14:20:23	221716,8906	824,9058228	178118,5625	823,9812622	43598,32813
07-01-2021	14:20:28	222255,6094	824,8607178	178387,5313	824,0684814	43868,07813
07-01-2021	14:20:33	221844,6406	824,9667969	177949,0938	824,104248	43895,54688
07-01-2021	14:20:38	222275,5625	824,9667969	178475,7344	824,104248	43799,82813
07-01-2021	14:20:43	221860,1406	824,9086914	177906,625	824,0748291	43953,51563
07-01-2021	14:20:48	222245,8906	824,8978271	178433,6406	824,0730591	43812,25
07-01-2021	14:20:53	221862,8438	824,885498	177859,1406	824,0981445	44003,70313
07-01-2021	14:20:58	222201,25	824,885498	178332,6094	824,0981445	43868,64063
07-01-2021	14:21:03	221764,9063	824,9058228	178335,5313	824,0805664	43429,375
07-01-2021	14:21:08	222391,9219	824,8860474	178524,9375	824,0905151	43866,98438
07-01-2021	14:21:13	221865,2656	824,8860474	177950,4063	824,1262817	43914,85938
07-01-2021	14:21:18	222953,6719	824,9380493	179044,8438	824,1262817	43908,82813
07-01-2021	14:21:23	222483,7344	824,9019165	178285,8125	824,0966187	44197,92188
07-01-2021	14:21:28	221729,9531	824,8551025	177663,5938	824,0924683	44066,35938
07-01-2021	14:21:33	222400,5625	824,8551025	178477,5156	824,0924683	43923,04688
07-01-2021	14:21:38	221772,25	824,8780518	177798,875	824,1320801	43973,375
07-01-2021	14:21:43	222959,4688	824,9159546	179012,5469	824,0526733	43946,92188
07-01-2021	14:21:48	222193,0625	824,9154663	178274,625	824,1461792	43918,4375
07-01-2021	14:21:53	221906,1094	824,9154663	178609,7969	824,1461792	43296,3125
07-01-2021	14:21:58	222583,2656	824,8895264	178656,0469	824,1538696	43927,21875
07-01-2021	14:22:03	222098,0469	824,9139404	177949,5781	824,0984497	44148,46875
07-01-2021	14:22:08	223143,9063	824,9353027	179385,8594	824,1184082	43758,04688
07-01-2021	14:22:13	222329,7031	824,9353027	178661,9375	824,1184082	43667,76563
07-01-2021	14:22:18	221867,9375	824,8757324	178047,9375	824,0784302	43820
07-01-2021	14:22:23	222333,1406	824,930542	178340,125	824,0549927	43993,01563
07-01-2021	14:22:28	222476,7344	824,9226685	178962,5781	824,0549927	43514,15625

07-01-2021	14:22:33	222190,1406	824,9226685	178145,4063	824,0706177	44044,73438
07-01-2021	14:22:38	221619,9219	824,9059448	177756,7031	824,09729	43863,21875
07-01-2021	14:22:43	222290,2656	824,8878174	178328,3906	824,1110229	43961,875
07-01-2021	14:22:48	221624,7031	824,8878174	177658,0938	824,1110229	43966,60938
07-01-2021	14:22:53	222397	824,8659668	178338,0156	824,0650635	44058,98438
07-01-2021	14:22:58	222573,7656	824,9187012	178717,7031	824,0809937	43856,0625
07-01-2021	14:23:03	222574,3906	824,9187012	178382,5156	824,0872803	44191,875
07-01-2021	14:23:08	221918,0313	824,8662109	177806,7031	824,0872803	44111,32813
07-01-2021	14:23:13	222199,1563	824,8903198	178049,9531	824,0689697	44149,20313
07-01-2021	14:23:18	223165,0625	824,8636475	179242,9531	824,0875244	43922,10938
07-01-2021	14:23:23	222638,1406	824,8636475	178429,0781	824,0875244	44209,0625
07-01-2021	14:23:28	222059,8281	824,8771973	178036,0938	824,1348877	44023,73438
07-01-2021	14:23:33	222565,5781	824,9569702	178575,8438	824,0687866	43989,73438
07-01-2021	14:23:38	221855,1875	824,9265137	177895,4375	824,1170654	43959,75
07-01-2021	14:23:43	222573,6563	824,9265137	178565,6563	824,1170654	44008
07-01-2021	14:23:48	221727,0156	824,8670654	177803,6719	824,0977783	43923,34375
07-01-2021	14:23:53	222525,7969	824,9172974	178571,8281	824,0878296	43953,96875
07-01-2021	14:23:58	221617,9063	824,9055176	177806,6875	824,0836182	43811,21875
07-01-2021	14:24:03	222193,8125	824,9055176	178237,5938	824,0836182	43956,21875
07-01-2021	14:24:08	221660,5313	824,9315796	177751,875	824,1207275	43908,65625
07-01-2021	14:24:13	222868,1875	824,8909302	178864,1563	824,0675659	44004,03125
07-01-2021	14:24:18	222004,9531	824,8625488	177953,7344	824,1337891	44051,21875
07-01-2021	14:24:23	221820,9219	824,8625488	178322,7656	824,1337891	43498,15625
07-01-2021	14:24:28	221998,1719	824,9174194	178087,7969	824,112793	43910,375
07-01-2021	14:24:33	221816,6406	824,8799438	178228,4688	824,1270752	43588,17188
07-01-2021	14:24:38	222534,9375	824,8799438	178706,375	824,1270752	43828,5625
07-01-2021	14:24:43	222061,875	824,855298	178029,1719	824,1600952	44032,70313
07-01-2021	14:24:48	221957,7344	824,888916	178031,9531	824,1470337	43925,78125
07-01-2021	14:24:53	222197,1406	824,8761597	178034,7344	824,133667	44162,40625
07-01-2021	14:24:58	222057,2969	824,8761597	178081,8594	824,133667	43975,4375
07-01-2021	14:25:03	222673,3125	824,8959961	178472,7031	824,0962524	44200,60938
07-01-2021	14:25:08	221609,4531	824,9356689	177687,9375	824,1821899	43921,51563
07-01-2021	14:25:13	222136,2031	824,9356689	178215,2344	824,1970825	43920,96875
07-01-2021	14:25:18	222038,2188	824,9437866	178307,8906	824,1970825	43730,32813
07-01-2021	14:25:23	222193,2969	824,8995361	177985,1875	824,1376953	44208,10938
07-01-2021	14:25:28	221562,9688	824,9299316	177745,5	824,1395874	43817,46875
07-01-2021	14:25:33	222423,7969	824,9299316	178272,1094	824,1395874	44151,6875
07-01-2021	14:25:38	221713,6875	824,8988647	177873,3594	824,2144775	43840,32813
07-01-2021	14:25:43	222276,0313	824,9425049	178182,4531	824,1143799	44093,57813
07-01-2021	14:25:48	221603,8906	824,949707	177649,1719	824,145752	43954,71875
07-01-2021	14:25:53	222800,9063	824,949707	178654,5469	824,145752	44146,35938
07-01-2021	14:25:58	222194,5156	824,8880005	178077,4531	824,1583252	44117,0625
07-01-2021	14:26:03	222955,1875	824,9099731	179181,0313	824,1461792	43774,15625
07-01-2021	14:26:08	222666,9063	824,9129639	178797,2969	824,1566772	43869,60938
07-01-2021	14:26:13	222236,1875	824,9129639	178029,125	824,1566772	44207,0625
07-01-2021	14:26:18	222872,6094	824,8605347	178696,3594	824,1707764	44176,25
07-01-2021	14:26:23	222009,1563	824,8658447	177924,6406	824,1984253	44084,51563
07-01-2021	14:26:28	222632,4531	824,883606	178690,5469	824,1984253	43941,90625
07-01-2021	14:26:33	221909,2344	824,883606	177740,875	824,1618042	44168,35938
07-01-2021	14:26:38	222273,1875	824,9572754	178612,3281	824,1118774	43660,85938
07-01-2021	14:26:43	221890,1406	824,9534912	177894,7813	824,1052856	43995,35938
07-01-2021	14:26:48	222370	824,9534912	178470,0781	824,1052856	43899,92188
07-01-2021	14:26:53	221759,5938	824,9064331	177848,8594	824,0996704	43910,73438
07-01-2021	14:26:58	221818	824,8633423	177993,6406	824,0939941	43824,35938
07-01-2021	14:27:03	222009,6094	824,9194946	178616,0938	824,121582	43393,51563
07-01-2021	14:27:08	221852,8906	824,9194946	177987,9219	824,121582	43864,96875
07-01-2021	14:27:13	221899,1406	824,927002	178652,5781	824,1477661	43246,5625
07-01-2021	14:27:18	222200,2031	824,8692627	178176,5156	824,1353149	44023,6875
07-01-2021	14:27:23	221433,9063	824,8692627	177554,1719	824,1353149	43879,73438
07-01-2021	14:27:28	222480,3906	824,8969116	178500,6875	824,1831665	43979,70313
07-01-2021	14:27:33	222340,5625	824,883667	178176,2813	824,1325684	44164,28125
07-01-2021	14:27:38	222767,75	824,8986816	178848,0625	824,125	43919,6875
07-01-2021	14:27:43	222192,6406	824,8986816	178273,5781	824,125	43919,0625
07-01-2021	14:27:48	221897,7344	824,9280396	178034,4531	824,1240234	43863,28125
07-01-2021	14:27:53	222486,8906	824,8721924	178450,7969	824,192688	44036,09375
07-01-2021	14:27:58	221563,1406	824,9246216	177791,1563	824,1427612	43771,98438
07-01-2021	14:28:03	222379,4688	824,9246216	178652,8125	824,1427612	43726,65625
07-01-2021	14:28:08	221903,0469	824,9146118	177993,875	824,0892944	43909,17188
07-01-2021	14:28:13	222321,9688	824,9572754	178528,7031	824,050293	43793,26563
07-01-2021	14:28:18	221998,3125	824,9135742	178097,8438	824,1640625	43900,46875
07-01-2021	14:28:23	221901,5938	824,9135742	178887,6719	824,1640625	43013,92188
07-01-2021	14:28:28	222660,5781	824,9404907	178707,7813	824,109375	43952,79688
07-01-2021	14:28:33	221850,4688	824,9244385	177849,3125	824,0977783	44001,15625
07-01-2021	14:28:38	222043,4219	824,9281006	178184,4531	824,0977783	43858,96875
07-01-2021	14:28:43	221658,4375	824,9281006	178373,3594	824,1019287	43285,07813
07-01-2021	14:28:48	221951,7969	824,9049683	178082,7031	824,1148682	43869,09375
07-01-2021	14:28:53	222095,6094	824,9157104	178616,9688	824,0819092	43478,64063
07-01-2021	14:28:58	222188,2969	824,9157104	178186,0781	824,0819092	44002,21875
07-01-2021	14:29:03	221610,4063	824,9316406	177653,1563	824,1121216	43957,25
07-01-2021	14:29:08	222179,7656	824,9552612	178278,3125	824,0987549	43901,45313
07-01-2021	14:29:13	221701,2188	824,9271851	177655,9688	824,1272583	44045,25
07-01-2021	14:29:18	222521,4531	824,9271851	178608,2344	824,1272583	43913,21875
07-01-2021	14:29:23	221991,2031	824,9405518	177937,2813	824,1269531	44053,92188
07-01-2021	14:29:28	222420,2188	824,9487915	178460,1563	824,1445313	43960,0625
07-01-2021	14:29:33	221893,2969	824,9487915	177789,9375	824,1445313	44103,35938
07-01-2021	14:29:38	222281,3281	824,9302979	178120,25	824,1673584	44161,07813
07-01-2021	14:29:43	221508,8594	824,9572754	178273,3438	824,1224365	43235,51563
07-01-2021	14:29:48	222476,1563	824,9204712	178599,5938	824,1607056	43876,5625
07-01-2021	14:29:53	222093,0313	824,9204712	177737,9219	824,1607056	44355,10938
07-01-2021	14:29:58	222958,3125	824,9102783	178891,3125	824,1392822	44067
07-01-2021	14:30:03	222375,6563	824,9396973	178317,2656	824,1376953	44058,39063

Análisis de Combustible

Escalón		323MW	300MW	285MW	270MW	255MW	240MW	225MW
Poder Calorífico Superior	Btu/lb	19.673	19.674	19.673	19.677	19.679	19.673	19.681
	kcal/kg	10.929	10.930	10.929	10.932	10.933	10.929	10.934
Poder Calorífico Inferior	Btu/lb	18.452	18.452	18.451	18.454	18.456	18.452	18.458
	kcal/kg	10.251	10.251	10.251	10.252	10.253	10.251	10.254
Densidad	kg/m3	836,5	836,4	836,3	836,0	835,6	835,3	835,2

**Potencia Bruta CA
221MW**

PROMEDIO			16.207.618	7.850	206.933	75.682.239	93,91	50,01
DESVEST			16.361.569	39.741	430.999	2.862.040	0,422	0,053
% DESVEST			0,10%	0,51%	0,21%	3,78%	0,45%	0,11%
DATOS			61	61	61	61	61	61

Tiempo	1:00:00	206.982	75.644
		206.982 kW	

Date	Time	kWh del int	kVARh del int	Vll avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07-01-2021	08:15	3450,3938	1246,7678	16214459	7863,4116	207537,33	75458891	93,980682	49,988609
07-01-2021	08:16	3451,1323	1252,3248	16217129	7842,1196	206906,72	75547359	93,934273	49,978832
07-01-2021	08:17	3449,1453	1244,8282	16214818	7855,686	207415,95	75169359	94,016357	49,953716
07-01-2021	08:18	3446,7258	1231,3022	16221648	7775,2661	206603,34	70966156	94,576218	49,915623
07-01-2021	08:19	3446,6619	1201,2231	16218980	7794,3291	206607,36	72478047	94,362251	49,905891
07-01-2021	08:20	3448,8709	1197,4987	16218490	7809,8252	207145,09	72235406	94,423492	49,937054
07-01-2021	08:21	3448,6777	1183,3967	16219095	7774,3906	207155,3	69151609	94,854607	50,020317
07-01-2021	08:22	3451,6428	1157,3524	16215215	7801,1333	207304,61	70893641	94,620079	49,95562
07-01-2021	08:23	3449,3037	1178,0389	16219563	7753,4624	206578,64	69041789	94,843201	50,001003
07-01-2021	08:24	3450,4465	1168,861	16218281	7788,5527	207167,73	70328563	94,692375	50,00309
07-01-2021	08:25	3451,0657	1181,6288	16218142	7788,9683	206886,95	71178211	94,560112	50,017136
07-01-2021	08:26	3448,1938	1223,0558	16219519	7809,0059	206894,02	72919734	94,313568	50,046005
07-01-2021	08:27	3450,5576	1236,3673	16216042	7844,8208	207321,8	74573844	94,09771	50,022663
07-01-2021	08:28	3452,6006	1253,9396	16218917	7862,2295	207290,94	76207398	93,858223	49,966038
07-01-2021	08:29	3452,4778	1242,0192	16224591	7835,0654	206554,02	76215445	93,817123	49,946678
07-01-2021	08:30	3448,3047	1265,9011	16207055	7867,793	207453,7	75746016	93,934425	50,035576
07-01-2021	08:31	3447,0703	1278,4227	16233646	7792,6782	205670,83	75527602	93,870659	49,942707
07-01-2021	08:32	3448,1931	1267,9131	16218900	7836,6099	206655,02	75852281	93,876606	49,976749
07-01-2021	08:33	3448,5386	1296,1831	16219949	7871,1045	206982,2	77792992	93,606926	49,937004
07-01-2021	08:34	3449,3105	1288,8718	16215400	7901,1729	207294,66	79181055	93,417007	49,948109
07-01-2021	08:35	3450,2937	1272,9824	16214413	7854,7983	207619,22	74519914	94,120918	50,051804
07-01-2021	08:36	3452,1021	1262,1482	16221310	7819,0083	206301,59	75479258	93,911835	49,99456
07-01-2021	08:37	3451,6792	1258,0537	16211724	7860,9414	207451,25	75375438	93,988274	50,031204
07-01-2021	08:38	3451,8896	1242,83	16215271	7841,7134	207010,92	75145148	93,998512	50,002495
07-01-2021	08:39	3451,6975	1233,4806	16215492	7848,9302	207657,95	73952898	94,204422	50,011284
07-01-2021	08:40	3450,0288	1237,0099	16219940	7829,0762	207409,8	73165625	94,304428	50,085339
07-01-2021	08:41	3451,5693	1233,8151	16214337	7838,7114	206825,41	75364250	93,956703	50,017906
07-01-2021	08:42	3448,7402	1250,9879	16217475	7860,1953	207495,84	75417180	93,984558	50,065197
07-01-2021	08:43	3450,5554	1248,0994	16219272	7836,5938	206925,81	75117234	93,998077	50,040714
07-01-2021	08:44	3450,0791	1229,0909	16217427	7804,209	207228,16	71473008	94,535187	50,131172
07-01-2021	08:45	3452,1191	1216,4253	16221373	7820,5322	206646,75	74648797	94,051559	50,017586
07-01-2021	08:46	3450,8352	1245,9863	16214777	7867,4971	207426,67	76099422	93,88134	49,998455
07-01-2021	08:47	3449,4861	1261,7565	16221361	7837,0073	206849,78	75449875	93,945488	50,039082
07-01-2021	08:48	3449,7502	1255,7402	16220523	7801,7256	206286,25	74041281	94,120949	50,060085
07-01-2021	08:49	3450,3386	1254,9832	16215978	7848,3232	206798,89	76298719	93,818161	50,035324
07-01-2021	08:50	3448,8105	1272,689	16215150	7849,3853	206516,45	77112422	93,682228	49,995213
07-01-2021	08:51	3448,3696	1260,4828	16218308	7833,3022	207061,7	74437352	94,10392	50,065529
07-01-2021	08:52	3449,8491	1255,2656	16220563	7832,5728	205891,25	77644195	93,567764	49,931835
07-01-2021	08:53	3446,9238	1291,0994	16216315	7863,5127	206742,22	77672398	93,61145	49,978386
07-01-2021	08:54	3447,5894	1323,9342	16221943	7874,9111	206928,61	78309602	93,526787	50,048363
07-01-2021	08:55	3451,0134	1331,5021	16218278	7912,6807	207222,73	80362875	93,234428	49,992317
07-01-2021	08:56	3451,02	1325,6599	16214762	7921,7461	207070,28	81328094	93,078354	49,951439
07-01-2021	08:57	3446,5928	1342,3716	16186839	7876,0361	206941,05	77006648	93,721397	50,056545
07-01-2021	08:58	3450,218	1293,0847	16186973	7889,8784	206822,11	78435109	93,501953	50,017292
07-01-2021	08:59	3450,7041	1300,2423	16190704	7856,3037	206319,41	77241469	93,652054	50,00333
07-01-2021	09:00	3449,3457	1305,3032	16184026	7927,5723	207533,16	79418398	93,39505	50,038345
07-01-2021	09:01	3450,2178	1318,9012	16184304	7904,4629	207168,59	78572828	93,500999	50,049488
07-01-2021	09:02	3450,99	1325,469	16186041	7941,1836	206845,06	82312148	92,91349	49,907417
07-01-2021	09:03	3446,7898	1301,1827	16185660	7870,9971	206800,08	76938047	93,723785	50,015499
07-01-2021	09:04	3448,019	1350,3713	16194091	7886,1699	205605,34	81541914	92,956436	49,91983
07-01-2021	09:05	3448,2075	1294,4327	16185420	7882,1992	206814,91	77785172	93,598717	50,00145
07-01-2021	09:06	3448,6321	1262,3466	16185923	7843,4546	206855,27	74553836	94,076279	50,037842
07-01-2021	09:07	3449,1272	1252,7496	16183818	7845,2183	206745,44	74917656	94,017624	50,059395
07-01-2021	09:08	3452,7932	1250,8447	16186122	7870,6152	206762,05	77028219	93,708328	49,999165
07-01-2021	09:09	3449,5518	1249,3622	16186189	7849,7285	207176,94	74187781	94,145943	50,107796
07-01-2021	09:10	3451,6323	1248,4666	16184269	7857,9009	207203,2	74713680	94,071289	50,093525
07-01-2021	09:11	3449,0176	1251,7913	16185235	7860,9434	206866,61	75928766	93,876236	50,069183
07-01-2021	09:12	3448,7017	1263,8414	16186171	7856,6118	206882,09	75569008	93,929787	50,088947
07-01-2021	09:13	3449,22	1284,9939	16186853	7887,6826	206932,81	77959078	93,579391	50,089981
07-01-2021	09:14	3449,321	1325,2208	16182422	7930,4888	207151,47	80562086	93,199982	50,095665
07-01-2021	09:15	3449,3125	1309,6653	16157809	7882,7559	206694,19	77064367	93,699211	50,060356

Potencia Bruta CA 208MW

PROMEDIO			16.091.746	7.355	194.367	64.958.187	94,83	50,08
DESV EST			3.344,690	49,036	434,028	4.156.434	0,613	0,051
% DESV EST			0,02%	0,67%	0,22%	6,40%	0,65%	0,10%
DATOS			61	61	61	61	61	61

Tiempo	1:00:00	194.332	64.876
		194.332	kW

Date	Time	kWh del int	kVARh del int	VII avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07.01.2021	09:45	3239,9536	1116,5756	16088915	7401,1602	194379,05	68915914	94,251526	50,05619
07.01.2021	09:46	3238,5691	1128,6718	16089995	7385,853	194247,63	68049648	94,376289	50,069046
07.01.2021	09:47	3238,1523	1133,6869	16089494	7390,2637	194518,25	67626781	94,45446	50,10173
07.01.2021	09:48	3238,448	1135,0101	16090443	7388,9932	194484,28	67651141	94,449013	50,112736
07.01.2021	09:49	3240,5469	1109,172	16094679	7340,4121	193885	65394527	94,755394	50,122303
07.01.2021	09:50	3239,572	1085,9019	16089199	7354,6226	194493,94	64602879	94,901718	50,12022
07.01.2021	09:51	3237,5862	1097,6588	16092836	7354,0449	194156,39	65706797	94,722733	50,111374
07.01.2021	09:52	3239,7671	1092,3456	16088135	7395,2725	194781,13	67243148	94,525742	50,093269
07.01.2021	09:53	3237,717	1096,7754	16090873	7374,5972	194634,94	65997914	94,703636	50,153397
07.01.2021	09:54	3238,948	1087,0159	16091741	7346,7119	193980,66	65541695	94,738388	50,102108
07.01.2021	09:55	3238,2307	1108,7856	16091518	7355,7383	194334,25	65274336	94,795456	50,157314
07.01.2021	09:56	3237,7373	1139,0471	16090979	7385,7051	194258,7	68036219	94,378914	50,101761
07.01.2021	09:57	3238,1299	1144,2322	16091172	7410,019	194823,23	68482414	94,341316	50,146812
07.01.2021	09:58	3238,6299	1171,4	16096365	7393,0254	193717,69	70360563	93,992149	50,105373
07.01.2021	09:59	3240,292	1169,7827	16084845	7464,3994	194854,25	72587961	93,708969	50,076756
07.01.2021	10:00	3237,3064	1170,2677	16092070	7426,9033	194554,59	70663180	93,992363	50,143177
07.01.2021	10:01	3238,0242	1178,3312	16093561	7404,6592	193845,72	70847492	93,923485	50,111694
07.01.2021	10:02	3238,7473	1167,0129	16090550	7429,6343	194548,97	70845250	93,963791	50,106045
07.01.2021	10:03	3238,4133	1171,9623	16091924	7418,647	194509,08	70112570	94,074966	50,14328
07.01.2021	10:04	3238,5811	1170,5074	16090775	7418,6841	194432,19	70281758	94,044548	50,125725
07.01.2021	10:05	3239,2314	1140,8661	16091203	7363,0669	194002,63	66871141	94,541252	50,151268
07.01.2021	10:06	3237,4604	1143,2699	16092435	7419,2251	194468,11	70296258	94,044312	50,142994
07.01.2021	10:07	3237,7563	1170,1514	16085438	7445,1909	194563,78	71869414	93,804871	50,130966
07.01.2021	10:08	3237,8289	1183,1824	16089204	7431,5586	193968,97	72521742	93,667259	50,092175
07.01.2021	10:09	3238,5083	1185,0344	16097594	7425,46	193999,83	72260414	93,710426	50,096745
07.01.2021	10:10	3238,6062	1186,9889	16091961	7423,9668	194347,16	70983617	93,930832	50,129379
07.01.2021	10:11	3237,6584	1187,8107	16101044	7370,2842	193670,44	68797211	94,231201	50,132767
07.01.2021	10:12	3239,2617	1117,1799	16091651	7330,001	193940,81	64185563	94,935867	50,084377
07.01.2021	10:13	3239,1768	1038,2429	16091627	7317,4336	195600,47	57713898	95,912041	50,154442
07.01.2021	10:14	3240,5083	959,491455	16096826	7246,9307	193862,53	56889160	95,95385	50,099178
07.01.2021	10:15	3239,0171	994,983093	16090555	7311,4346	194373,02	61103359	95,397308	50,084923
07.01.2021	10:16	3240,1541	1012,7896	16086556	7337,8574	194702,17	62334859	95,238129	50,091244
07.01.2021	10:17	3239,2065	1017,5157	16094547	7292,2158	194061,39	60479930	95,470978	50,105324
07.01.2021	10:18	3239,0842	1017,8308	16095647	7322,2183	194842,47	60819035	95,457649	50,073372
07.01.2021	10:19	3239,1899	1013,6036	16091336	7318,6084	194663,25	60890367	95,439888	50,084175
07.01.2021	10:20	3239,2124	1005,4873	16087241	7317,9492	195447,52	58086395	95,856262	50,144066
07.01.2021	10:21	3239,3704	972,177612	16093022	7284,4844	194574,5	58003953	95,83242	50,101551
07.01.2021	10:22	3238,6128	1010,9738	16094610	7277,2813	193552,66	60702254	95,417488	50,058632
07.01.2021	10:23	3239,1348	1023,4219	16099209	7288,2925	193960,16	60630586	95,445473	50,086704
07.01.2021	10:24	3239,8459	1029,6896	16096022	7304,208	193873,89	62248043	95,212662	50,045357
07.01.2021	10:25	3238,4692	1039,5248	16095794	7296,3403	193688,02	62105465	95,224518	50,073162
07.01.2021	10:26	3238,3149	1043,53	16090709	7337,3525	194364,56	63518480	95,052971	50,036083
07.01.2021	10:27	3239,9277	1046,116	16090901	7345,749	194615,92	63508691	95,066216	50,056461
07.01.2021	10:28	3237,8936	1043,0251	16091856	7344,9902	194940,44	62478098	95,22863	50,084438
07.01.2021	10:29	3239,7681	1046,7672	16090815	7338,8091	194290,58	63875391	94,997803	50,021225
07.01.2021	10:30	3238,7908	1049,8552	16094246	7335,5171	194326,19	63614051	95,037346	50,030548
07.01.2021	10:31	3238,4194	1055,2937	16087660	7365,2207	195330,17	62930090	95,182198	50,082588
07.01.2021	10:32	3239,5286	1045,2672	16088834	7334,772	194787,72	61888906	95,305153	50,063583
07.01.2021	10:33	3239,7283	1004,6454	16094547	7273,4492	193892,17	59264648	95,632423	50,060307
07.01.2021	10:34	3239,8889	1000,3385	16094814	7280,6147	193868,72	60033871	95,524849	50,050125
07.01.2021	10:35	3239,2908	1001,9026	16092217	7296,4722	194304,63	60010152	95,546875	50,059895
07.01.2021	10:36	3239,0715	1005,8322	16095102	7289,1973	193940,16	60620707	95,445976	50,011417
07.01.2021	10:37	3240,7795	1009,4534	16093389	7346,2861	194296,14	64624117	94,889008	49,972572
07.01.2021	10:38	3235,8188	1057,4119	16093529	7335,103	194623,7	62621602	95,193733	50,067768
07.01.2021	10:39	3240,2764	1060,1172	16088207	7333,9033	194082	63952352	94,976646	50,001049
07.01.2021	10:40	3239,4927	1067,4988	16088417	7345,042	194066,98	64994770	94,82341	49,959351
07.01.2021	10:41	3239,1052	1064,193	16089162	7359,7026	194640,03	64596547	94,909714	49,988258
07.01.2021	10:42	3236,2842	1080,7809	16092388	7340,855	194594,47	63190016	95,111046	50,018486
07.01.2021	10:43	3240,2295	1066,7494	16089295	7355,7832	194598,61	64382984	94,93882	49,994808
07.01.2021	10:44	3239,3748	1063,1567	16093610	7324,728	194143,58	63174832	95,092148	49,978058
07.01.2021	10:45	3239,7815	1056,0222	16083200	7383,6357	195078,34	65154238	94,849625	49,967632

Potencia Bruta CA 196MW

PROMEDIO			16.092.484	6.997	184.327	63.672.137	95	50
DESV EST			3.251,221	40,018	585,047	2.504.189,954	0,389	0,030
% DESV EST			0,02%	0,57%	0,32%	3,93%	0,41%	0,06%
DATOS			31	31	31	31	31	31

Tiempo	0:30:00	92.174	31.791
		184.348 kW	

Date	Time	kWh del int	kVARh del int	Vll avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07-01-2021	11:00	3071,8643	1078,7269	16093396	7012,1201	184.592,80	64223793	94,446884	49,985241
07-01-2021	11:01	3072,4377	1078,8165	16093342	7010,5459	184.285,83	64960078	94,312195	49,930206
07-01-2021	11:02	3072,4507	1062,684	16092900	6994,6978	184.347,55	63429688	94,559158	49,978359
07-01-2021	11:03	3073,6023	1050,167	16094468	6978,4448	184.015,02	63066719	94,598404	49,93911
07-01-2021	11:04	3071,8296	994,049438	16096502	6903,0938	183.786,19	57084223	95,499481	50,008579
07-01-2021	11:05	3072,2629	997,415771	16096236	6943,8511	183.794,63	60763938	94,945679	49,940113
07-01-2021	11:06	3073,0244	1038,3871	16091834	7002,7319	184.564,48	63437652	94,569664	49,937477
07-01-2021	11:07	3072,6563	1033,6598	16094393	6969,0688	184.308,75	61372098	94,878235	49,973049
07-01-2021	11:08	3072,1592	1047,3785	16094240	6985,5527	184.112,98	63383215	94,553749	49,930603
07-01-2021	11:09	3071,5159	1045,9989	16090563	6986,0645	184.486,84	62196270	94,759811	49,943222
07-01-2021	11:10	3073,1265	1037,9789	16097255	6961,7886	183.729,52	62574020	94,660622	49,925373
07-01-2021	11:11	3072,8184	1037,4756	16094146	6972,4146	184.177,84	62054371	94,765686	49,941936
07-01-2021	11:12	3072,6902	1051,1292	16090727	7016,1289	184.562,72	64560527	94,39164	49,912796
07-01-2021	11:13	3072,2271	1056,6249	16089732	7007,0562	184.412,33	64185840	94,44294	49,938663
07-01-2021	11:14	3075,2312	1014,928	16084798	7010,8594	184.933,75	62810480	94,687721	49,957287
07-01-2021	11:15	3067,3528	1062,8761	16094489	6964,709	183.812,44	62474816	94,680634	49,991386
07-01-2021	11:16	3072,9548	1054,7009	16097059	6944,1641	184.021,73	60140441	95,052658	50,013435
07-01-2021	11:17	3075,2534	1015,4234	16092152	6978,7241	184.373,25	61953105	94,791649	49,969128
07-01-2021	11:18	3071,8491	1031,5405	16091306	6975,9316	184.425,25	61521402	94,861183	49,989685
07-01-2021	11:19	3072,3127	1027,1135	16093481	6955,207	184.075,22	60825969	94,950401	50,015442
07-01-2021	11:20	3072,0784	1039,3162	16090129	7002,0542	184.741,77	62815445	94,676765	49,982929
07-01-2021	11:21	3074,4929	1027,3798	16089604	7001,6362	184.536,97	63359957	94,580414	49,969437
07-01-2021	11:22	3072,165	1054,0212	16091152	7018,2007	184.152,55	65902070	94,15258	49,924629
07-01-2021	11:23	3071,6204	1099,324	16093307	7005,3047	183.820,42	65835734	94,144051	49,946171
07-01-2021	11:24	3072,6787	1112,9312	16091478	7042,9575	184.522,78	66915313	94,009392	49,951309
07-01-2021	11:25	3072,9248	1116,428	16087935	7120,3682	186.847,97	66687438	94,181213	49,984917
07-01-2021	11:26	3071,4749	1120,9873	16099938	6998,5557	183.771,25	65649820	94,171394	49,970161
07-01-2021	11:27	3072,009	1116,0897	16085358	7051,4585	184.718,16	66858547	94,030197	50,023338
07-01-2021	11:28	3072,0466	1124,5271	16091048	7033,311	183.832,44	68010320	93,78746	49,934029
07-01-2021	11:29	3071,1843	1120,3933	16091373	7049,0752	184.700,38	66931844	94,017197	49,976776
07-01-2021	11:30	3073,4329	1121,3752	16092672	7025,7183	183.688,02	67851102	93,805023	49,942043

Potencia Bruta CA 183MW

PROMEDIO			16.092.176	6.685	174.291	65.808.406	93,55	50
DESV EST			2.033,023	21,492	394,586	1.419.320	0,255	0,044
% DESV EST			0,01%	0,32%	0,23%	2,16%	0,27%	0,09%
DATOS			31	31	31	31	31	31

Tiempo	0:30:00	87.204	32.905
		174.408	kW

Date	Time	kWh del int	kVARh del int	Vll avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07-01-2021	11:45	2907,3279	1090,0873	16091507	6695,7114	174337,52	66529563	93,428207	49,895931
07-01-2021	11:46	2905,4951	1088,0045	16093896	6677,6387	174393,38	65050766	93,694023	49,947376
07-01-2021	11:47	2909,2917	1053,4025	16091806	6644,6382	174260,8	62669027	94,099899	49,969879
07-01-2021	11:48	2906,4556	1068,298	16093010	6690,9048	174514,5	65743086	93,579895	49,937057
07-01-2021	11:49	2906,5203	1099,4579	16092205	6681,1191	173776,81	66891852	93,32473	49,910828
07-01-2021	11:50	2905,2886	1101,8816	16093719	6658,5918	173655,03	65495047	93,566429	49,959599
07-01-2021	11:51	2907,6838	1102,5194	16092997	6679,0093	174168,2	65730484	93,558998	49,972057
07-01-2021	11:52	2906	1105,6481	16092479	6690,4751	174643,44	65362207	93,655655	49,962032
07-01-2021	11:53	2907,9312	1100,9703	16093566	6676,9873	173743,06	66709695	93,352171	49,86039
07-01-2021	11:54	2905,3257	1097,0999	16091778	6684,5234	174227,44	65972633	93,519966	49,907303
07-01-2021	11:55	2907,2202	1092,4617	16093667	6661,9482	173747,52	65521168	93,567986	49,922848
07-01-2021	11:56	2905,9607	1101,7056	16091998	6684,4136	174699,88	64706941	93,7743	49,993324
07-01-2021	11:57	2908,3889	1098,0342	16091803	6688,064	174090,66	66606047	93,397667	49,923412
07-01-2021	11:58	2907,4541	1089,6624	16089919	6689,1963	175043,56	64092336	93,903282	49,994087
07-01-2021	11:59	2907,0605	1063,2606	16091190	6661,2583	174293,66	63917977	93,885834	49,98555
07-01-2021	12:00	2907,2515	1064,4277	16093224	6653,8647	174197,61	63648637	93,926575	49,981449
07-01-2021	12:01	2905,884	1077,4493	16091504	6670,7646	174272,94	64750926	93,738846	49,91769
07-01-2021	12:02	2905,6631	1086,4116	16093606	6651,2007	173787,08	64562570	93,740227	49,924831
07-01-2021	12:03	2906,2537	1112,4426	16095124	6695,2764	174238,36	66885492	93,357742	49,942326
07-01-2021	12:04	2908,8081	1120,1316	16085672	6737,2109	175220,98	67273344	93,35585	50,016697
07-01-2021	12:05	2907,8762	1108,7223	16092179	6676,1104	174110,97	65614094	93,575813	50,019951
07-01-2021	12:06	2905,9561	1113,0585	16093274	6699,1313	174405,02	66690109	93,404137	49,966312
07-01-2021	12:07	2906,9807	1114,3345	16090745	6718,5747	174409,28	68105203	93,149971	49,943306
07-01-2021	12:08	2907,4829	1128,9854	16095193	6689,9453	173698,48	67857844	93,144485	49,929775
07-01-2021	12:09	2905,1394	1135,0935	16091597	6720,4795	174404,89	68288758	93,116417	49,997555
07-01-2021	12:10	2905,948	1127,9329	16088337	6696,3574	174209,33	66820734	93,367355	50,010628
07-01-2021	12:11	2906,6326	1103,4542	16093385	6704,7744	174912,53	65809672	93,594604	50,013023
07-01-2021	12:12	2907,3787	1090,4065	16091694	6660,3433	174639,17	62911070	94,081703	50,057217
07-01-2021	12:13	2908,4526	1060,4567	16092076	6691,1445	174158,17	66673625	93,390198	49,936699
07-01-2021	12:14	2905,5723	1094,3319	16088817	6716,7749	174777,75	66942148	93,384605	50,01857
07-01-2021	12:15	2906,8337	1104,8282	16095501	6677,7847	173969,83	66227539	93,457115	49,963005

**Potencia Bruta CA
170MW**

PROMEDIO			16.048.035	6.309	164.444	60.840.023	93,78	50,01
DESV EST			15.883,269	38,437	322,652	2.778.664	0,507	0,043
% DESV EST			0,10%	0,61%	0,20%	4,57%	0,54%	0,09%
DATOS			31	31	31	31	31	31

Tiempo	0:30:00	82.217	30.635
		164.433	kW

Date	Time	kWh del int	kVARh del int	VII avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07-01-2021	12:30	2739,707	1049,9589	16069757	6285,3862	164086,77	60631699	93,801132	50,039944
07-01-2021	12:31	2741,4248	1049,0546	16063607	6335,6836	164625,92	62991512	93,396416	50,007389
07-01-2021	12:32	2740,739	1052,1553	16057459	6367,0508	164867,45	64594789	93,108665	49,983288
07-01-2021	12:33	2740,3613	1044,5442	16063351	6311,9624	164512,53	61421355	93,683525	50,033756
07-01-2021	12:34	2739,3577	1044,9714	16059717	6337,4072	164703,86	62807168	93,436913	50,044479
07-01-2021	12:35	2740,0396	1040,613	16061303	6318,8247	164566,86	61755570	93,62487	50,054455
07-01-2021	12:36	2740,8545	1049,5875	16062022	6306,9282	164063,47	62178035	93,50975	50,03804
07-01-2021	12:37	2741,478	1051,4531	16059954	6341,0083	164426,38	63812703	93,22551	50,024597
07-01-2021	12:38	2738,1353	1056,6401	16068561	6246,1401	163617,84	58699395	94,125908	50,098682
07-01-2021	12:39	2741,8992	1035,4164	16051981	6378,4976	164883,56	65259586	92,981979	49,987003
07-01-2021	12:40	2741,0452	1047,1371	16063842	6282,3267	164458,89	59188391	94,091805	50,09433
07-01-2021	12:41	2740,8447	1023,145	16063312	6281,2915	164054,05	60199551	93,879051	50,0606
07-01-2021	12:42	2739,6628	1016,838	16058344	6342,9517	164760,48	63051027	93,394897	50,033138
07-01-2021	12:43	2742,1394	1023,6527	16055833	6347,3135	165041,88	62573141	93,505188	50,046249
07-01-2021	12:44	2739,657	1033,7998	16061922	6292,0645	164197,42	60637117	93,807724	50,065475
07-01-2021	12:45	2739,3918	1064,3528	16057916	6361,1943	164559,05	64945078	93,017921	50,011803
07-01-2021	12:46	2740,9688	1081,194	16058224	6376,1631	164531,52	66141297	92,783615	50,005039
07-01-2021	12:47	2740,9309	1082,9896	16059373	6379,4253	164859,28	65606195	92,913116	50,009518
07-01-2021	12:48	2739,7119	1040,0758	16036685	6289,0518	164175,66	59638563	93,990677	49,993664
07-01-2021	12:49	2739,6802	1019,0855	16031396	6313,8706	164428,17	60793734	93,794479	49,929485
07-01-2021	12:50	2741,5361	987,15155	16026344	6293,9712	164212,34	59605496	93,999199	49,920971
07-01-2021	12:51	2740,0588	991,185791	16031552	6268,502	164400,98	57144238	94,456581	50,033615
07-01-2021	12:52	2741,0525	989,355896	16025580	6299,4624	164826,52	58332863	94,270493	49,978321
07-01-2021	12:53	2740,5449	995,187012	16030531	6296,4326	164500,28	59153516	94,100876	49,977467
07-01-2021	12:54	2742,8821	962,46283	16027021	6278,3916	164607,56	57239152	94,452469	49,988625
07-01-2021	12:55	2740,5522	947,635864	16028661	6279,0405	164509,25	57620242	94,378319	49,968937
07-01-2021	12:56	2740,0796	983,65332	16026589	6299,0464	164591,31	58984809	94,137505	49,978706
07-01-2021	12:57	2741,3374	979,376465	16029516	6293,7891	164553,31	58755598	94,176628	49,967609
07-01-2021	12:58	2739,2395	987,266174	16031841	6261,9785	164056,27	57574227	94,358086	49,969784
07-01-2021	12:59	2741,5637	976,020691	16034946	6270,9312	164047,94	58460480	94,197464	49,976055
07-01-2021	13:00	2739,4836	979,370544	16031958	6245,6143	164041,81	56244191	94,594368	50,041889

Potencia Bruta CA 158MW

PROMEDIO			15.998.277	5.973	154.482	59.311.519	93,35	50,02
DESV EST			3.268,019	33,326	438,538	2.198.010	0,444	0,043
% DESV EST			0,02%	0,56%	0,28%	3,71%	0,48%	0,09%
DATOS			31	31	31	31	31	31

Tiempo	0:30:00	77.229	29.621
		154.458	kW

Date	Time	kWh del int	kVARh del int	Vll avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07-01-2021	13:15	2575,176	946,976135	15999952	5945,9097	154184,41	58101332	93,576492	49,959171
07-01-2021	13:16	2574,0764	948,400024	15995164	5985,1768	155036,81	58781844	93,504799	50,004814
07-01-2021	13:17	2572,3418	968,995972	16000770	5931,1147	154154,89	57032496	93,78714	50,019691
07-01-2021	13:18	2576,0483	971,197021	15998732	5964,4272	154460,39	58783691	93,460518	49,95047
07-01-2021	13:19	2574,3044	972,366455	16001841	5943,043	154196,31	57898539	93,617958	50,032352
07-01-2021	13:20	2574,353	974,024841	16005456	5909,1782	153933,16	56010949	93,972427	50,033669
07-01-2021	13:21	2573,6365	947,03595	15999137	5930,3169	154584,36	55743465	94,070671	50,113762
07-01-2021	13:22	2575,8972	941,343018	15997701	5930,2646	154218,2	56700191	93,857399	50,031471
07-01-2021	13:23	2573,1672	944,887329	15999358	5908,8784	154213,28	5526230	93,183846	50,08308
07-01-2021	13:24	2575,8176	945,456299	15997490	5957,252	154804,94	57264555	93,788803	50,00613
07-01-2021	13:25	2573,5769	945,243835	15999302	5924,0278	154202,36	56286676	93,937584	50,053509
07-01-2021	13:26	2574,9063	972,714966	15996560	6000,2896	154883,2	60378078	93,170822	49,998619
07-01-2021	13:27	2573,9644	1000,2701	15997841	5986,228	155238,78	58402797	93,595551	50,079491
07-01-2021	13:28	2575,1477	1005,7029	15997966	6010,8521	155396,89	59907785	93,306419	50,058174
07-01-2021	13:29	2574,4678	1016,1712	16004228	5980,2437	154030,89	61252879	92,922264	49,988689
07-01-2021	13:30	2574,1519	1009,3709	15992680	6027,3931	155161,23	61614637	92,9403	50,048271
07-01-2021	13:31	2573,0112	1021,4488	15989135	6028,3335	154930,7	62151996	92,810501	50,01479
07-01-2021	13:32	2572,6851	1012,4073	16002602	5980,062	154039,06	61164266	92,941277	49,999878
07-01-2021	13:33	2575,5979	1001,9263	15998023	5995,8145	154313,61	61534820	92,887184	49,975147
07-01-2021	13:34	2573,3027	1010,2303	15997359	6001,3945	154958,59	60305117	93,191643	50,056934
07-01-2021	13:35	2575,3206	991,621826	15998346	5958,6431	154605,52	57935922	93,641106	50,042706
07-01-2021	13:36	2574,0071	967,658386	15997820	5974,8984	155025,63	58085738	93,642616	50,061409
07-01-2021	13:37	2575,23	988,345398	15998434	5987,8608	153980,78	61783434	92,807892	49,928699
07-01-2021	13:38	2572,8792	1020,1193	15996396	6002,1069	154619,38	61181168	92,98526	49,997559
07-01-2021	13:39	2574,6797	1016,1104	15993549	6014,6147	154179,44	63101281	92,548828	49,975151
07-01-2021	13:40	2574,0859	1011,8164	15998707	6000,9102	154742,27	60845688	93,064072	49,998405
07-01-2021	13:41	2573,801	1012,6396	15997217	5968,5684	154035,92	60150848	93,149719	50,024258
07-01-2021	13:42	2575,4211	1018,2286	15995369	5990,4751	153990,34	61859227	92,7929	49,965462
07-01-2021	13:43	2573,8345	1011,0501	15996448	5973,9336	153830,89	61064254	92,944878	49,961174
07-01-2021	13:44	2575,8484	1008,0617	16001268	5995,1206	154663,25	60689598	93,089676	50,003922
07-01-2021	13:45	2573,2515	965,899536	16001738	5944,1807	154334,53	57617586	93,68428	50,033596

**Potencia Bruta CA
145MW**

PROMEDIO			15.937.351	5.595	144.523	54.376.037	93,59	49,96
DESV EST			3.034,316	28,988	350,499	2.153.992	0,461	0,039
% DESV EST			0,02%	0,52%	0,24%	3,96%	0,49%	0,08%
DATOS			31	31	31	31	31	31

Tiempo	0:30:00	72.274	27.336
		144.548	kW

Date	Time	kWh del int	kVARh del int	Vll avg	I avg	kW tot	kVAR tot	PF lag tot	Freq
07-01-2021	14:00	2409,2432	914,815857	15938596	5585,8291	144227,56	54538922	93,535851	49,976974
07-01-2021	14:01	2410,301	907,052185	15939321	5583,7354	144142,39	54621797	93,511131	49,966755
07-01-2021	14:02	2407,7422	909,826172	15937341	5555,7925	144697,64	50794383	94,355255	50,064487
07-01-2021	14:03	2410,7383	873,303162	15935367	5582,3779	144781,91	52682762	93,972084	50,031979
07-01-2021	14:04	2409,3086	874,529236	15936301	5586,2588	144783,53	53017332	93,90229	49,971928
07-01-2021	14:05	2409,5742	872,061584	15935134	5574,3169	144482,91	52845742	93,915192	49,975323
07-01-2021	14:06	2409,051	873,760498	15934915	5563,2666	144681,03	51391977	94,231781	50,009464
07-01-2021	14:07	2409,3181	904,365173	15939374	5588,9805	144249,2	54742668	93,493851	49,979126
07-01-2021	14:08	2408,9397	922,4104	15935492	5617,7085	144403,88	56436461	93,139458	49,927132
07-01-2021	14:09	2408,6592	928,485718	15938896	5585,6182	144204,05	54571301	93,526993	49,975067
07-01-2021	14:10	2409,7925	935,22229	15942181	5581,1992	144140,53	54493582	93,538521	49,947186
07-01-2021	14:11	2409,1079	937,750427	15934252	5631,4688	144596,23	56959281	93,041473	49,93552
07-01-2021	14:12	2408,7319	936,619385	15938934	5606,9346	144322,25	55926758	93,243736	49,932724
07-01-2021	14:13	2409,2156	944,779663	15931098	5666,1289	145153,44	58064980	92,84687	49,946396
07-01-2021	14:14	2408,1729	943,926819	15937961	5601,3628	144198,83	55798984	93,261147	49,962173
07-01-2021	14:15	2409,0215	944,273254	15935487	5641,1436	144678,94	57514688	92,926506	49,941147
07-01-2021	14:16	2410,4631	898,460327	15935924	5563,2344	144260,22	52587301	93,952324	49,996834
07-01-2021	14:17	2407,2766	914,373901	15940411	5614,5908	144624,08	55769336	93,303253	49,974239
07-01-2021	14:18	2410,4441	945,120728	15937277	5633,562	144890,47	56445301	93,17894	49,948208
07-01-2021	14:19	2408,946	948,162354	15944226	5595,4922	144139,58	55652570	93,288017	49,94109
07-01-2021	14:20	2407,6851	941,957336	15937666	5622,8374	144702,66	56119711	93,233849	50,00898
07-01-2021	14:21	2408,7124	949,511719	15938938	5625,1172	144868,16	55901887	93,294937	49,971138
07-01-2021	14:22	2409,2373	941,633179	15931477	5636,959	144519	57490066	92,9179	49,936111
07-01-2021	14:23	2409,1035	946,348083	15941644	5602,9731	144280,52	55799844	93,267838	49,946007
07-01-2021	14:24	2408,9873	911,670776	15935522	5554,6079	145027,06	49693484	94,600609	50,035057
07-01-2021	14:25	2410,2324	846,833618	15939647	5552,5137	144249,8	51825625	94,110405	49,903107
07-01-2021	14:26	2408,9763	875,498596	15935716	5569,7407	143936,28	53949895	93,638527	49,89336
07-01-2021	14:27	2409,2305	876,232422	15933039	5571,6436	144514,23	52471891	93,995781	49,93095
07-01-2021	14:28	2408,6685	874,98584	15936198	5593,9238	145406,48	51904934	94,179512	49,977432
07-01-2021	14:29	2409,2852	879,696655	15937614	5560,5142	144114,81	52801324	93,896217	49,915325
07-01-2021	14:30	2409,0984	877,195923	15941941	5587,0386	144922,91	52842359	93,949509	49,943901

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.806	825,92	164.966	825,16	57.839
DESV EST	425,53	0,06	426,53	0,06	186,68
% DESV EST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%
DATOS	721	721	721	721	721
Tiempo [h:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	1:30:03	223118,7813	825,9786066	165100,5313	825,284729
08-01-2021 0:00	1:30:08	222182,6875	825,9786066	164471,5625	825,284729
08-01-2021 0:00	1:30:13	222842,0938	826,015625	165050,4844	825,2489624
08-01-2021 0:00	1:30:18	222404,4531	826,043396	164480,7344	825,2299194
08-01-2021 0:00	1:30:23	223552,0156	826,043396	165580,5781	825,2299194
08-01-2021 0:00	1:30:28	222663,9844	825,9644214	164874,6094	825,1741333
08-01-2021 0:00	1:30:33	222636,2656	826,0753784	165115,2188	825,1657104
08-01-2021 0:00	1:30:38	222616,8906	825,9677124	164721,375	825,2249756
08-01-2021 0:00	1:30:43	223860,2031	825,9677124	166108,0156	825,2249756
08-01-2021 0:00	1:30:48	222930,7188	826,0449829	165090,9063	825,2944946
08-01-2021 0:00	1:30:53	222712,5	825,9667969	164575,5	825,2415771
08-01-2021 0:00	1:30:58	223389,9688	825,9398804	165435,6875	825,2162476
08-01-2021 0:00	1:31:03	222672,5	825,9398804	164628,2031	825,2162476
08-01-2021 0:00	1:31:08	223184,2969	825,9957275	165336,6406	825,2593994
08-01-2021 0:00	1:31:13	222894,0781	826,0062866	164999,4063	825,2696533
08-01-2021 0:00	1:31:18	222224,9219	825,9973145	164426,0156	825,2856445
08-01-2021 0:00	1:31:23	223327,125	825,9973145	165427,1094	825,2856445
08-01-2021 0:00	1:31:28	222462,9063	826,0108643	164620,5156	825,2522583
08-01-2021 0:00	1:31:33	223528,2969	825,9605103	165914,4375	825,2332153
08-01-2021 0:00	1:31:38	222810,1719	826,0164795	165006,5	825,2332153
08-01-2021 0:00	1:31:43	222413,375	826,0164795	164573,7656	825,2468872
08-01-2021 0:00	1:31:48	223416,875	826,0186157	165524,6719	825,2715454
08-01-2021 0:00	1:31:53	222651,6094	826,0039673	164620,4219	825,2526855
08-01-2021 0:00	1:31:58	222512,4688	826,0039673	164763,7969	825,2526855
08-01-2021 0:00	1:32:03	222621,0313	825,9508667	164534,0625	825,2050171
08-01-2021 0:00	1:32:08	223517,4531	825,996521	165718,7344	825,2566528
08-01-2021 0:00	1:32:13	222752	825,9812622	164906,3594	825,2702637
08-01-2021 0:00	1:32:18	222037,9063	825,9812622	164139,1094	825,2702637
08-01-2021 0:00	1:32:23	223131,6406	826,0042114	165098,6094	825,2510376
08-01-2021 0:00	1:32:28	222376,8438	825,9700317	164537,1719	825,189209
08-01-2021 0:00	1:32:33	22332,2656	825,9700317	165350,2813	825,189209
08-01-2021 0:00	1:32:38	222654,5938	826,0008545	164668,5156	825,2546997
08-01-2021 0:00	1:32:43	222895,7969	825,9945068	165292,2813	825,2416382
08-01-2021 0:00	1:32:48	222639,0156	826,0610352	164762,6875	825,2619629
08-01-2021 0:00	1:32:53	223165,0313	826,0610352	165670,5938	825,2619629
08-01-2021 0:00	1:32:58	223217,1406	826,0405884	165152,5156	825,2230835
08-01-2021 0:00	1:33:03	222597,6719	826,030302	164664,6719	825,2745972
08-01-2021 0:00	1:33:08	223031,8125	826,0175781	165190,3125	825,234375
08-01-2021 0:00	1:33:13	222411,2188	826,0175781	164385,7344	825,234375
08-01-2021 0:00	1:33:18	222991,7188	825,9885254	165007,875	825,2297974
08-01-2021 0:00	1:33:23	222409,7344	826,0200195	164526,125	825,2462769
08-01-2021 0:00	1:33:28	223078,8125	826,0211182	165386,2344	825,2451172
08-01-2021 0:00	1:33:33	222600,2969	826,0211182	164574,8125	825,2451172
08-01-2021 0:00	1:33:38	223516,3438	825,9939575	165624,1875	825,2513428
08-01-2021 0:00	1:33:43	223073,6406	826,0401611	165191,1563	825,2666016
08-01-2021 0:00	1:33:48	222404,2188	825,9875488	164522,1719	825,2666016
08-01-2021 0:00	1:33:53	222561,7969	825,9875488	164708,8438	825,2894287
08-01-2021 0:00	1:33:58	223228,2344	825,9985352	165439,2813	825,2193604
08-01-2021 0:00	1:34:03	222653,2188	826,0021362	164770,6875	825,2172241
08-01-2021 0:00	1:34:08	223322,0313	826,0021362	165583,0469	825,2172241
08-01-2021 0:00	1:34:13	223330,7656	825,9664307	165295,2969	825,2225952
08-01-2021 0:00	1:34:18	222835,9219	826,0321045	164946,8594	825,2902222
08-01-2021 0:00	1:34:23	223074,9063	826,0321045	165376,9219	825,2479858
08-01-2021 0:00	1:34:28	222510,375	825,99646	164859,5	825,2479858
08-01-2021 0:00	1:34:33	222511,1875	825,9934082	165052,75	825,2407837
08-01-2021 0:00	1:34:38	222459,7344	826,0116577	164630,375	825,2015381
08-01-2021 0:00	1:34:43	223368,2656	826,0116577	165586,8125	825,2015381
08-01-2021 0:00	1:34:48	222601,375	826,0174561	164632,3125	825,1949463
08-01-2021 0:00	1:34:53	222663,125	825,9730835	165297,6563	825,2140503
08-01-2021 0:00	1:34:58	222759,125	825,9712524	164899,3125	825,2931519
08-01-2021 0:00	1:35:03	222567,9688	825,9712524	165090,4531	825,2931519
08-01-2021 0:00	1:35:08	222786,3438	826,0576782	164903,4531	825,2714233
08-01-2021 0:00	1:35:13	223612,4375	826,0081787	166156,5	825,2172852
08-01-2021 0:00	1:35:18	222852,8438	825,9879761	165009,5469	825,223999
08-01-2021 0:00	1:35:23	222710,0625	825,9879761	164625,9844	825,223999
08-01-2021 0:00	1:35:28	223320,6719	826,0302124	165587,1094	825,1998901
08-01-2021 0:00	1:35:33	222571,2344	825,9690552	164626,7344	825,2235718
08-01-2021 0:00	1:35:38	223336,7031	826,0112305	165581,8281	825,2235718
08-01-2021 0:00	1:35:43	222656,1406	826,0112305	164737,0469	825,144043
08-01-2021 0:00	1:35:48	223743,0469	826,0593262	165917,9688	825,21521
08-01-2021 0:00	1:35:53	223072,3281	825,9780273	165049,4844	825,2577515
08-01-2021 0:00	1:35:58	222328,2188	825,9780273	164571,5938	825,2577515
08-01-2021 0:00	1:36:03	223561,0156	826,008066	165395,375	825,2016602
08-01-2021 0:00	1:36:08	222651,9063	826,0148926	164876,4688	825,1641846
08-01-2021 0:00	1:36:13	222795,7188	826,0335693	165211,0469	825,2037354
08-01-2021 0:00	1:36:18	222743,1094	826,0335693	164917,3594	825,2037354
08-01-2021 0:00	1:36:23	223174,9844	826,0388794	165581,9063	825,2263794
08-01-2021 0:00	1:36:28	223174,9844	826,0264893	165010,1094	825,2107544
08-01-2021 0:00	1:36:33	222602,0313	826,0264893	165201,2188	825,2382202
08-01-2021 0:00	1:36:38	222560	826,0036011	164813,5781	825,2382202
08-01-2021 0:00	1:36:43	222275,7344	825,9943848	164383,8906	825,2360229
08-01-2021 0:00	1:36:48	223277,1719	826,0044556	165580,4219	825,2264404
08-01-2021 0:00	1:36:53	222700,0781	826,0044556	164863,6406	825,2264404
08-01-2021 0:00	1:36:58	223046,875	825,9559326	165339,5156	825,2368774
08-01-2021 0:00	1:37:03	222892,7969	825,9956055	164914,2813	825,2155151
08-01-2021 0:00	1:37:08	222162,6406	826,0386353	164431,5625	825,2404785
08-01-2021 0:00	1:37:13	222975,4063	826,0386353	165098,3906	825,2404785
08-01-2021 0:00	1:37:18	222318,75	825,9906616	164331,875	825,2503662
08-01-2021 0:00	1:37:23	222995,7344	825,9580688	164951,8281	825,260437
08-01-2021 0:00	1:37:28	222421,5625	825,9595947	164521,7969	825,2346802
08-01-2021 0:00	1:37:33	223473,4844	825,9595947	165435,4531	825,2346802
08-01-2021 0:00	1:37:38	222740,8906	826,0176392	164957,2188	825,2365112
08-01-2021 0:00	1:37:43	222831,625	826,036499	165198,3313	825,2245483
08-01-2021 0:00	1:37:48	222496,875	825,9943848	164768,4063	825,2245483
08-01-2021 0:00	1:37:53	222795,0625	825,9943848	165105,5	825,2114258
08-01-2021 0:00	1:37:58	222557,0469	825,9891357	164726,9531	825,1917725
08-01-2021 0:00	1:38:03	223370,0781	826,0311279	165734,3594	825,1685181
08-01-2021 0:00	1:38:08	222833,6406	826,0311279	165065,3125	825,1685181
08-01-2021 0:00	1:38:13	222496,0938	826,0461426	164343,4688	825,1940308
08-01-2021 0:00	1:38:18	222882,0938	826,0368042	165015,1406	825,1807251
08-01-2021 0:00	1:38:23	222452	825,9661865	164537,25	825,1885376
08-01-2021 0:00	1:38:28	223044,0156	825,9661865	165062,1563	825,1885376
08-01-2021 0:00	1:38:33	222452,4844	826,0346069	164573,8594	825,2425537
08-01-2021 0:00	1:38:38	223693,0625	826,0446167	165961,1719	825,2346802
08-01-2021 0:00	1:38:43	223070,3438	826,0446167	165005,4688	825,2538452
08-01-2021 0:00	1:38:48	222503,4375	826,0237427	164619,3906	825,2538452

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.806	825,92	164.966	825,16	57.839
DESV EST	425,53	0,06	426,53	0,06	186,68
% DESV EST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%
DATOS	721	721	721	721	721
Tiempo [h:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
1:00:00					
08-01-2021 0:00	1:38:53	223178,25	826,0026855	165389,8438	825,2236328
08-01-2021 0:00	1:38:58	222281,9219	825,9564209	164487,0156	825,1968384
08-01-2021 0:00	1:39:03	223141,5625	825,9564209	165203,9063	825,1968384
08-01-2021 0:00	1:39:08	222220	826,0064697	164331,5469	825,2557373
08-01-2021 0:00	1:39:13	223512,5938	825,9951172	165630,8906	825,2089233
08-01-2021 0:00	1:39:18	222510,5	825,9832764	164627,3281	825,2233276
08-01-2021 0:00	1:39:23	222653,3438	825,9832764	164767,9219	825,2233276
08-01-2021 0:00	1:39:28	222506,7188	825,9949341	164673,3125	825,2183228
08-01-2021 0:00	1:39:33	222848,5156	825,9685059	165583,875	825,204895
08-01-2021 0:00	1:39:38	222704,625	825,9627075	164867,0469	825,2125854
08-01-2021 0:00	1:39:43	222420,375	825,9627075	164578,8281	825,2125854
08-01-2021 0:00	1:39:48	223515,8906	825,9838257	165680,4375	825,1998901
08-01-2021 0:00	1:39:53	222941,6094	825,9851074	164967,5	825,1798096
08-01-2021 0:00	1:39:58	223276,5781	825,9967041	165254,25	825,1798096
08-01-2021 0:00	1:40:03	223225,1875	825,9967041	165148,8125	825,2341919
08-01-2021 0:00	1:40:08	222651,4844	825,9901733	164766,0313	825,2366943
08-01-2021 0:00	1:40:13	222747,1563	826,010376	164966,2813	825,1896973
08-01-2021 0:00	1:40:18	223411,5469	826,010376	165683,1875	825,1896973
08-01-2021 0:00	1:40:23	223002,9844	825,925415	165148,2188	825,2373657
08-01-2021 0:00	1:40:28	222418,9844	825,9647217	164527,375	825,2352295
08-01-2021 0:00	1:40:33	222992,8125	825,9816895	165147,8594	825,2548218
08-01-2021 0:00	1:40:38	222319,0938	825,9816895	164522,8125	825,2548218
08-01-2021 0:00	1:40:43	223273,1875	825,986084	165245,5	825,2246094
08-01-2021 0:00	1:40:48	222411,6094	825,9893799	164528,7344	825,2283936
08-01-2021 0:00	1:40:53	223463,7031	825,9893799	165533,0469	825,2681274
08-01-2021 0:00	1:40:58	222791,1406	826,0012207	164951,8281	825,2681274
08-01-2021 0:00	1:41:03	223232,9375	825,9551392	165571,4688	825,2761841
08-01-2021 0:00	1:41:08	222701,8438	825,9688811	164903,9531	825,2645874
08-01-2021 0:00	1:41:13	222702,0781	825,9688811	165525,9688	825,2645874
08-01-2021 0:00	1:41:18	222954,75	825,9121094	165245,5625	825,2319336
08-01-2021 0:00	1:41:23	222469,2188	825,9404297	164479,1094	825,2416382
08-01-2021 0:00	1:41:28	223319,7969	825,9786377	165434,0625	825,2457886
08-01-2021 0:00	1:41:33	222792,875	825,9786377	164859,8125	825,2457886
08-01-2021 0:00	1:41:38	222745,3281	825,9749756	164953,8125	825,2539673
08-01-2021 0:00	1:41:43	222479,75	825,8936768	164532,8125	825,2070313
08-01-2021 0:00	1:41:48	223436,1094	825,9349365	165488,6719	825,232605
08-01-2021 0:00	1:41:53	222707,8594	825,9349365	164766,9699	825,232605
08-01-2021 0:00	1:41:58	223475,0781	825,9194946	165675,875	825,2269897
08-01-2021 0:00	1:42:03	223174,0313	825,9725952	165248,2344	825,2144775
08-01-2021 0:00	1:42:08	222600,7344	825,9171753	164721,75	825,2144775
08-01-2021 0:00	1:42:13	223236,75	825,9171753	165388,125	825,2282715
08-01-2021 0:00	1:42:18	222497,5781	825,9998169	164580,2969	825,2047119
08-01-2021 0:00	1:42:23	223741,9063	825,9638062	165862,3125	825,2471313
08-01-2021 0:00	1:42:28	222698,9844	825,9638062	164906,5625	825,2471313
08-01-2021 0:00	1:42:33	222414,75	825,9542236	164958,7344	825,2247314
08-01-2021 0:00	1:42:38	222792,5625	825,979187	165112,0781	825,1734619
08-01-2021 0:00	1:42:43	222649,4844	825,9677734	164585,6406	825,1960449
08-01-2021 0:00	1:42:48	223417,2344	825,9677734	165584,8594	825,1960449
08-01-2021 0:00	1:42:53	222700,25	825,967041	164818,9699	825,203125
08-01-2021 0:00	1:42:58	223099,3594	825,9091797	165240,6719	825,2456055
08-01-2021 0:00	1:43:03	222955,8438	825,9091797	165048,9699	825,2456055
08-01-2021 0:00	1:43:08	223184,0313	825,9512329	165383,6719	825,2438354
08-01-2021 0:00	1:43:13	223410,1719	825,9995728	165331,7031	825,2614746
08-01-2021 0:00	1:43:18	222613,3906	825,9389038	164725,1875	825,1856689
08-01-2021 0:00	1:43:23	224143,5781	825,9389038	165967,75	825,1856689
08-01-2021 0:00	1:43:28	222703,6094	825,9578247	164817,1094	825,2046509
08-01-2021 0:00	1:43:33	222172,9688	825,9758911	164440,2031	825,1767578
08-01-2021 0:00	1:43:38	222804,2344	825,9389648	165061,4844	825,2059937
08-01-2021 0:00	1:43:43	222326,125	825,9389648	164291,9219	825,2059937
08-01-2021 0:00	1:43:48	223337,4688	825,9155273	165246,7813	825,2141724
08-01-2021 0:00	1:43:53	222606,1719	825,9689931	164529,7656	825,215271
08-01-2021 0:00	1:43:58	223466,9531	825,9702148	165532,6094	825,2175293
08-01-2021 0:00	1:44:03	222988,6563	825,9702148	165005,75	825,2175293
08-01-2021 0:00	1:44:08	222734,6406	826,0264893	165105,8281	825,1941528
08-01-2021 0:00	1:44:13	222464,0313	825,9682617	164339,0781	825,2052002
08-01-2021 0:00	1:44:18	223372,3281	825,9694824	165581,5625	825,2052002
08-01-2021 0:00	1:44:23	222846,2344	825,9694824	164964,7656	825,1864014
08-01-2021 0:00	1:44:28	223233,875	825,9502563	165429,8906	825,2519531
08-01-2021 0:00	1:44:33	222851,1875	825,9734497	164673,9531	825,2034302
08-01-2021 0:00	1:44:38	223227,7031	825,9734497	165486,3281	825,2034302
08-01-2021 0:00	1:44:43	222797,8281	825,9708252	164907,5469	825,2307129
08-01-2021 0:00	1:44:48	222279,6094	825,949707	164857,0625	825,2449341
08-01-2021 0:00	1:44:53	223475,9688	825,949707	165382,6719	825,2144165
08-01-2021 0:00	1:44:58	222317,4531	825,9904785	164527,7188	825,2144165
08-01-2021 0:00	1:45:03	222987,7813	825,9876709	165104,5781	825,1968384
08-01-2021 0:00	1:45:08	222570,2813	825,9400635	164616,9844	825,2506104
08-01-2021 0:00	1:45:13	224100,25	825,9400635	165716,0938	825,2506104
08-01-2021 0:00	1:45:18	222850,8125	825,9631348	164911,5781	825,2099609
08-01-2021 0:00	1:45:23	222556,375	825,9924316	164822,0781	825,178833
08-01-2021 0:00	1:45:28	222998,0156	825,9483643	165155,9219	825,1824341
08-01-2021 0:00	1:45:33	222472,0781	825,9483643	164630,2344	825,1824341
08-01-2021 0:00	1:45:38	223331,6406	825,9530029	165379,9375	825,2587891
08-01-2021 0:00	1:45:43	222697,5625	825,9967651	164875,4531	825,1500854
08-01-2021 0:00	1:45:48	223458,4844	826,012207	165640,1094	825,2386475
08-01-2021 0:00	1:45:53	222932,3281	826,012207	165096,3906	825,2386475
08-01-2021 0:00	1:45:58	222415,0469	825,9761353	164519,8125	825,2550049
08-01-2021 0:00	1:46:03	223813,0156	825,9333496	165770,5313	825,2124634
08-01-2021 0:00	1:46:08	222904,3906	826,0002441	164957,375	825,2124634
08-01-2021 0:00	1:46:13	222552,4844	826,0002441	165438,9688	825,1936646
08-01-2021 0:00	1:46:18	223322	825,9827271	165243,7344	825,2141724
08-01-2021 0:00	1:46:23	222554,7813	825,9736328	164573,5469	825,2202148
08-01-2021 0:00	1:46:28	223226,4844	825,9736328	165385,9063	825,2202148
08-01-2021 0:00	1:46:33	222939,6406	825,970459	164764,6094	825,2177124
08-01-2021 0:00	1:46:38	223189,9063	825,9212646	165336,2344	825,2268677
08-01-2021 0:00	1:46:43	222710,5156	825,921875	164857,5938	825,1496582
08-01-2021 0:00	1:46:48	223332,1563	825,921875	165493,8594	825,1496582
08-01-2021 0:00	1:46:53	222707,4844	825,9331055	164716,7813	825,2137451
08-01-2021 0:00	1:46:58	223470,0313	825,9418945	165814,125	825,2227783
08-01-2021 0:00	1:47:03	222943,9063	825,9418945	164858,3438	825,1690674
08-01-2021 0:00	1:47:08	223178,2656	825,9613037	165729,0469	825,1690674
08-01-2021 0:00	1:47:13	223262,7656	826,0023193	165211,3594	825,1278076
08-01-2021 0:00	1:47:18	222173,25	825,9697266	164679,7344	825,1541748
08-01-2021 0:00	1:47:23	223418,6563	825,9697266	165445,1875	825,1541748
08-01-2021 0:00	1:47:28	222443,6563	826,0478516	164636,375	825,1353149
08-01-2021 0:00	1:47:33	222946,8594	825,9613647	165301,4375	825,1561279
08-01-2021 0:00	1:47:38	222659,2656	825,9699097	164923,0625	825,1356201

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.806	825,92	164.966	825,16	57.839	
DESVEST	425,53	0,06	426,53	0,06	186,68	
% DESVEST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h	
1:00:00						
08-01-2021 0:00	1:47:43	222133,4219	825,9699097	164397,4219	825,1356201	57736
08-01-2021 0:00	1:47:48	223265,9063	826,0281982	165342,1563	825,1884766	57923,75
08-01-2021 0:00	1:47:53	222591,9844	826,0488892	164623,2188	825,1994019	57968,76563
08-01-2021 0:00	1:47:58	223188,3281	825,963623	165387,7969	825,1651611	57800,53125
08-01-2021 0:00	1:48:03	222662,25	825,963623	164773,25	825,1651611	57889
08-01-2021 0:00	1:48:08	223422,4688	825,9822388	165578,9375	825,1995239	57843,53125
08-01-2021 0:00	1:48:13	222997,5469	825,961731	165103,1563	825,1886597	57894,39063
08-01-2021 0:00	1:48:18	222902	825,9590454	165055,4063	825,1886597	57846,59375
08-01-2021 0:00	1:48:23	222615,2813	825,9590454	164769,0156	825,1868286	57846,26563
08-01-2021 0:00	1:48:28	222753,7813	825,9794312	165006,25	825,1955566	57747,53125
08-01-2021 0:00	1:48:33	222416,0469	825,9909058	164477,9219	825,2092285	57938,125
08-01-2021 0:00	1:48:38	223132,2656	825,9909058	165290,3125	825,2092285	57841,95313
08-01-2021 0:00	1:48:43	222709,1719	825,963562	164823,9063	825,1502686	57885,26563
08-01-2021 0:00	1:48:48	222799,4688	825,9807129	164912,2813	825,1871338	57887,1875
08-01-2021 0:00	1:48:53	222512,5625	825,918457	165007,8906	825,1596668	57504,67188
08-01-2021 0:00	1:48:58	223005	825,918457	165108,8281	825,1596668	57896,17188
08-01-2021 0:00	1:49:03	222349,375	825,8660889	164432,4531	825,1936646	57916,92188
08-01-2021 0:00	1:49:08	223148,25	825,9151001	165346,3906	825,1589355	57801,85938
08-01-2021 0:00	1:49:13	222811,5156	825,9151001	164581,8125	825,1589355	58229,70313
08-01-2021 0:00	1:49:18	223378,6406	825,9401245	165497,6875	825,1224976	57880,95313
08-01-2021 0:00	1:49:23	222707,1875	825,9476929	164875,9531	825,1245728	57831,23438
08-01-2021 0:00	1:49:28	223558,6563	825,9831543	165774,875	825,1713867	57783,78125
08-01-2021 0:00	1:49:33	223031,5469	825,9831543	165154,3281	825,1713867	57877,21875
08-01-2021 0:00	1:49:38	222424,0781	825,9265137	164523,2188	825,2221069	57900,85938
08-01-2021 0:00	1:49:43	223320,6563	825,9708862	165445,7969	825,1470337	57874,85938
08-01-2021 0:00	1:49:48	222359,7344	825,9883423	164630,5469	825,1613777	57729,1875
08-01-2021 0:00	1:49:53	223172,8125	825,9883423	165489,3125	825,1613777	57683,5
08-01-2021 0:00	1:49:58	222713,9063	825,9182129	164874,4844	825,1281738	57839,42188
08-01-2021 0:00	1:50:03	222367,7969	825,9630737	164850,5625	825,2553101	57517,23438
08-01-2021 0:00	1:50:08	222994,7656	825,9463501	165185,0313	825,1790161	57809,73438
08-01-2021 0:00	1:50:13	222564,2969	825,9463501	164530,8594	825,1790161	58033,4375
08-01-2021 0:00	1:50:18	223119,0625	826,0223999	165238,2969	825,2272339	57880,76563
08-01-2021 0:00	1:50:23	222509,0313	825,9783936	164726,0938	825,15802	57782,9375
08-01-2021 0:00	1:50:28	223370,7344	825,9511719	165538,5313	825,15802	57832,20313
08-01-2021 0:00	1:50:33	222852,9375	825,9511719	164999,7188	825,229126	57853,21875
08-01-2021 0:00	1:50:38	223715,2031	825,946106	165768,375	825,208313	57946,82813
08-01-2021 0:00	1:50:43	223228,7813	825,9759521	165149,9219	825,1937866	58078,85938
08-01-2021 0:00	1:50:48	222463,8438	825,9759521	164576,4688	825,1937866	57887,375
08-01-2021 0:00	1:50:53	223196,4531	825,9171753	165347,2188	825,1587524	57849,23438
08-01-2021 0:00	1:50:58	222744,7344	825,9997559	164917,0313	825,1628418	57827,70313
08-01-2021 0:00	1:51:03	224034,6719	825,9436646	166063,9375	825,2374268	57970,73438
08-01-2021 0:00	1:51:08	222948,3594	825,9436646	165140,7188	825,2374268	57807,64063
08-01-2021 0:00	1:51:13	222424,25	825,9371948	164621,5	825,2042236	57802,75
08-01-2021 0:00	1:51:18	222759,1719	825,9360352	164823,9063	825,1464844	57935,26563
08-01-2021 0:00	1:51:23	222855,2344	825,9360352	164584,9375	825,1464844	58270,29688
08-01-2021 0:00	1:51:28	223051,2813	825,9127808	165199,3438	825,1817627	57851,9375
08-01-2021 0:00	1:51:33	222722,7656	825,8859863	164862,5625	825,1936035	57860,20313
08-01-2021 0:00	1:51:38	223331,4375	825,930481	165462,0938	825,3050537	57869,34375
08-01-2021 0:00	1:51:43	222948,9063	825,930481	164936,4531	825,3050537	58012,45313
08-01-2021 0:00	1:51:48	223139,1406	825,9349365	165393,8281	825,1646729	57745,3125
08-01-2021 0:00	1:51:53	223132,0156	825,9654541	165001,2031	825,2175903	58130,8125
08-01-2021 0:00	1:51:58	222527,625	825,9013672	164960,0625	825,1837158	57567,5625
08-01-2021 0:00	1:52:03	223483,8125	825,9013672	165485,7031	825,1837158	57998,10938
08-01-2021 0:00	1:52:08	222416,8594	825,9616089	164628,1094	825,1702271	57788,75
08-01-2021 0:00	1:52:13	223171,0313	826,0029907	165293,2656	825,1901855	57877,76563
08-01-2021 0:00	1:52:18	222522,3125	825,9281616	164672,0156	825,1795654	57850,29688
08-01-2021 0:00	1:52:23	223143,7344	825,9281616	165295,3594	825,1795654	57848,375
08-01-2021 0:00	1:52:28	222617,4844	825,9257202	164724,2969	825,166748	57893,1875
08-01-2021 0:00	1:52:33	223325,2188	825,9610596	165489,8594	825,1624756	57835,35938
08-01-2021 0:00	1:52:38	222749,5625	825,9244995	164868,5781	825,1624756	57880,98438
08-01-2021 0:00	1:52:43	223141,125	825,9244995	165386,6719	825,201355	57754,45313
08-01-2021 0:00	1:52:48	222715,6406	825,9046631	164959,9688	825,184021	57755,67188
08-01-2021 0:00	1:52:53	222763,8125	825,9289551	165151,125	825,1791382	57612,6875
08-01-2021 0:00	1:52:58	223044,3594	825,9289551	165295,4375	825,1791382	57748,92188
08-01-2021 0:00	1:53:03	222466,5938	825,9437256	164538,375	825,1399536	57928,21875
08-01-2021 0:00	1:53:08	223368,4844	825,9680786	165382,9063	825,2167969	57985,57813
08-01-2021 0:00	1:53:13	222890,3594	825,9680786	164761,7031	825,1898193	58128,65625
08-01-2021 0:00	1:53:18	223521,6719	825,9311523	165771,8906	825,1898193	57749,78125
08-01-2021 0:00	1:53:23	222950,7344	825,9235229	165155,2969	825,1659546	57795,4375
08-01-2021 0:00	1:53:28	222804,2813	825,9367065	165013,5625	825,1539917	57790,71875
08-01-2021 0:00	1:53:33	222660,7656	825,9367065	164726,8438	825,1539917	57933,92188
08-01-2021 0:00	1:53:38	223318	825,9828491	165538,625	825,1572876	57779,375
08-01-2021 0:00	1:53:43	222569,125	825,9204102	164717,5156	825,2019653	57851,60938
08-01-2021 0:00	1:53:48	223126,2969	825,9831543	165239,4219	825,2211304	57886,875
08-01-2021 0:00	1:53:53	222600,7344	825,9831543	164665,9531	825,2211304	57934,78125
08-01-2021 0:00	1:53:58	223098,75	825,9025879	165283,9219	825,2416992	57814,82813
08-01-2021 0:00	1:54:03	222520,8438	825,9135742	164777,1875	825,1443481	57743,65625
08-01-2021 0:00	1:54:08	223326,8281	825,9364014	165582	825,1835938	57744,82813
08-01-2021 0:00	1:54:13	222896,5781	825,9364014	165104,0625	825,1835938	57792,51563
08-01-2021 0:00	1:54:18	223235,6563	825,9176636	165358,25	825,1057129	57877,40625
08-01-2021 0:00	1:54:23	223086,2031	825,9395142	165112,875	825,1383667	57973,32813
08-01-2021 0:00	1:54:28	223608,4688	825,9544678	165830,5625	825,2033691	57777,90625
08-01-2021 0:00	1:54:33	223465,6406	825,9544678	165387	825,2033691	58078,64063
08-01-2021 0:00	1:54:38	222715,0156	825,9037476	164921,4219	825,1398926	57793,59375
08-01-2021 0:00	1:54:43	223627,7813	825,8917236	165728,4219	825,1676636	57899,35938
08-01-2021 0:00	1:54:48	222814,5156	825,9349976	165059,4063	825,1676636	57755,10938
08-01-2021 0:00	1:54:53	222374,8594	825,9349976	165148,125	825,2028809	57226,73438
08-01-2021 0:00	1:54:58	223079,2656	825,9868164	165352,6719	825,1340942	57726,59375
08-01-2021 0:00	1:55:03	222650,0313	825,953064	164779,125	825,1897583	57870,90625
08-01-2021 0:00	1:55:08	222851,6875	825,953064	165007,25	825,1897583	57844,4375
08-01-2021 0:00	1:55:13	222368	825,9733887	164622,1563	825,2046509	57745,84375
08-01-2021 0:00	1:55:18	222512,7656	825,9719238	164779,4844	825,1322632	57733,28125
08-01-2021 0:00	1:55:23	223564,9063	825,9719238	165782,4063	825,1712036	57782,5
08-01-2021 0:00	1:55:28	222748,3594	825,9852905	164914,6094	825,1712036	57833,75
08-01-2021 0:00	1:55:33	222327	825,9432			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.806	825,92	164.966	825,16	57.839
DESV EST	425,53	0,06	426,53	0,06	186,68
% DESV EST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%
DATOS	721	721	721	721	721
Tiempo [h:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	1:56:33	222622,0625	825,914917	164724,7188	825,1646729
08-01-2021 0:00	1:56:38	223506,6406	826,0061646	165728,2656	825,1099243
08-01-2021 0:00	1:56:43	223028,6563	826,0061646	165117,6563	825,1099243
08-01-2021 0:00	1:56:48	223756,9063	825,9689331	166010,8281	825,1862183
08-01-2021 0:00	1:56:53	223428,1875	825,9448853	165538,5938	825,1572266
08-01-2021 0:00	1:56:58	222471,7969	825,9379272	164678,375	825,1572266
08-01-2021 0:00	1:57:03	223094,2031	825,9379272	165298,125	825,1686401
08-01-2021 0:00	1:57:08	222464,2969	825,9686279	164720,2969	825,1873779
08-01-2021 0:00	1:57:13	222847,125	825,9333496	165389,3438	825,1160889
08-01-2021 0:00	1:57:18	223047,4063	825,9333496	165212,0313	825,1160889
08-01-2021 0:00	1:57:23	222727,9063	825,8759155	164762,6094	825,2156372
08-01-2021 0:00	1:57:28	223584,0469	825,8944092	165677,8594	825,1782227
08-01-2021 0:00	1:57:33	223440,5781	825,8944092	165104,3594	825,170166
08-01-2021 0:00	1:57:38	222959,375	825,9065552	165105,9531	825,170166
08-01-2021 0:00	1:57:43	223034,875	825,9821777	165113,9375	825,1290894
08-01-2021 0:00	1:57:48	222280,6094	825,9370117	164447,4375	825,1159058
08-01-2021 0:00	1:57:53	223236,8594	825,9370117	165355,4375	825,1159058
08-01-2021 0:00	1:57:58	222764,125	825,9174194	164910,8438	825,1906738
08-01-2021 0:00	1:58:03	223279,0938	825,9556274	165715,0313	825,2325439
08-01-2021 0:00	1:58:08	223135,9063	825,9497681	165304,8281	825,1304321
08-01-2021 0:00	1:58:13	222562,2344	825,9497681	164682,8125	825,1304321
08-01-2021 0:00	1:58:18	223577,6563	825,90271	165688,6563	825,1187744
08-01-2021 0:00	1:58:23	222851,8125	825,9277344	165014,1094	825,1432495
08-01-2021 0:00	1:58:28	222905,4531	825,9069824	165110,3594	825,1359253
08-01-2021 0:00	1:58:33	223048,8125	825,9069824	165302,2969	825,1359253
08-01-2021 0:00	1:58:38	222615,6094	825,9113159	164768,7656	825,184021
08-01-2021 0:00	1:58:43	223027,1875	825,9768677	165112,3281	825,133606
08-01-2021 0:00	1:58:48	223238,625	825,90625	164395,4375	825,1213989
08-01-2021 0:00	1:58:53	223763,0625	825,90625	165925,6406	825,1213989
08-01-2021 0:00	1:58:58	223041,0469	825,9243164	165104,5625	825,1656494
08-01-2021 0:00	1:59:03	222468,5469	825,9200439	164725,7656	825,1478882
08-01-2021 0:00	1:59:08	223233,7188	825,9200439	165442,5469	825,1478882
08-01-2021 0:00	1:59:13	222659,375	825,9223022	164722,3125	825,1618042
08-01-2021 0:00	1:59:18	223361,3125	825,9761963	165486,0469	825,1665039
08-01-2021 0:00	1:59:23	222882,9375	825,932312	164864,7813	825,1792603
08-01-2021 0:00	1:59:28	223277,125	825,932312	165531,3281	825,1792603
08-01-2021 0:00	1:59:33	223057,625	825,8579102	165058,7656	825,1519775
08-01-2021 0:00	1:59:38	222617,5156	825,8994141	164818,0938	825,1607666
08-01-2021 0:00	1:59:43	223144,3281	825,8994141	165104,8438	825,1130371
08-01-2021 0:00	1:59:48	222700,0625	825,9525146	164874,3594	825,1130371
08-01-2021 0:00	1:59:53	223129,2188	825,9573975	165201,9688	825,1488037
08-01-2021 0:00	1:59:58	222794,2813	825,9557495	164968,0156	825,1271973
08-01-2021 0:00	2:00:03	223606,5156	825,9557495	165493,6875	825,1271973
08-01-2021 0:00	2:00:08	222795,4219	825,9487915	164859,2188	825,1947632
08-01-2021 0:00	2:00:13	222382,4688	825,8834839	165436,9219	825,1731567
08-01-2021 0:00	2:00:18	222618,0938	825,8929443	164867,4375	825,1563721
08-01-2021 0:00	2:00:23	223144,375	825,8929443	165536,5156	825,1563721
08-01-2021 0:00	2:00:28	223041,1094	825,9208374	164915,2813	825,1560669
08-01-2021 0:00	2:00:33	222481,1094	825,8688354	165444,625	825,137207
08-01-2021 0:00	2:00:38	222851,5313	825,9163208	164966,7344	825,1221313
08-01-2021 0:00	2:00:43	222278,1719	825,9163208	164348,3594	825,1221313
08-01-2021 0:00	2:00:48	223055,1406	825,8707886	165202,3594	825,1541748
08-01-2021 0:00	2:00:53	222580,2188	825,8583374	164634,6406	825,1246948
08-01-2021 0:00	2:00:58	223393,3281	825,9116211	165638,2188	825,1246948
08-01-2021 0:00	2:01:03	222709,7188	825,9116211	164672,5781	825,175293
08-01-2021 0:00	2:01:08	223189,3906	825,9057617	165396,6875	825,1381226
08-01-2021 0:00	2:01:13	222853,875	825,9088745	164925,0313	825,1060181
08-01-2021 0:00	2:01:18	222903,9531	825,9088745	165163,9375	825,1060181
08-01-2021 0:00	2:01:23	222608,6406	825,944519	164582,4063	825,147583
08-01-2021 0:00	2:01:28	223290,7031	825,8967285	165593,7188	825,1079102
08-01-2021 0:00	2:01:33	223005,7344	825,9404907	164812,4219	825,1936035
08-01-2021 0:00	2:01:38	223091,8906	825,9404907	165243,2813	825,1936035
08-01-2021 0:00	2:01:43	222612,2344	825,9453125	164828,2031	825,1121216
08-01-2021 0:00	2:01:48	223670,2656	825,9257202	165783,5	825,1149292
08-01-2021 0:00	2:01:53	223096,2813	825,9257202	165068,0938	825,1369019
08-01-2021 0:00	2:01:58	222636,7188	825,8567505	164777,0625	825,1369019
08-01-2021 0:00	2:02:03	223614,9219	825,9584961	165678,2969	825,1679688
08-01-2021 0:00	2:02:08	222667,2188	825,9246826	164866,2813	825,1697388
08-01-2021 0:00	2:02:13	223002,0469	825,9246826	165630,875	825,1697388
08-01-2021 0:00	2:02:18	222950,4688	825,9372559	165112,2813	825,1334229
08-01-2021 0:00	2:02:23	222813,875	825,9158936	164779,7344	825,1234741
08-01-2021 0:00	2:02:28	222755,2188	825,9598999	164921,5781	825,1308594
08-01-2021 0:00	2:02:33	223377,6719	825,9598999	165399,5313	825,1308594
08-01-2021 0:00	2:02:38	222620,125	825,930542	164734,4688	825,1141357
08-01-2021 0:00	2:02:43	223632	825,9015503	165672,3281	825,2021484
08-01-2021 0:00	2:02:48	222909,7969	825,9198608	165051,0938	825,1785889
08-01-2021 0:00	2:02:53	222718,7813	825,9198608	165246,8906	825,1785889
08-01-2021 0:00	2:02:58	222711,0625	825,9456787	164969,8281	825,1286621
08-01-2021 0:00	2:03:03	223580,5469	825,9082642	165829,875	825,1297607
08-01-2021 0:00	2:03:08	222909,625	825,934082	165065,2188	825,1297607
08-01-2021 0:00	2:03:13	222424,8281	825,934082	164538,875	825,1328735
08-01-2021 0:00	2:03:18	223389,2188	825,8997192	165590,5156	825,1315918
08-01-2021 0:00	2:03:23	222998,4688	825,9237061	165024,6719	825,0922852
08-01-2021 0:00	2:03:28	223429,0938	825,9237061	165646	825,0922852
08-01-2021 0:00	2:03:33	222838,6875	825,9852905	164969	825,1325684
08-01-2021 0:00	2:03:38	223241,2813	825,9089355	165541,5625	825,1375122
08-01-2021 0:00	2:03:43	223097,5625	825,9476929	165254,8594	825,1451416
08-01-2021 0:00	2:03:48	222418,1094	825,9476929	164537,25	825,1451416
08-01-2021 0:00	2:03:53	223188,0781	825,9345093	165443,2344	825,1552124
08-01-2021 0:00	2:03:58	222674,3438	825,887207	164775,6719	825,1477051
08-01-2021 0:00	2:04:03	223249,2188	825,887207	165492,5781	825,1488037
08-01-2021 0:00	2:04:08	222941,8281	825,9650269	165157,0781	825,1488037
08-01-2021 0:00	2:04:13	223418,8438	825,9703979	165871,1563	825,1553345
08-01-2021 0:00	2:04:18	223101,3438	825,9037476	165302,2188	825,1322021
08-01-2021 0:00	2:04:23	222815,7188	825,9037476	164633,0938	825,1322021
08-01-2021 0:00	2:04:28	223579,7969	825,9055176	165586,1563	825,1465454
08-01-2021 0:00	2:04:33	222902,8594	825,9341431	164910,2344	825,1817017
08-01-2021 0:00	2:04:38	222763,1875	825,9203491	165006,1094	825,1801758
08-01-2021 0:00	2:04:43	222809,9063	825,9203491	164814,9531	825,1801758
08-01-2021 0:00	2:04:48	222997,5313	825,9345093	165006,6719	825,1772461
08-01-2021 0:00	2:04:53	222475,875	825,9174805	164478,4063	825,1905518
08-01-2021 0:00	2:04:58	223626,3594	825,9072266	165720,9219	825,1327515
08-01-2021 0:00	2:05:03	222909,7813	825,9072266	164967,5469	825,1327515
08-01-2021 0:00	2:05:08	222468,75	825,9494629	164574,4375	825,1882935
08-01-2021 0:00	2:05:13	223252,6875	825,8743286	165254,0156	825,1342773
08-01-2021 0:00	2:05:18	222630,0313	825,9187622	164871,6406	825,1342773

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.806	825,92	164.966	825,16	57.839	
DESV EST	425,53	0,06	426,53	0,06	186,68	
% DESV EST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h	
1:00:00						
08-01-2021 0:00	2:05:23	223096,5	825,9187622	165060,875	825,140686	58035,625
08-01-2021 0:00	2:05:28	222473,2031	825,9211426	164633,3125	825,1275635	57839,89063
08-01-2021 0:00	2:05:33	222989,4375	825,9533081	165058,3281	825,1537476	57931,10938
08-01-2021 0:00	2:05:38	222269,1875	825,9533081	164532,6563	825,1537476	57736,53125
08-01-2021 0:00	2:05:43	222902,7031	825,9077148	164912,5469	825,1663208	57990,15625
08-01-2021 0:00	2:05:48	222388,2813	825,8605957	164542	825,1054688	57846,28125
08-01-2021 0:00	2:05:53	223153,2344	825,8760376	165155,4219	825,1459351	57997,8125
08-01-2021 0:00	2:05:58	222429,8281	825,8760376	164629,7344	825,1459351	57800,09375
08-01-2021 0:00	2:06:03	223140,4219	825,9022827	165350,0781	825,1278687	57790,34375
08-01-2021 0:00	2:06:08	222362,5938	825,949585	164631,8906	825,1347046	57730,70313
08-01-2021 0:00	2:06:13	222221,2969	825,949585	165252,4844	825,1670532	56968,8125
08-01-2021 0:00	2:06:18	222941,5938	825,9334717	165102,7969	825,1670532	57838,79688
08-01-2021 0:00	2:06:23	222609,9844	825,9226074	164492,8125	825,1087036	58117,17188
08-01-2021 0:00	2:06:28	223040,2031	825,9229126	165394,5313	825,1410522	57645,67188
08-01-2021 0:00	2:06:33	222657,5313	825,9229126	164916,6875	825,1410522	57740,84375
08-01-2021 0:00	2:06:38	222815,4844	825,8688965	165109,5	825,1325073	57705,98438
08-01-2021 0:00	2:06:43	222472,4844	825,899231	164573,5313	825,1853638	57898,95313
08-01-2021 0:00	2:06:48	223010,1875	825,8552856	165249	825,1564941	57761,1875
08-01-2021 0:00	2:06:53	222866,2969	825,8552856	165105,5469	825,1564941	57760,75
08-01-2021 0:00	2:06:58	222185,1875	825,9005737	164443,75	825,1191406	57741,4375
08-01-2021 0:00	2:07:03	222372,7656	825,9156494	164639,625	825,0949707	57733,14063
08-01-2021 0:00	2:07:08	222964,3438	825,8452148	165213,1406	825,0817261	57751,20313
08-01-2021 0:00	2:07:13	222916,0781	825,8452148	164881,1406	825,0817261	58034,9375
08-01-2021 0:00	2:07:18	222172,3125	825,9544067	164297,5	825,1304321	57874,8125
08-01-2021 0:00	2:07:23	223064,3594	825,8355103	165095,3438	825,2128296	57969,01563
08-01-2021 0:00	2:07:28	222107,8594	825,8809204	164282,2656	825,2128296	57825,59375
08-01-2021 0:00	2:07:33	222574,9844	825,8809204	164567,7969	825,218689	58007,1875
08-01-2021 0:00	2:07:38	222805,8594	825,9162598	165063,4531	825,1274414	57742,40625
08-01-2021 0:00	2:07:43	222712	825,9161987	164672,5156	825,1717529	58039,48438
08-01-2021 0:00	2:07:48	222091,2969	825,9161987	164194,5938	825,1717529	57896,70313
08-01-2021 0:00	2:07:53	222895,3438	825,9506226	164778,3906	825,1223145	58116,95313
08-01-2021 0:00	2:07:58	222236,8906	825,9171753	164429,2656	825,1974487	57807,625
08-01-2021 0:00	2:08:03	222858,25	825,9101563	164954,9531	825,1503906	57903,29688
08-01-2021 0:00	2:08:08	222190,8281	825,9101563	164342,7969	825,1503906	57848,03125
08-01-2021 0:00	2:08:13	223057,9375	825,885498	164962,7344	825,161438	58095,20313
08-01-2021 0:00	2:08:18	222303,8281	825,8435059	164453,1406	825,078064	57850,6875
08-01-2021 0:00	2:08:23	223403,8438	825,8435059	165504,625	825,078064	57899,21875
08-01-2021 0:00	2:08:28	222582,2813	825,87146	164718,4375	825,1888428	57863,84375
08-01-2021 0:00	2:08:33	222099,9688	825,8833618	164297,5156	825,1415405	57802,45313
08-01-2021 0:00	2:08:38	222766,8438	825,8891602	164917,375	825,1487427	57849,46875
08-01-2021 0:00	2:08:43	222145,1094	825,8891602	164248,2813	825,1487427	57896,82813
08-01-2021 0:00	2:08:48	222570,2344	825,909668	164780,25	825,116333	57789,98438
08-01-2021 0:00	2:08:53	222235,375	825,9105835	164244,3594	825,1692505	57991,01563
08-01-2021 0:00	2:08:58	223296,2969	825,8755493	165392,2344	825,1643066	57904,0625
08-01-2021 0:00	2:09:03	222626,6719	825,8755493	164770,9375	825,1643066	57855,73438
08-01-2021 0:00	2:09:08	222196,0313	825,878418	164390,6406	825,1540527	57805,39063
08-01-2021 0:00	2:09:13	222947,0625	825,9269409	165201	825,1646118	57746,0625
08-01-2021 0:00	2:09:18	222272,9531	825,9483032	164340,0469	825,0967407	57932,90625
08-01-2021 0:00	2:09:23	222463,5156	825,9483032	165069,3906	825,0967407	57394,125
08-01-2021 0:00	2:09:28	222333,4219	825,8930664	164587,2031	825,1223145	57746,21875
08-01-2021 0:00	2:09:33	222038,5	825,9239502	164620,75	825,199585	57417,75
08-01-2021 0:00	2:09:38	221942,7813	825,8789063	164189,9219	825,199585	57752,85938
08-01-2021 0:00	2:09:43	223006,625	825,8789063	165298,2031	825,1522217	57708,42188
08-01-2021 0:00	2:09:48	222049,7031	825,8798218	164148,7969	825,1651611	57900,90625
08-01-2021 0:00	2:09:53	222814,25	825,8464355	165297,7969	825,1542358	57516,45313
08-01-2021 0:00	2:09:58	222534,7813	825,8464355	164628,75	825,1542358	57906,03125
08-01-2021 0:00	2:10:03	221893,5469	825,9213257	164148,0781	825,1687012	57745,46875
08-01-2021 0:00	2:10:08	222575,3594	825,8699341	164824,4844	825,1309204	57750,875
08-01-2021 0:00	2:10:13	222144,1563	825,8699341	164156,125	825,12323	57988,03125
08-01-2021 0:00	2:10:18	222801,9219	825,9143677	165018,6094	825,12323	57783,3125
08-01-2021 0:00	2:10:23	222386,2031	825,8588257	164297,0625	825,1473999	58089,14063
08-01-2021 0:00	2:10:28	222421,1406	825,9076538	164679,2656	825,1445923	57741,875
08-01-2021 0:00	2:10:33	222229,9844	825,9076538	164297,5625	825,1445923	57932,42188
08-01-2021 0:00	2:10:38	223321,4063	825,9408569	165308,3125	825,1118164	58013,09375
08-01-2021 0:00	2:10:43	222801,1406	825,9182129	164736,6094	825,0988159	58064,53125
08-01-2021 0:00	2:10:48	221992,4531	825,9023438	164197,0156	825,170105	57795,4375
08-01-2021 0:00	2:10:53	222661,9531	825,9023438	164770,5156	825,170105	57891,4375
08-01-2021 0:00	2:10:58	222132,9531	825,9187622	164212,3281	825,0911255	57920,625
08-01-2021 0:00	2:11:03	222427,9531	825,8909302	164541,9688	825,1166992	57885,98438
08-01-2021 0:00	2:11:08	223477,3281	825,9005127	165643,2188	825,102417	57834,10938
08-01-2021 0:00	2:11:13	222615,1875	825,9005127	164639,5938	825,102417	57975,59375
08-01-2021 0:00	2:11:18	221905,75	825,8710327	164062,2969	825,1221313	57843,45313
08-01-2021 0:00	2:11:23	222578,9844	825,8570557	164732,9375	825,1138306	57846,04688
08-01-2021 0:00	2:11:28	221953,8906	825,8694458	164207,2188	825,1713257	57746,67188
08-01-2021 0:00	2:11:33	223149,375	825,8694458	165295,2344	825,1713257	57854,14063
08-01-2021 0:00	2:11:38	222335,2969	825,873291	164532,3594	825,1584473	57802,9375
08-01-2021 0:00	2:11:43	221952,0156	825,8773804	164241,8438	825,1743164	57710,17188
08-01-2021 0:00	2:11:48	222620,375	825,8660278	165197,6094	825,1743164	57422,76563
08-01-2021 0:00	2:11:53	222193,2344	825,8660278	164398,3281	825,1065063	57794,90625
08-01-2021 0:00	2:11:58	222924,7656	825,8106689	165119,3594	825,0887451	57805,40625
08-01-2021 0:00	2:12:03	222542,4688	825,8493042	164529,0938	825,171814	58013,375
08-01-2021 0:00	2:12:08	223057,5	825,8493042	165197,3125	825,171814	57860,1875
08-01-2021 0:00	2:12:13	222760,5469	825,8834839	164816,4531	825,1646118	57944,09375
08-01-2021 0:00	2:12:18	222087,7188	825,8965454	164341,2188	825,1546631	57746,5
08-01-2021 0:00	2:12:23	222995,9688	825,8965454	165010,3125	825,164856	57985,65625
08-01-2021 0:00	2:12:28	222099,875	825,8450317	164291,5313	825,164856	57808,34375
08-01-2021 0:00	2:12:33	222676,5625	825,8313599	165159,1406	825,1263428	57517,42188
08-01-2021 0:00	2:12:38	222436,0781	825,8355713	164538,8438	825,1174927	57897,23438
08-01-2021 0:00	2:12:43	222005,875	825,8355713	164156,5	825,1174927	57849,375
08-01-2021 0:00	2:12:48	222802,6719	825,897644	164965,1406	825,137207	57837,53125
08-01-2021 0:00	2:12:53	222326,3438	825,8910522	164346,4531	825,1237183	57979,89063
08-01-2021 0:00	2:12:58	223444,9219	825,8184204	165687,6875	825,1078491	57757,23438
08-01-2021 0:00	2:13:03	222727,2188	825,8184204	164875,25	825,1078491	57851,96875
08-01-2021 0:00	2:13:08	221967,4531	825,7993164	164158,8594	825,1055298	57808,59375
08-01-2021 0:00	2:13:13	222995,8281	825			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.806	825,92	164.966	825,16	57.839
DESV EST	425,53	0,06	426,53	0,06	186,68
% DESV EST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	2:14:13	222236,25	825,8834229	164142,0469	825,196167
08-01-2021 0:00	2:14:18	223671,7969	825,8834229	165719	825,196167
08-01-2021 0:00	2:14:23	222940,5	825,9398199	164668,8906	825,1934204
08-01-2021 0:00	2:14:28	222396,6563	825,8288574	164593,3281	825,0903931
08-01-2021 0:00	2:14:33	223305,9688	825,8288574	165310,2031	825,1431885
08-01-2021 0:00	2:14:38	222390,3281	825,855835	164583,0938	825,1431885
08-01-2021 0:00	2:14:43	222520,7969	825,9049072	164544,2813	825,0969238
08-01-2021 0:00	2:14:48	223055,4531	825,8773804	165219,0156	825,0718994
08-01-2021 0:00	2:14:53	223198,625	825,8773804	165075,5781	825,0718994
08-01-2021 0:00	2:14:58	222192,2031	825,8894653	164333,625	825,1936646
08-01-2021 0:00	2:15:03	223010,4688	825,8718872	164959,4688	825,1700439
08-01-2021 0:00	2:15:08	222202,8594	825,852356	164346	825,1299438
08-01-2021 0:00	2:15:13	222920,1094	825,852356	165206,8906	825,1299438
08-01-2021 0:00	2:15:18	222143,6563	825,8947144	164355,5313	825,0844727
08-01-2021 0:00	2:15:23	222439,6875	825,8605957	164587,75	825,1188965
08-01-2021 0:00	2:15:28	221908,0313	825,8734741	164012,8281	825,0460815
08-01-2021 0:00	2:15:33	223055,75	825,8734741	165078,4063	825,0460815
08-01-2021 0:00	2:15:38	222191,5469	825,8866577	164447,6719	825,0942993
08-01-2021 0:00	2:15:43	222670,9688	825,8790283	165295,2031	825,1595459
08-01-2021 0:00	2:15:48	222622,1406	825,8710938	164674,0156	825,1745605
08-01-2021 0:00	2:15:53	222000,5781	825,8710938	164718,8594	825,1745605
08-01-2021 0:00	2:15:58	222677,1719	825,8359375	164773,3281	825,1403198
08-01-2021 0:00	2:16:03	222379,1094	825,8787231	164293,6719	825,149292
08-01-2021 0:00	2:16:08	223286,8281	825,8787231	165441,375	825,149292
08-01-2021 0:00	2:16:13	222661,5	825,8884277	164732,0469	825,1107788
08-01-2021 0:00	2:16:18	222760,8594	825,8718262	165019,4375	825,1072388
08-01-2021 0:00	2:16:23	222425,9688	825,8580933	164578	825,1656494
08-01-2021 0:00	2:16:28	223385,9219	825,8580933	165581,5625	825,1656494
08-01-2021 0:00	2:16:33	222761,5938	825,8668213	164775,8281	825,1273193
08-01-2021 0:00	2:16:38	222092,8594	825,8613281	164155,0313	825,1286621
08-01-2021 0:00	2:16:43	222999,2813	825,8613281	165063,1094	825,1328735
08-01-2021 0:00	2:16:48	222438,0313	825,8145752	164487,9844	825,1328735
08-01-2021 0:00	2:16:53	222863,4688	825,8327637	165166,3906	825,0852051
08-01-2021 0:00	2:16:58	222288,7344	825,8356323	164445,6563	825,1049805
08-01-2021 0:00	2:17:03	223149,8594	825,8356323	165878,6875	825,1049805
08-01-2021 0:00	2:17:08	222993,5469	825,8825073	165163,9219	825,0938721
08-01-2021 0:00	2:17:13	222514,4219	825,8864746	164774,1875	825,1323853
08-01-2021 0:00	2:17:18	222901,7344	825,8693237	165154,8906	825,1403198
08-01-2021 0:00	2:17:23	222279,9688	825,8693237	164581,4219	825,1403198
08-01-2021 0:00	2:17:28	223575,6719	825,8517456	165866,9531	825,164856
08-01-2021 0:00	2:17:33	222851,25	825,8740234	164767,2031	825,1680298
08-01-2021 0:00	2:17:38	222225,1406	825,8932495	164431,9219	825,1278687
08-01-2021 0:00	2:17:43	223468,2813	825,8932495	165491,1094	825,1278687
08-01-2021 0:00	2:17:48	222535,2344	825,8048096	164727,4063	825,1190796
08-01-2021 0:00	2:17:53	222436,9531	825,8151855	165406,8906	825,0654907
08-01-2021 0:00	2:17:58	223106,1875	825,885498	165263,5469	825,0654907
08-01-2021 0:00	2:18:03	222466,1875	825,885498	164435,5	825,1455078
08-01-2021 0:00	2:18:08	223140,3281	825,8709717	165343,3125	825,1466064
08-01-2021 0:00	2:18:13	222475,875	825,8549805	164626,3906	825,1470337
08-01-2021 0:00	2:18:18	222477,375	825,8549805	164674,2031	825,1470337
08-01-2021 0:00	2:18:23	222330,0781	825,8723145	165123,6406	825,0477295
08-01-2021 0:00	2:18:28	222804,1875	825,8905029	165045,5469	825,199646
08-01-2021 0:00	2:18:33	222566,5	825,9019165	164519,9219	825,1309814
08-01-2021 0:00	2:18:38	223089,4375	825,9019165	165393,4375	825,1309814
08-01-2021 0:00	2:18:43	222419,0781	825,9052734	164392,7344	825,116272
08-01-2021 0:00	2:18:48	222710,9844	825,8865967	164882,3281	825,0557861
08-01-2021 0:00	2:18:53	222185,0469	825,8865967	164213,2344	825,0962524
08-01-2021 0:00	2:18:58	222379,2344	825,8768311	164492,1719	825,0962524
08-01-2021 0:00	2:19:03	223239,7969	825,8762207	165302,5156	825,1107178
08-01-2021 0:00	2:19:08	222370,5781	825,907959	164483,3906	825,1414795
08-01-2021 0:00	2:19:13	222847,8594	825,907959	165056,0469	825,1414795
08-01-2021 0:00	2:19:18	222240,9531	825,8515015	164442,3125	825,1027832
08-01-2021 0:00	2:19:23	223251,5625	825,8276367	165027,9531	825,0404053
08-01-2021 0:00	2:19:28	222468,4531	825,8952026	164576,0781	825,1525269
08-01-2021 0:00	2:19:33	223138,0469	825,8952026	165245,875	825,1525269
08-01-2021 0:00	2:19:38	222669,0469	825,8566284	164928,4219	825,0645752
08-01-2021 0:00	2:19:43	222579,5781	825,8339844	165387,3594	825,1506958
08-01-2021 0:00	2:19:48	222815,0469	825,8466797	164958	825,1109619
08-01-2021 0:00	2:19:53	222049,875	825,8466797	164441,5156	825,1109619
08-01-2021 0:00	2:19:58	223006,8906	825,84375	165169,0313	825,051214
08-01-2021 0:00	2:20:03	222475,4219	825,8654785	164535,6563	825,114563
08-01-2021 0:00	2:20:08	222953,75	825,9286499	165109,9219	825,114563
08-01-2021 0:00	2:20:13	222554,4844	825,9286499	164531,0781	825,1420288
08-01-2021 0:00	2:20:18	222524,7969	825,8598022	164637,625	825,0854492
08-01-2021 0:00	2:20:23	222620,6094	825,8880005	165195,4688	825,1694946
08-01-2021 0:00	2:20:28	222325,9375	825,8880005	164478,6875	825,1694946
08-01-2021 0:00	2:20:33	223335,0469	825,869751	165783,6563	825,0940552
08-01-2021 0:00	2:20:38	222797,5156	825,9039307	165010,8594	825,1356812
08-01-2021 0:00	2:20:43	222319,3906	825,9039307	164580,8125	825,0616455
08-01-2021 0:00	2:20:48	224099,5625	825,8639526	165742,1875	825,0616455
08-01-2021 0:00	2:20:53	223103,8594	825,8308716	165057,8906	825,1397095
08-01-2021 0:00	2:20:58	222271,9063	825,9007568	164483,9063	825,1422729
08-01-2021 0:00	2:21:03	222749,0781	825,9007568	164818,4063	825,1422729
08-01-2021 0:00	2:21:08	222332,1094	825,8500366	164448,625	825,0739136
08-01-2021 0:00	2:21:13	222617,5313	825,8630981	164679,9844	825,1130981
08-01-2021 0:00	2:21:18	222540,4063	825,7920532	164867,8125	825,1306763
08-01-2021 0:00	2:21:23	222492,1094	825,7920532	164486,1406	825,1306763
08-01-2021 0:00	2:21:28	222295,5	825,8132935	164481,875	825,15271
08-01-2021 0:00	2:21:33	223097,6094	825,8539429	164916,7656	825,1245728
08-01-2021 0:00	2:21:38	222248,1094	825,8078613	164395,4844	825,1018677
08-01-2021 0:00	2:21:43	223443,7813	825,8078613	165733,6094	825,1018677
08-01-2021 0:00	2:21:48	222766,6875	825,8357544	164925,9063	825,0775146
08-01-2021 0:00	2:21:53	222173,3594	825,9105225	164213,4531	825,0545044
08-01-2021 0:00	2:21:58	222938,2656	825,8567505	165216,3281	825,0820313
08-01-2021 0:00	2:22:03	222665,5625	825,8567505	164494,1094	825,0820313
08-01-2021 0:00	2:22:08	222808,1563	825,8605347	165028,9063	825,0315552
08-01-2021 0:00	2:22:13	222524,0781	825,8499756	164540,4063	825,0897827
08-01-2021 0:00	2:22:18	223002,5625	825,8317261	165161,0156	825,0897827
08-01-2021 0:00	2:22:23	223007,1094	825,8317261	164960,6563	825,1370239
08-01-2021 0:00	2:22:28	222088,625	825,8695679	164210,6094	825,0616455
08-01-2021 0:00	2:22:33	223093,7656	825,8695679	165081,8594	825,005127
08-01-2021 0:00	2:22:38	222234,9844	825,8695679	164412,7344	825,005127
08-01-2021 0:00	2:22:43	222567,8438	825,8734131	164687,2656	825,0646362
08-01-2021 0:00	2:22:48	221812,3281	825,8322754	163976,2813	825,0338135
08-01-2021 0:00	2:22:53	223007,7656	825,8322754	164932,1406	825,0541992
08-01-2021 0:00	2:22:58	222091,2813	825,8622437	164259,1094	825,0541992

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
323MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.806	825,92	164.966	825,16	57.839	
DESV EST	425,53	0,06	426,53	0,06	186,68	
% DESV EST	0,1910%	0,0077%	0,2586%	0,0073%	0,3228%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	2:23:03	222761,875	825,8589478	165122,0156	825,033252	57639,85938
08-01-2021 0:00	2:23:08	222287,0938	825,8460693	164299,6563	825,0842896	57987,4375
08-01-2021 0:00	2:23:13	222956,4219	825,8460693	165207,625	825,0842896	57748,79688
08-01-2021 0:00	2:23:18	222291,4844	825,8289795	164487,7344	825,1038208	57803,75
08-01-2021 0:00	2:23:23	222337,4219	825,8328247	164778,375	825,0836792	57559,04688
08-01-2021 0:00	2:23:28	223012,5156	825,8132935	165299,4219	825,1075439	57713,09375
08-01-2021 0:00	2:23:33	223155,5156	825,8132935	165108,2656	825,1075439	58047,25
08-01-2021 0:00	2:23:38	222227,8281	825,8850708	164450,6719	825,0483398	57777,15625
08-01-2021 0:00	2:23:43	222974,25	825,7714233	165162,6875	825,0734863	57811,5625
08-01-2021 0:00	2:23:48	222428,9063	825,8417969	164636,9531	825,0788574	57791,95313
08-01-2021 0:00	2:23:53	223337,375	825,8417969	165495,5	825,0788574	57841,875
08-01-2021 0:00	2:23:58	222575,6094	825,8355713	164630,9375	825,1046143	57944,67188
08-01-2021 0:00	2:24:03	222100,0781	825,8265381	165060,8125	825,105957	57039,26563
08-01-2021 0:00	2:24:08	222817,0781	825,8049927	165060,7656	825,105957	57756,3125
08-01-2021 0:00	2:24:13	222296,75	825,8049927	164484,1406	825,1221924	57812,60938
08-01-2021 0:00	2:24:18	222854,375	825,8666992	165151,0938	825,1330566	57703,28125
08-01-2021 0:00	2:24:23	222289	825,8344116	164533,3281	825,1151733	57755,67188
08-01-2021 0:00	2:24:28	222480,6563	825,8344116	164821,5156	825,1151733	57659,14063
08-01-2021 0:00	2:24:33	222636,3438	825,7915649	165347,1875	825,111145	57289,15625
08-01-2021 0:00	2:24:38	222753,8281	825,8850708	164969,5156	825,0874023	57784,3125
08-01-2021 0:00	2:24:43	222275,6719	825,8565674	164300,75	825,0856934	57974,92188
08-01-2021 0:00	2:24:48	223430,6719	825,8565674	165591,8594	825,0856934	57838,8125
08-01-2021 0:00	2:24:53	222706,75	825,8806763	164930,4063	825,0465698	57776,34375
08-01-2021 0:00	2:24:58	222132,8281	825,8837891	164256,9063	825,0654907	57875,92188
08-01-2021 0:00	2:25:03	223327,8281	825,8837891	165498,7656	825,0891113	57829,0625
08-01-2021 0:00	2:25:08	222531,0313	825,8242798	164777,9844	825,0891113	57753,04688
08-01-2021 0:00	2:25:13	222035,75	825,8885498	164533,9531	825,1152344	57501,79688
08-01-2021 0:00	2:25:18	222485,25	825,8154297	164681,0156	825,1004639	57804,23438
08-01-2021 0:00	2:25:23	222246,3281	825,8154297	165158,9063	825,1004639	57087,42188
08-01-2021 0:00	2:25:28	222896,1406	825,8892822	165072,4844	825,0533447	57823,65625
08-01-2021 0:00	2:25:33	222714	825,8553467	164352,125	825,071106	58361,875
08-01-2021 0:00	2:25:38	223047,0469	825,8572998	165211,0313	825,0742188	57836,01563
08-01-2021 0:00	2:25:43	222234,1563	825,8572998	164637,5313	825,0742188	57596,625
08-01-2021 0:00	2:25:48	222811,9219	825,8392944	165026,1094	825,0422363	57785,8125
08-01-2021 0:00	2:25:53	222324,75	825,8700562	164306,375	825,0568848	58018,375
08-01-2021 0:00	2:25:58	222798,0781	825,8833618	164927,6719	825,0880737	57870,40625
08-01-2021 0:00	2:26:03	222366,75	825,8833618	164395,1875	825,0880737	57971,5625
08-01-2021 0:00	2:26:08	222705,8438	825,8672485	164870,0625	825,1036377	57835,78125
08-01-2021 0:00	2:26:13	222093,9844	825,8295898	164063,5	825,0733032	58030,48438
08-01-2021 0:00	2:26:18	223098,2656	825,8117676	165210,4844	825,0733032	57887,78125
08-01-2021 0:00	2:26:23	222672,6875	825,8117676	164629,1094	825,1137085	58043,57813
08-01-2021 0:00	2:26:28	223332,8594	825,847229	165398,125	825,0914307	57934,73438
08-01-2021 0:00	2:26:33	223045,6406	825,8545532	165021,6406	825,0578003	58024
08-01-2021 0:00	2:26:38	222232	825,8545532	164495,8906	825,0578003	57736,10938
08-01-2021 0:00	2:26:43	223109,9531	825,7943726	165251,1875	825,1098633	57858,76563
08-01-2021 0:00	2:26:48	222377,2188	825,8528442	164692,0469	825,0358276	57685,17188
08-01-2021 0:00	2:26:53	223668,4219	825,8528442	165551,625	825,062439	58116,79688
08-01-2021 0:00	2:26:58	222866,2188	825,8106079	165068,4844	825,062439	57797,73438
08-01-2021 0:00	2:27:03	222385,9219	825,8156738	164968,7344	825,0842896	57417,1875
08-01-2021 0:00	2:27:08	223121,375	825,7457275	165352,7188	825,0755615	57768,65625
08-01-2021 0:00	2:27:13	222404,9063	825,7457275	164396,0781	825,0755615	58008,82813
08-01-2021 0:00	2:27:18	222957	825,8325806	165067,1406	825,0654907	57889,85938
08-01-2021 0:00	2:27:23	222478,1406	825,8343506	164585,6094	825,0840454	57892,53125
08-01-2021 0:00	2:27:28	222868,6875	825,8044434	164893,9531	824,9729614	57974,73438
08-01-2021 0:00	2:27:33	222342,4844	825,8044434	164463,7344	824,9729614	57878,75
08-01-2021 0:00	2:27:38	222916	825,8070068	165073,375	825,0372925	57842,625
08-01-2021 0:00	2:27:43	222720,6094	825,8215942	164825,0938	825,0853271	57895,51563
08-01-2021 0:00	2:27:48	222324,125	825,8724365	164401,25	825,0532837	57922,875
08-01-2021 0:00	2:27:53	223232,4844	825,8724365	165356,3125	825,0532837	57876,17188
08-01-2021 0:00	2:27:58	222631,3281	825,7962646	164733,875	825,05896	57897,45313
08-01-2021 0:00	2:28:03	223398,2813	825,7891235	165541,5	825,0837402	57856,78125
08-01-2021 0:00	2:28:08	222679,4063	825,8225708	164776,8594	825,053833	57902,54688
08-01-2021 0:00	2:28:13	222288,3125	825,8225708	165117,25	825,053833	57171,0625
08-01-2021 0:00	2:28:18	222538,7188	825,7747192	164739,1719	825,0355225	57799,54688
08-01-2021 0:00	2:28:23	222041,1875	825,8490601	164400,4844	825,0604858	57640,70313
08-01-2021 0:00	2:28:28	222901,6406	825,8030396	165069,5938	825,0604858	57832,04688
08-01-2021 0:00	2:28:33	222435,5781	825,8030396	164406,0625	825,0316772	58029,51563
08-01-2021 0:00	2:28:38	223102,3594	825,8154297	165161,1563	825,0812378	57941,20313
08-01-2021 0:00	2:28:43	222670,875	825,8742065	164632,375	825,0932617	58038,5
08-01-2021 0:00	2:28:48	223371,5469	825,8742065	165492,6406	825,0932617	57878,90625
08-01-2021 0:00	2:28:53	222964,6094	825,7841187	164836,375	825,0229492	58128,23438
08-01-2021 0:00	2:28:58	222051,3594	825,8041992	164300,0313	825,0780029	57751,32813
08-01-2021 0:00	2:29:03	223342,125	825,8041992	165303,6875	825,0970459	58038,4375
08-01-2021 0:00	2:29:08	222493,3594	825,7573242	164630,8594	825,0970459	57862,5
08-01-2021 0:00	2:29:13	222390,0938	825,788147	165252,8438	825,0935669	57137,25
08-01-2021 0:00	2:29:18	222871	825,7767944	165057,4219	825,1115112	57813,57813
08-01-2021 0:00	2:29:23	222297,1875	825,7767944	164436,2188	825,1115112	57860,96875
08-01-2021 0:00	2:29:28	223398,625	825,7709351	165589,8594	825,0808105	57808,76563
08-01-2021 0:00	2:29:33	223252,4063	825,7849121	164893,0938	824,9813232	58359,3125
08-01-2021 0:00	2:29:38	222290,4531	825,8105469	164402,9219	825,0402832	57887,53125
08-01-2021 0:00	2:29:43	223007,625	825,8105469	165023,4844	825,0402832	57984,14063
08-01-2021 0:00	2:29:48	222145,5313	825,8168335	164493,2188	825,0639648	57652,3125
08-01-2021 0:00	2:29:53	223301,25	825,7860718	165442,8281	825,0955811	57858,42188
08-01-2021 0:00	2:29:58	222534,3594	825,7927246	164773,7813	825,1185913	57760,57813
08-01-2021 0:00	2:30:03	222773,6563	825,7927246	165342,7344	825,1185913	57430,92188

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1		DENSIDAD_ENTRADA_TG1		FLUJO_RETORNO_TG1		DENSIDAD_RETORNO_TG1		Consumo [l/h]
	ValueY [l/h]		ValueY [kg/m3]		ValueY [l/h]		ValueY [kg/m3]		
PROMEDIO	222.712		825,63		167.390		824,90		55.321
DESV EST	412,35		0,07		422,54		0,07		215,56
% DESV EST	0,1851%		0,0085%		0,2524%		0,0089%		0,3897%
DATOS	721		721		721		721		721
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3		l/h		kg/m3		l/h
08:01:2021 0:00	3:00:03	222440,0938	825,7246094		166938,5313		825,0102539		55501,5625
08:01:2021 0:00	3:00:08	222723,4531	825,7387695		167512,4063		825,012207		55211,04688
08:01:2021 0:00	3:00:13	222342,0313	825,7387695		167369,1094		825,0065308		54972,92188
08:01:2021 0:00	3:00:18	223012,0938	825,7359009		167704,7188		825,0065308		55307,375
08:01:2021 0:00	3:00:23	222681,7813	825,7196045		167078,375		825,0322266		55603,40625
08:01:2021 0:00	3:00:28	223682,0938	825,7339478		168321,7656		825,0203247		55360,32813
08:01:2021 0:00	3:00:33	223012,1719	825,7339478		167509,3438		825,0203247		55502,82813
08:01:2021 0:00	3:00:38	222298,8438	825,7243042		166981,125		825,0328369		55317,71875
08:01:2021 0:00	3:00:43	223859,125	825,795166		168562,4688		825,0117188		55296,65625
08:01:2021 0:00	3:00:48	223026,1094	825,6901855		167704,0313		825,0022583		55322,07813
08:01:2021 0:00	3:00:53	222356,6406	825,6901855		167131,2656		825,0022583		55225,375
08:01:2021 0:00	3:00:58	223257,0469	825,7144775		167890,625		825,0293579		55366,42188
08:01:2021 0:00	3:01:03	222627,9688	825,7379761		167273,6094		825,0075684		55354,35938
08:01:2021 0:00	3:01:08	223208,2188	825,7136841		167847,125		825,0452271		55361,09375
08:01:2021 0:00	3:01:13	222586,3594	825,7136841		167122,8281		825,0452271		55463,53125
08:01:2021 0:00	3:01:18	222757,9531	825,7941284		167322,6406		825,0012817		55435,3125
08:01:2021 0:00	3:01:23	222574,7656	825,756958		167561,8594		824,9998779		55012,90625
08:01:2021 0:00	3:01:28	223289,3906	825,7128906		167800,8281		825,0602417		55488,5625
08:01:2021 0:00	3:01:33	222440,1563	825,7128906		167071,2813		825,0602417		55368,875
08:01:2021 0:00	3:01:38	223298,8125	825,7223511		167969,4219		825,1101074		55329,39063
08:01:2021 0:00	3:01:43	222860,9688	825,7492676		167516,875		824,9819336		55344,09375
08:01:2021 0:00	3:01:48	222478,7188	825,7492676		167134,5625		824,9819336		55344,15625
08:01:2021 0:00	3:01:53	222712,7656	825,7678223		167321,7344		825,0018311		55391,03125
08:01:2021 0:00	3:01:58	223205,3125	825,7141724		168132,5781		825,010376		55072,73438
08:01:2021 0:00	3:02:03	223013,4219	825,7034302		167750,2188		825,0458374		55263,20313
08:01:2021 0:00	3:02:08	222490,5313	825,7034302		167074,1094		825,0458374		55416,42188
08:01:2021 0:00	3:02:13	223157,5781	825,7138062		167796,4375		825,0181274		55361,14063
08:01:2021 0:00	3:02:18	222375,3594	825,7783813		167175,6563		825,0158691		55199,70313
08:01:2021 0:00	3:02:23	222757,8125	825,7783813		167699,875		825,0326538		55057,9375
08:01:2021 0:00	3:02:28	222481,8125	825,7402344		167171,175		825,0326538		55310,3125
08:01:2021 0:00	3:02:33	222396,9688	825,7032471		167598,6563		825,0442505		54798,3125
08:01:2021 0:00	3:02:38	222711,6875	825,7786865		167263,5156		825,0473633		55448,17188
08:01:2021 0:00	3:02:43	222184,5938	825,7786865		166642,8906		825,0473633		55541,70313
08:01:2021 0:00	3:02:48	222672,3438	825,7432251		167222,7969		825,0151978		55449,54688
08:01:2021 0:00	3:02:53	222053,1719	825,7345581		167270,4375		825,0159302		54782,73438
08:01:2021 0:00	3:02:58	223208	825,7053833		167894,5625		825,0016479		55313,4375
08:01:2021 0:00	3:03:03	222634,1094	825,7053833		167179,1406		825,0016479		55454,96875
08:01:2021 0:00	3:03:08	223354,5	825,6991577		167898,1719		824,9911499		55456,32813
08:01:2021 0:00	3:03:13	223252,2813	825,7223511		167791,3594		825,0401001		55460,92188
08:01:2021 0:00	3:03:18	222582,9375	825,6569824		167217,7656		825,0254517		55365,17188
08:01:2021 0:00	3:03:23	222791,5469	825,6569824		167746,4688		825,0254517		55045,07813
08:01:2021 0:00	3:03:28	222956,2188	825,755127		167559,5469		825,0036621		55396,67188
08:01:2021 0:00	3:03:33	222149,3281	825,7311401		166701,7813		824,9873657		55447,54688
08:01:2021 0:00	3:03:38	222675,2969	825,7406006		167179,7031		824,9873657		55495,59375
08:01:2021 0:00	3:03:43	222290,4063	825,7406006		166700,7656		824,9924316		55589,64063
08:01:2021 0:00	3:03:48	223260,7031	825,687561		167608,6094		824,9938965		55652,09375
08:01:2021 0:00	3:03:53	222734,8594	825,6659546		166786,6719		825,0379639		55948,1875
08:01:2021 0:00	3:03:58	222932,0938	825,6659546		167359,4063		825,0379639		55572,6875
08:01:2021 0:00	3:04:03	222485,9531	825,7254639		166742,5781		825,0192261		55743,375
08:01:2021 0:00	3:04:08	222381,5	825,7592163		166748,1719		824,9909058		55633,32813
08:01:2021 0:00	3:04:13	223290	825,7592163		167608,4063		825,029541		55681,59375
08:01:2021 0:00	3:04:18	222437,2188	825,7287598		166883,9219		825,029541		55553,29688
08:01:2021 0:00	3:04:23	223298,4688	825,7267456		167941,9844		824,9961548		55356,48438
08:01:2021 0:00	3:04:28	222819,5313	825,7242432		167187,0625		824,9535522		55632,46875
08:01:2021 0:00	3:04:33	222341,6563	825,7242432		166708,375		824,9535522		55633,28125
08:01:2021 0:00	3:04:38	223105,8594	825,727417		167553,6563		825,0300293		55552,20313
08:01:2021 0:00	3:04:43	222735,6563	825,6807861		166931,8281		825,0324097		55803,82813
08:01:2021 0:00	3:04:48	222729,625	825,7039185		167135,5625		824,968811		55594,0625
08:01:2021 0:00	3:04:53	222299,4531	825,7039185		167374,5625		824,968811		54924,89063
08:01:2021 0:00	3:04:58	223018,2656	825,6959229		167432,9844		824,9146729		55585,28125
08:01:2021 0:00	3:05:03	222530,4063	825,729248		166892,2813		824,9828491		55638,125
08:01:2021 0:00	3:05:08	222775,4688	825,7072754		167418,0313		825,053833		55357,4375
08:01:2021 0:00	3:05:13	222440,6875	825,7072754		166830,6094		825,053833		55610,07813
08:01:2021 0:00	3:05:18	223361,2656	825,6625977		167758,625		824,956665		55602,64063
08:01:2021 0:00	3:05:23	222628,375	825,7216797		166742,5156		825,0194092		55885,85938
08:01:2021 0:00	3:05:28	223153,3594	825,7008667		167603,4844		824,9887085		55549,875
08:01:2021 0:00	3:05:33	222775,9219	825,7008667		167275,0156		824,9887085		55500,90625
08:01:2021 0:00	3:05:38	222928,4219	825,6676636		167405,4844		825,050415		55522,9375
08:01:2021 0:00	3:05:43	223336,2031	825,7533569		167520,0625		824,9542236		55816,14063
08:01:2021 0:00	3:05:48	222378,9375	825,6813354		166946,5313		824,9542236		55432,40625
08:01:2021 0:00	3:05:53	222923,8125	825,6813354		167466,9219		824,977356		55456,89063
08:01:2021 0:00	3:05:58	222356,9375	825,6588135		166982,2188		825,0115967		55374,71875
08:01:2021 0:00	3:06:03	223695,9219	825,7636719		168132,2969		824,9963379		55563,625
08:01:2021 0:00	3:06:08	222759,4844	825,7636719		167319,7969		824,9963379		55439,6875
08:01:2021 0:00	3:06:13	222448,0781	825,6766357		167035,9219		824,9818726		55412,15625
08:01:2021 0:00	3:06:18	222821,3125	825,7102051		167364,2188		825,017334		55457,09375
08:01:2021 0:00	3:06:23	222391,1875	825,7102051		166838,5313		825,0574341		55552,65625
08:01:2021 0:00	3:06:28	222739,3906	825,7295532		167929,0313		825,0574341		55366,35938
08:01:2021 0:00	3:06:33	222732,0469	825,6896362		167106,9063		825,1066284		55625,14063
08:01:2021 0:00	3:06:38	222687,1563	825,6792603		167231,175		824,9580688		55455,40625
08:01:2021 0:00	3:06:43	222735,0625	825,6792603		167136,1875		824,9580688		55598,875
08:01:2021 0:00	3:06:48	223036,3281	825,659668		167797,25		824,9992065		55229,07813
08:01:2021 0:00	3:06:53	222723,7656	825,7183007		167223,1406		825,0016479		55500,625
08:01:2021 0:									

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.712	825,63	167.390	824,90	55.321	
DESV EST	412,35	0,07	422,54	0,07	215,56	
% DESV EST	0,1851%	0,0085%	0,2524%	0,0089%	0,3897%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	3:08:53	222697,4063	825,6408081	167370,0938	824,9683228	55327,3125
08-01-2021 0:00	3:08:58	223640,8125	825,6900024	168370,4688	824,9848633	55270,34375
08-01-2021 0:00	3:09:03	222914,25	825,720459	167654,3594	824,980957	55259,89063
08-01-2021 0:00	3:09:08	222211,5625	825,664978	167025,9531	825,0172119	55185,60938
08-01-2021 0:00	3:09:13	223120,1406	825,664978	167742,8438	825,0172119	55377,29688
08-01-2021 0:00	3:09:18	222489,4063	825,696106	167273,7031	824,9726563	55215,70313
08-01-2021 0:00	3:09:23	222822,4688	825,7032471	167658,9531	824,9578247	55163,51563
08-01-2021 0:00	3:09:28	222502,2344	825,6478271	167134,7188	824,9450073	55367,51563
08-01-2021 0:00	3:09:33	223123,0938	825,6478271	167710,7813	824,9450073	55412,3125
08-01-2021 0:00	3:09:38	222446,25	825,6755981	167084,3281	824,9673462	55361,92188
08-01-2021 0:00	3:09:43	222347,3438	825,6882324	166949,4063	824,9242554	55397,9375
08-01-2021 0:00	3:09:48	223111,3906	825,6790771	167809,7813	824,9242554	55301,60938
08-01-2021 0:00	3:09:53	222682,3281	825,6790771	167222,8594	824,9880371	55459,46875
08-01-2021 0:00	3:09:58	223263,5	825,6514282	167847,6406	824,9702759	55415,85938
08-01-2021 0:00	3:10:03	222402,3438	825,6658936	167072,6563	825,0227661	55329,6875
08-01-2021 0:00	3:10:08	222781,5313	825,6658936	167503,5313	825,0227661	55278
08-01-2021 0:00	3:10:13	222357,875	825,6366577	167518,9688	824,944397	54838,90625
08-01-2021 0:00	3:10:18	222641,0625	825,6455078	167530,0625	824,8844604	55111
08-01-2021 0:00	3:10:23	222558,4844	825,6821289	166908,6875	825,0435791	55349,79688
08-01-2021 0:00	3:10:28	222917,2188	825,6821289	167498,6563	825,0435791	55418,5625
08-01-2021 0:00	3:10:33	222673,3281	825,7030664	167178,0156	824,9729004	55495,3125
08-01-2021 0:00	3:10:38	222907,0156	825,7230835	167565,3281	824,9478149	55341,6875
08-01-2021 0:00	3:10:43	222285,3281	825,7230835	166896,25	824,9433594	55389,07813
08-01-2021 0:00	3:10:48	223348,4219	825,680542	168044,1563	824,9433594	55304,26563
08-01-2021 0:00	3:10:53	222694,4375	825,6207886	167364,8906	824,9949341	55329,54688
08-01-2021 0:00	3:10:58	222312,0781	825,6213379	167071,9844	825,0261841	55240,09375
08-01-2021 0:00	3:11:03	222646,8281	825,6213379	167740,2656	825,0261841	54906,5625
08-01-2021 0:00	3:11:08	222687,0469	825,6494751	167416,9219	824,9658203	55270,1125
08-01-2021 0:00	3:11:13	222554,9688	825,6027222	168075,75	825,0212402	54479,21875
08-01-2021 0:00	3:11:18	223010,375	825,6855469	167694,2031	825,0106812	55316,17188
08-01-2021 0:00	3:11:23	222819,4531	825,6855469	167170,6406	825,0106812	55648,8125
08-01-2021 0:00	3:11:28	223309,0313	825,6484985	167843,8906	824,9893188	55465,14063
08-01-2021 0:00	3:11:33	222586,6094	825,6677856	167171,9688	825,0038452	55414,64063
08-01-2021 0:00	3:11:38	223925,7656	825,7062988	168414,5469	824,9621582	55511,21875
08-01-2021 0:00	3:11:43	223007,5938	825,7062988	167705,9219	824,9621582	55301,67188
08-01-2021 0:00	3:11:48	222385,5469	825,7092285	167137,2656	824,9372559	55248,28125
08-01-2021 0:00	3:11:53	223164,4844	825,6528931	167751,7969	824,9677734	55412,6875
08-01-2021 0:00	3:11:58	222494,9063	825,6755371	167178,2656	824,9677734	55316,64063
08-01-2021 0:00	3:12:03	223445,2813	825,6755371	168132,6406	824,9752808	55312,64063
08-01-2021 0:00	3:12:08	222817,75	825,6980591	167609,0938	824,9643555	55208,65625
08-01-2021 0:00	3:12:13	222436,5469	825,6432495	167840,4844	825,0026855	54596,0625
08-01-2021 0:00	3:12:18	223120	825,6432495	167840,4844	825,0026855	55279,51563
08-01-2021 0:00	3:12:23	222633,25	825,6766968	167464,4219	824,9710083	55168,82813
08-01-2021 0:00	3:12:28	222783	825,6517944	167805,5156	824,9376831	54977,48438
08-01-2021 0:00	3:12:33	222304,5938	825,6517944	167327,5469	824,9901733	54977,04688
08-01-2021 0:00	3:12:38	223249,7656	825,6985474	168320,875	824,9901733	54928,89063
08-01-2021 0:00	3:12:43	222737,4531	825,649353	167370,9844	824,960083	55366,46875
08-01-2021 0:00	3:12:48	222408,2813	825,6296997	167076,5156	824,9952393	55331,76563
08-01-2021 0:00	3:12:53	223222,25	825,6296997	167793,4531	824,9952393	55428,79688
08-01-2021 0:00	3:12:58	222395,1563	825,6869507	167095,0938	824,9009399	55300,0625
08-01-2021 0:00	3:13:03	222933,1719	825,6424561	167465,4688	824,9619141	55467,70313
08-01-2021 0:00	3:13:08	222544,3594	825,666748	167177,2969	824,9691162	55367,0625
08-01-2021 0:00	3:13:13	223166,8125	825,666748	167655,9531	824,9691162	55510,85938
08-01-2021 0:00	3:13:18	222356,0313	825,6624146	167124,4844	824,9943848	55231,54688
08-01-2021 0:00	3:13:23	223290,9063	825,7432861	167905,2344	824,913147	55385,67188
08-01-2021 0:00	3:13:28	222631,8594	825,7070923	167283,9219	824,9866943	55347,9375
08-01-2021 0:00	3:13:33	222918,9063	825,7070923	168225,2656	824,9866943	54693,64063
08-01-2021 0:00	3:13:38	223054,9531	825,7383423	167701,5313	824,9767456	55353,42188
08-01-2021 0:00	3:13:43	222545,75	825,6746826	167077,5469	824,9902344	55468,20313
08-01-2021 0:00	3:13:48	222928,4063	825,6663208	167603,2656	824,989502	55325,14063
08-01-2021 0:00	3:13:53	222500,2656	825,6663208	167316,6563	824,989502	55183,60938
08-01-2021 0:00	3:13:58	222686,0156	825,687561	167418,7344	824,9598389	55267,28125
08-01-2021 0:00	3:14:03	222203,1719	825,7012939	167508,7188	824,9885864	54694,45313
08-01-2021 0:00	3:14:08	223159,2344	825,7033081	167843,25	824,9885864	55315,98438
08-01-2021 0:00	3:14:13	222871,9844	825,7033081	167510,7031	824,9781494	55361,28125
08-01-2021 0:00	3:14:18	222791,0625	825,6433716	167516,9219	824,9433594	55274,14063
08-01-2021 0:00	3:14:23	222503,8906	825,6693726	167083,3125	824,9607544	55420,57813
08-01-2021 0:00	3:14:28	222497,3438	825,6693726	167131,1563	824,9607544	55366,1875
08-01-2021 0:00	3:14:33	222492,5781	825,6878662	166933,4375	824,9936523	55559,14063
08-01-2021 0:00	3:14:38	223382,4063	825,7542114	168044,0781	824,9362183	55338,32813
08-01-2021 0:00	3:14:43	222760,7969	825,7542114	167422,7344	824,9632568	55338,0625
08-01-2021 0:00	3:14:48	222140,8281	825,7515869	166844,5781	824,9632568	55296,25
08-01-2021 0:00	3:14:53	222865,2188	825,7250977	167315,9844	824,9962769	55549,23438
08-01-2021 0:00	3:14:58	223196,625	825,7390137	167841,8438	824,9959106	55354,78125
08-01-2021 0:00	3:15:03	222909,2813	825,7390137	167316,0938	824,9959106	55593,1875
08-01-2021 0:00	3:15:08	222205,5625	825,6879883	166700,0313	824,9690552	55505,53125
08-01-2021 0:00	3:15:13	223725,6719	825,725708	168077,0156	825,0110474	55648,65625
08-01-2021 0:00	3:15:18	223162,9063	825,684021	167182,0469	824,9447632	55980,85938
08-01-2021 0:00	3:15:23	222302,3125	825,684021	167037,9531	824,9447632	55264,35938
08-01-2021 0:00	3:15:28	222692,2656	825,6546021	167383,6406	824,8844604	55308,625
08-01-2021 0:00	3:15:33	222262,7031	825,656189	166802,0313	824,9290161	55460,67188
08-01-2021 0:00	3:15:38	222771,2656	825,7224121	167519,0156	824,9672852	55252,25
08-01-2021 0:00	3:15:43	222341,0156	825,7224121	166937,9531	824,9672852	55403,0625
08-01-2021 0:00	3:15:48	222436,2656	825,72052	166992,3438	824,9296265	55443,92188
08-01-2021 0:00	3:15:53	223127,9219	825,6359253	167891,4063	824,9754028	55236,51563
08-01-2021 0:00	3:15:58	222361,4844	825,6832275	167270,125	824,9281616	55091,35938
08-01-2021 0:00	3:16:03	223496,2031	825,6832275	168569,9063	824,9281616	54926,29688
08-01-2021 0:00	3:16:08	222919,3281	825,6918945	167709,7188	824,9274902	55209,60938
08-01-2021 0:00	3:16:13	222488	825,6636353	167133,9063	824,9349365	55354,09375
08-01-2021 0:00	3:16:18	222830,5	825,6636353	167611,8906	824,9349365	55218,60938
08-01-2021 0:00	3:16:23	222299,2656	825,6794434	167140,3594	824,9024658	55158,90625
08-01-2021 0:00	3:16:28	223341,9375	825,715332	168127,7969	824,984314	55214,14063
08-01-2021 0:00	3:16:33	222624,5156	825,7163086	167219,0469	824,9382935	55405,46875
08-01-2021 0:00	3:16:38	223053,7656	825,7163086	167706,0938	824,9382935	55347,67188
08-01-2021 0:00	3:16:43	222695,2656	825,			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.712	825,63	167.390	824,90	55.321	
DESV EST	412,35	0,07	422,54	0,07	215,56	
% DESV EST	0,1851%	0,0085%	0,2524%	0,0089%	0,3897%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	3:17:43	222208,5156	825,6654663	167574,0781	824,8765869	54634,4375
08-01-2021 0:00	3:17:48	222831,1406	825,6575928	167478,4531	824,9224243	55352,6875
08-01-2021 0:00	3:17:53	222113,8125	825,6575928	167134,8906	824,9224243	54978,92188
08-01-2021 0:00	3:17:58	223324,8125	825,5948486	168129,8906	824,9663086	55194,92188
08-01-2021 0:00	3:18:03	222634,5938	825,6740112	167375,875	824,9121704	55258,71875
08-01-2021 0:00	3:18:08	223016,2813	825,7109375	167901,6406	824,9121704	55114,64063
08-01-2021 0:00	3:18:13	222623,9219	825,7109375	167423,3906	824,9138184	55200,53125
08-01-2021 0:00	3:18:18	222772,7188	825,6907959	167803,4688	824,925354	54969,25
08-01-2021 0:00	3:18:23	222629,2188	825,6732178	167238,0313	824,8839722	55391,1875
08-01-2021 0:00	3:18:28	222873	825,6732178	167668,2188	824,8839722	55204,78125
08-01-2021 0:00	3:18:33	222442,6719	825,6725464	167087,9531	824,9217529	55354,71875
08-01-2021 0:00	3:18:38	222598,0313	825,6329346	167372,7813	824,9315796	55225,25
08-01-2021 0:00	3:18:43	223172,0938	825,6757202	168186,0313	824,8730469	54986,0625
08-01-2021 0:00	3:18:48	222777,7969	825,6757202	167432,875	824,8730469	55344,92188
08-01-2021 0:00	3:18:53	222111	825,6645508	167190,6406	824,8895264	54920,35938
08-01-2021 0:00	3:18:58	222410,4219	825,6174927	167331,7813	824,901062	55078,64063
08-01-2021 0:00	3:19:03	223032,2031	825,6174927	168622,2656	824,8865356	54409,9375
08-01-2021 0:00	3:19:08	222864,6406	825,7028198	167574,4375	824,8865356	55290,20313
08-01-2021 0:00	3:19:13	222490,5313	825,6672363	167217,7344	824,9984131	55272,79688
08-01-2021 0:00	3:19:18	222844,2969	825,5961914	167607,4688	824,9570923	55236,82813
08-01-2021 0:00	3:19:23	222413,6719	825,5961914	166986,1563	824,9570923	55427,51563
08-01-2021 0:00	3:19:28	223273,25	825,6019897	168043,8125	824,9297485	55229,4375
08-01-2021 0:00	3:19:33	222591,5781	825,6470337	167280,0156	824,9209595	55311,5625
08-01-2021 0:00	3:19:38	222913,8281	825,6952515	167710,1875	824,9244385	55203,64063
08-01-2021 0:00	3:19:43	222674,5781	825,6952515	167518,2656	824,9244385	55156,3125
08-01-2021 0:00	3:19:48	222018,4375	825,6452637	166990,2344	824,9080811	55118,20313
08-01-2021 0:00	3:19:53	222355,625	825,6365967	167469,6094	824,9331665	54886,01563
08-01-2021 0:00	3:19:58	222738,0781	825,6425171	167278,4063	824,9047852	54549,6188
08-01-2021 0:00	3:20:03	222736,5156	825,6425171	168000,9375	824,9047852	54735,57813
08-01-2021 0:00	3:20:08	223164,3594	825,6516113	167603,1563	824,9869385	55561,20313
08-01-2021 0:00	3:20:13	222745,5469	825,836853	167411,1719	824,7382813	55334,375
08-01-2021 0:00	3:20:18	223463,0156	825,6091309	168172,8906	825,001709	55290,125
08-01-2021 0:00	3:20:23	223059,6719	825,6860962	167708,6563	824,9324341	55351,01563
08-01-2021 0:00	3:20:28	222913,1406	825,6957397	167467,6719	824,9324341	55445,46875
08-01-2021 0:00	3:20:33	222960,9063	825,8829346	167563,2656	824,6980591	55397,64063
08-01-2021 0:00	3:20:38	223313,7969	825,6278076	167941,8125	824,9660645	55371,98438
08-01-2021 0:00	3:20:43	222908,6094	825,7127075	167745,7031	824,9910278	55162,90625
08-01-2021 0:00	3:20:48	222495,7344	825,7127075	167414,3906	824,9910278	55081,34375
08-01-2021 0:00	3:20:53	222973,8438	825,6501465	167796,75	824,9745483	55177,09375
08-01-2021 0:00	3:20:58	222815,5938	825,7064819	167516,8594	824,9395142	55298,73438
08-01-2021 0:00	3:21:03	222779,8594	825,850708	167419,75	824,6984863	55360,10938
08-01-2021 0:00	3:21:08	222881,6563	825,6640015	167702,2656	824,9472656	55179,39063
08-01-2021 0:00	3:21:13	222355,2344	825,6410522	167033,1563	824,968811	55322,07813
08-01-2021 0:00	3:21:18	223416,9688	825,6035156	168326,1875	824,9592285	55090,78125
08-01-2021 0:00	3:21:23	222730,3281	825,6675415	167662,4844	824,9282227	55067,84375
08-01-2021 0:00	3:21:28	222153,5781	825,6675415	167173,7031	824,9282227	54979,875
08-01-2021 0:00	3:21:33	223157,875	825,8619995	168081,7344	824,7304688	55076,14063
08-01-2021 0:00	3:21:38	222356,3281	825,6315918	167181,125	824,9415894	55175,20313
08-01-2021 0:00	3:21:43	222741,5625	825,6315918	167510,3594	824,9415894	55231,20313
08-01-2021 0:00	3:21:48	223448,9531	825,6260986	167750,0313	824,9689941	55698,92188
08-01-2021 0:00	3:21:53	222780	825,8516846	167412,7344	824,7299194	55367,26563
08-01-2021 0:00	3:21:58	223408,3281	825,6495972	168145,0938	824,9006958	55263,23438
08-01-2021 0:00	3:22:03	222890,6563	825,8342285	167619,3438	824,6519775	55271,3125
08-01-2021 0:00	3:22:08	222126,5938	825,6159668	166945,4219	824,9208984	55181,17188
08-01-2021 0:00	3:22:13	222782,2969	825,6677856	167712,7656	824,9075928	55069,53125
08-01-2021 0:00	3:22:18	222211,7344	825,6565552	166744,3281	824,9752197	55467,40625
08-01-2021 0:00	3:22:23	222927,9688	825,8429565	167413,5	824,7263794	55514,46875
08-01-2021 0:00	3:22:28	222210,5	825,6526489	166859,0938	824,8777466	55351,40625
08-01-2021 0:00	3:22:33	223117,0156	825,6573486	167654,5469	824,9643555	55462,46875
08-01-2021 0:00	3:22:38	222439,875	825,6903687	167083,9844	824,9643555	55355,89063
08-01-2021 0:00	3:22:43	222774,7031	825,6903687	167418,5313	824,9492798	55356,17188
08-01-2021 0:00	3:22:48	222166,0781	825,6365356	166707,875	824,9177856	55458,20313
08-01-2021 0:00	3:22:53	222876,4531	825,6633301	167535,4063	824,845459	55341,04688
08-01-2021 0:00	3:22:58	222297,75	825,6633301	166901,5313	824,845459	55396,21875
08-01-2021 0:00	3:23:03	222774,875	825,6856689	167809	824,9009399	54965,875
08-01-2021 0:00	3:23:08	222341,0625	825,6963501	166992,7188	824,9232788	55348,34375
08-01-2021 0:00	3:23:13	222747,9531	825,5987549	167370,375	824,9474487	55377,57813
08-01-2021 0:00	3:23:18	222446,8281	825,5987549	166935,875	824,9474487	55510,95313
08-01-2021 0:00	3:23:23	223257,6094	825,6536865	167796,1719	824,9692993	55461,4375
08-01-2021 0:00	3:23:28	222395,6875	825,6585083	167035,0313	824,951416	55360,65625
08-01-2021 0:00	3:23:33	223501,3281	825,8458252	168091,9531	824,7023926	55409,375
08-01-2021 0:00	3:23:38	222776,9688	825,6327515	167364,8594	824,9237671	55412,10938
08-01-2021 0:00	3:23:43	222106,5156	825,654541	166839,8594	824,9715576	55266,65625
08-01-2021 0:00	3:23:48	222687,2031	825,6277466	167519,3906	824,9188232	55167,8125
08-01-2021 0:00	3:23:53	222199	825,6277466	166804,0313	824,9188232	55394,96875
08-01-2021 0:00	3:23:58	223490,2031	825,6659546	168285,75	824,9105835	55204,45313
08-01-2021 0:00	3:24:03	222917,0938	825,8423462	167703,3281	824,7069702	55213,76563
08-01-2021 0:00	3:24:08	222310,9375	825,6011963	166949,0156	824,9025879	55361,92188
08-01-2021 0:00	3:24:13	222719,9688	825,6011963	167521,8125	824,9025879	55198,15625
08-01-2021 0:00	3:24:18	222146,4531	825,6815186	166938,4688	824,9521484	55207,98438
08-01-2021 0:00	3:24:23	223306,3281	825,6380615	167977,8281	825,0136108	55328,5
08-01-2021 0:00	3:24:28	222488,5625	825,656189	167189,2813	824,8922729	55299,28125
08-01-2021 0:00	3:24:33	222632,2656	825,656189	167380,5313	824,8922729	55251,73438
08-01-2021 0:00	3:24:38	222913,6719	825,6756592	167666,3438	824,8966675	55247,32813
08-01-2021 0:00	3:24:43	222391,9375	825,6586304	167047,7031	824,8831177	55344,23438
08-01-2021 0:00	3:24:48	222969,5156	825,6586304	167673,1094	824,8831177	55296,40625
08-01-2021 0:00	3:24:53	222395,7969	825,6464233	167148,0156	824,862915	55247,78125
08-01-2021 0:00	3:24:58	223209,2656	825,6514893	167862,0469	824,8778687	55347,21875
08-01-2021 0:00	3:25:03	222491,125	825,8366089	167177,8125	824,7051392	55313,3125
08-01-2021 0:00	3:25:08	222551,1563	825,6526489	167229,3438	824,9542847	55321,8125
08-01-2021 0:00	3:25:13	222933,5469	825,7955933	167563,9219	824,6785278	55369,625
08-01-2021 0:00	3:25:18	222010,4375	825,6673584	166689,3281	825,0004272	55321,10938
08-01-2021 0:00	3:25:23	222978,0156	825,6264038	167802,4688	824,9298096	55175,54688
08-01-2021 0:00	3:25:28	222203,6406	825,6264038	166991,2969	824,9298096	55212,34375
08-01-2021 0:00	3:25:33	223494,4531				

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.712	825,63	167.390	824,90	55.321	
DESV EST	412,35	0,07	422,54	0,07	215,56	
% DESV EST	0,1851%	0,0085%	0,2524%	0,0089%	0,3897%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	3:26:33	222589,0781	825,6461182	167033,8281	824,9459839	55555,25
08-01-2021 0:00	3:26:38	223601,1875	825,6101685	168186,2344	824,9193115	55414,95313
08-01-2021 0:00	3:26:43	222835,875	825,6437988	167278,8438	824,9192505	55557,03125
08-01-2021 0:00	3:26:48	222969,5469	825,6437988	167756,7813	824,9192505	55212,76563
08-01-2021 0:00	3:26:53	223069,8281	825,6256104	167416,9844	824,9455566	55652,84375
08-01-2021 0:00	3:26:58	223151,7656	825,6818237	167906,6563	824,8863525	55245,10938
08-01-2021 0:00	3:27:03	223008,2031	825,6818237	167522,7969	824,9438477	55485,40625
08-01-2021 0:00	3:27:08	222306,8125	825,6213989	167033,4844	824,9438477	55273,32813
08-01-2021 0:00	3:27:13	222842,5625	825,5834351	167411,1719	824,9713745	55431,39063
08-01-2021 0:00	3:27:18	222161,7188	825,6268921	166856,7344	824,8744507	55304,98438
08-01-2021 0:00	3:27:23	223118,4063	825,6268921	167621,5313	824,8744507	55496,875
08-01-2021 0:00	3:27:28	222311,0938	825,6046143	166898	824,9077148	55413,09375
08-01-2021 0:00	3:27:33	223391,3281	825,6797485	168185,1875	824,9242554	55206,14063
08-01-2021 0:00	3:27:38	222215,625	825,602356	167094,4844	824,8880615	55121,14063
08-01-2021 0:00	3:27:43	222024,3594	825,602356	167715,9219	824,8880615	54308,4375
08-01-2021 0:00	3:27:48	222827,875	825,6370239	167657,9531	824,9353638	55169,92188
08-01-2021 0:00	3:27:53	222354,3281	825,6190796	166945,4219	824,913147	55408,90625
08-01-2021 0:00	3:27:58	223021,75	825,6292114	167471,125	824,9306641	55550,625
08-01-2021 0:00	3:28:03	222830,6563	825,6292114	167180,9219	824,9306641	55649,73438
08-01-2021 0:00	3:28:08	222738,0938	825,6212158	167622,2031	824,8744507	55115,89063
08-01-2021 0:00	3:28:13	222543,6719	825,6318359	167091,9688	824,8935547	55451,70313
08-01-2021 0:00	3:28:18	222304,5625	825,6516724	166996,3594	824,9483032	55308,20313
08-01-2021 0:00	3:28:23	222442,8594	825,6516724	166746,5938	824,9483032	55696,26563
08-01-2021 0:00	3:28:28	222973,4375	825,6348267	167523,6406	824,8858032	55449,79688
08-01-2021 0:00	3:28:33	222734,0469	825,6425171	167190,8906	824,8765869	55543,15625
08-01-2021 0:00	3:28:38	221919,2656	825,6425171	166569,5156	824,8765869	55349,75
08-01-2021 0:00	3:28:43	222934,5938	825,5997925	167275,2813	824,9334717	55659,3125
08-01-2021 0:00	3:28:48	222202,0469	825,6582642	166759,0469	824,8850098	55443
08-01-2021 0:00	3:28:53	223016,1406	825,6671143	167284,7969	824,8660278	55731,34375
08-01-2021 0:00	3:28:58	222393,5781	825,6671143	166810,5469	824,8660278	55583,03125
08-01-2021 0:00	3:29:03	223546,9688	825,6434326	167896,7813	824,9325562	55650,1875
08-01-2021 0:00	3:29:08	222438,5313	825,6745605	166953,5469	824,8682251	55484,98438
08-01-2021 0:00	3:29:13	221912,8438	825,6745605	166953,5469	824,8571777	54959,29688
08-01-2021 0:00	3:29:18	222679,6719	825,6687622	167290,2656	824,8571777	55389,40625
08-01-2021 0:00	3:29:23	221970,3125	825,6378784	166702,5625	824,9290771	55267,75
08-01-2021 0:00	3:29:28	222993,3438	825,5625	167708,0156	824,9202271	55285,32813
08-01-2021 0:00	3:29:33	222179,25	825,5625	166942,5469	824,9202271	55236,70313
08-01-2021 0:00	3:29:38	222876,2656	825,6359863	167519,7344	824,9055786	55356,53125
08-01-2021 0:00	3:29:43	222483,4063	825,6738892	167033,9688	824,9452515	55449,4375
08-01-2021 0:00	3:29:48	221964,5469	825,6505737	166556,0156	824,9134521	55408,53125
08-01-2021 0:00	3:29:53	223065,0313	825,6505737	167374,7656	824,9134521	55690,26563
08-01-2021 0:00	3:29:58	222053,875	825,6734619	166617,0625	824,8739624	55436,8125
08-01-2021 0:00	3:30:03	222978,8906	825,614502	167416,0625	824,9349976	55562,82813
08-01-2021 0:00	3:30:08	222214,0156	825,6676636	166842,5156	824,8587646	55371,5
08-01-2021 0:00	3:30:13	223298,6875	825,6676636	167814,9844	824,8587646	55483,70313
08-01-2021 0:00	3:30:18	222218,5938	825,5906372	166900,9063	824,8886108	55317,6875
08-01-2021 0:00	3:30:23	222167,2344	825,6035767	167093,6094	824,8812866	55073,625
08-01-2021 0:00	3:30:28	222311,1719	825,6345215	166854,5781	824,8812866	55456,59375
08-01-2021 0:00	3:30:33	222781,2344	825,6345215	167275,25	824,9291992	55505,98438
08-01-2021 0:00	3:30:38	222160,9063	825,6296387	166660,3594	824,8967285	55500,54688
08-01-2021 0:00	3:30:43	223404,2656	825,6274414	167958,6563	824,8572998	55445,60938
08-01-2021 0:00	3:30:48	222399,25	825,6274414	166811,5313	824,8572998	55587,71875
08-01-2021 0:00	3:30:53	222124,4844	825,5782471	167089,8594	824,9001465	55034,625
08-01-2021 0:00	3:30:58	222497,4063	825,614502	167042,2344	824,8990479	55455,17188
08-01-2021 0:00	3:31:03	221875,7344	825,6088257	166946,6875	824,8790894	54929,04688
08-01-2021 0:00	3:31:08	222642,1875	825,6088257	167285,1563	824,8790894	55357,03125
08-01-2021 0:00	3:31:13	222101	825,6662598	166760,8438	824,8717041	55340,15625
08-01-2021 0:00	3:31:18	223039,0313	825,555603	167804,3125	824,9050903	55234,71875
08-01-2021 0:00	3:31:23	222511,7656	825,555603	166944,7031	824,8800049	55567,0625
08-01-2021 0:00	3:31:28	222499,2031	825,6003418	167187,9219	824,8800049	55311,28125
08-01-2021 0:00	3:31:33	222459,3906	825,562439	167093,7188	824,8731689	55365,67188
08-01-2021 0:00	3:31:38	223375	825,536438	168081,0313	824,9559326	55293,96875
08-01-2021 0:00	3:31:43	222704,9688	825,536438	167555,2188	824,9559326	55149,75
08-01-2021 0:00	3:31:48	221919,5313	825,6065674	166512,3906	824,9122314	55407,14063
08-01-2021 0:00	3:31:53	222357,0781	825,5792847	167047,4688	824,8652954	55309,60938
08-01-2021 0:00	3:31:58	222010,1563	825,6264648	166665	824,8154297	55345,15625
08-01-2021 0:00	3:32:03	223110,0156	825,6264648	167583,0313	824,8154297	55526,98438
08-01-2021 0:00	3:32:08	222438,9844	825,6316528	167042,8281	824,8884888	55396,15625
08-01-2021 0:00	3:32:13	222404,5469	825,5820923	167433,0625	824,8484497	54971,48438
08-01-2021 0:00	3:32:18	222404,4844	825,5693359	166955,1563	824,875061	55449,32813
08-01-2021 0:00	3:32:23	222408,875	825,5693359	167188,125	824,875061	55220,75
08-01-2021 0:00	3:32:28	222362,7969	825,5665283	166981,1875	824,9550781	55381,60938
08-01-2021 0:00	3:32:33	223215,3594	825,600647	167715,6875	824,8662109	55499,67188
08-01-2021 0:00	3:32:38	222163,0625	825,5808105	166903,125	824,8662109	55259,9375
08-01-2021 0:00	3:32:43	222743,6719	825,5808105	167798,3281	824,9354248	54945,34375
08-01-2021 0:00	3:32:48	222690,5469	825,6002197	167376,0469	824,8955078	55314,5
08-01-2021 0:00	3:32:53	222020,2188	825,6194458	167289,7188	824,8483276	54730,5
08-01-2021 0:00	3:32:58	223162,7188	825,6194458	167958,1719	824,8483276	55204,54688
08-01-2021 0:00	3:33:03	222544,6719	825,6085205	167135,1719	824,9015503	55409,5
08-01-2021 0:00	3:33:08	222877,8906	825,6110229	167759,875	824,8843384	55118,01563
08-01-2021 0:00	3:33:13	222399,4688	825,6110229	167139,1875	824,9067383	55260,28125
08-01-2021 0:00	3:33:18	222311,875	825,5803833	167134,1406	824,9067383	55177,73438
08-01-2021 0:00	3:33:23	222946,2656	825,5331421	167320,0313	824,9322275	55626,23438
08-01-2021 0:00	3:33:28	222266,3594	825,5728149	166898,6719	824,8887329	55367,6875
08-01-2021 0:00	3:33:33	223223,0938	825,5728149	167950,1719	824,8887329	55272,92188
08-01-2021 0:00	3:33:38	222366,3594	825,5558472	167139,2188	824,8845215	55227,14063
08-01-2021 0:00	3:33:43	222681,2031	825,635498	167946,1406	824,9129028	54735,0625
08-01-2021 0:00	3:33:48	222649,125	825,5751343	167366,9063	824,9417114	55282,21875
08-01-2021 0:00	3:33:53	222266,5938	825,5751343	166697,7969	824,9417114	55568,79688
08-01-2021 0:00	3:33:58	222884,1719	825,5909424	167668,4063	824,8633423	55215,76563
08-01-2021 0:00	3:34:03	222345,5469	825,6382446	166946,5938	824,8880005	55398,95313
08-01-2021 0:00	3:34:08	223496,4375	825,6275635	167759,125	824,8335571	55737,3125
08-01-2021 0:00	3:34:13	222492,0781	825,6275635	167052,9063	824,8335571	55439,17188
08-01-2021 0:00	3:34:18	223455,5625	825,6047363	168145,5313	824,8675537	55310,03125
08-01-2021 0:00	3:34:23	222878,4844	825,6199951			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.712	825,63	167.390	824,90	55.321
DESV EST	412,35	0,07	422,54	0,07	215,56
% DESV EST	0,1851%	0,0085%	0,2524%	0,0089%	0,3897%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	3:35:23	222556,2188	825,5906372	167141,125	824,9019165
08-01-2021 0:00	3:35:28	222449,875	825,6358032	167468,7969	824,9019165
08-01-2021 0:00	3:35:33	222690,3125	825,6270752	167272,5156	824,9278564
08-01-2021 0:00	3:35:38	222074,875	825,6026611	166654,1094	824,9130859
08-01-2021 0:00	3:35:43	223222,8125	825,6026611	167705,5469	824,9130859
08-01-2021 0:00	3:35:48	222551,2344	825,6102905	167089,8906	824,8845215
08-01-2021 0:00	3:35:53	222463,2188	825,5785522	167507,5	824,9482422
08-01-2021 0:00	3:35:58	222734,7813	825,6278076	167367,1094	824,9328003
08-01-2021 0:00	3:36:03	222017,4375	825,6278076	166601,625	824,9328003
08-01-2021 0:00	3:36:08	223270,7188	825,5911255	167811,8281	824,8591919
08-01-2021 0:00	3:36:13	222600,4219	825,59375	167183,4063	824,8948975
08-01-2021 0:00	3:36:18	222933,0625	825,5983887	167470,2344	824,8239136
08-01-2021 0:00	3:36:23	223124,2188	825,5983887	167484,1875	824,8239136
08-01-2021 0:00	3:36:28	222314,9063	825,5803223	166993,625	824,8880005
08-01-2021 0:00	3:36:33	222833,0625	825,6109619	167657,1875	824,9160767
08-01-2021 0:00	3:36:38	222304,875	825,569458	166892,4844	824,8911133
08-01-2021 0:00	3:36:43	221981,1563	825,569458	167136,3906	824,8911133
08-01-2021 0:00	3:36:48	222309,0781	825,5950317	166856,1875	824,8577881
08-01-2021 0:00	3:36:53	222548,3594	825,5692749	167528,0469	824,8439941
08-01-2021 0:00	3:36:58	222313,875	825,5692749	166906,7031	824,8439941
08-01-2021 0:00	3:37:03	222387,25	825,6550293	167427,9219	824,8670654
08-01-2021 0:00	3:37:08	222260,6875	825,5934448	166848,4375	824,8970337
08-01-2021 0:00	3:37:13	222499,9063	825,5947876	167182,9844	824,8937988
08-01-2021 0:00	3:37:18	222595,1875	825,5947876	167279,25	824,8937988
08-01-2021 0:00	3:37:23	223020,8906	825,6157837	167717,2813	824,8498535
08-01-2021 0:00	3:37:28	222353,8281	825,6070557	166856,2031	824,8535156
08-01-2021 0:00	3:37:33	223025,7031	825,6070557	167812,1563	824,8662109
08-01-2021 0:00	3:37:38	222310,75	825,5956421	166901,5469	824,8662109
08-01-2021 0:00	3:37:43	222259,3281	825,6099854	167289,5156	824,8377686
08-01-2021 0:00	3:37:48	222352,1875	825,6209106	167096,7188	824,8344116
08-01-2021 0:00	3:37:53	222304,8594	825,6209106	167623,3125	824,8344116
08-01-2021 0:00	3:37:58	222642,2031	825,609436	167121,5469	824,9590454
08-01-2021 0:00	3:38:03	222164,6875	825,6074829	167041,5469	824,8800049
08-01-2021 0:00	3:38:08	222696,0625	825,5896606	167427,0625	824,8640747
08-01-2021 0:00	3:38:13	222361,2969	825,5896606	166853,4688	824,8640747
08-01-2021 0:00	3:38:18	223026,2188	825,6078491	167655,1094	824,9194336
08-01-2021 0:00	3:38:23	222359,125	825,5982666	166949,8906	824,8599854
08-01-2021 0:00	3:38:28	223746,375	825,6448364	167810,2031	824,9008789
08-01-2021 0:00	3:38:33	222968,6719	825,6448364	167180,7813	824,9008789
08-01-2021 0:00	3:38:38	222593,625	825,6176147	166748,5469	824,9116821
08-01-2021 0:00	3:38:43	223264,7813	825,6099243	167466,4844	824,9064331
08-01-2021 0:00	3:38:48	222404,1094	825,6040649	166797,375	824,9064331
08-01-2021 0:00	3:38:53	223888,3281	825,6040649	168383,2656	824,8587646
08-01-2021 0:00	3:38:58	223230,125	825,5609741	167573,6719	824,8476563
08-01-2021 0:00	3:39:03	222608,2813	825,6099854	166944,1875	824,8890381
08-01-2021 0:00	3:39:08	222545,7813	825,6099854	167183,1563	824,8890381
08-01-2021 0:00	3:39:13	223224,3125	825,5762329	168007,0156	824,8313599
08-01-2021 0:00	3:39:18	222848,7813	825,5440674	167584,8281	824,7910156
08-01-2021 0:00	3:39:23	222227,0625	825,630188	167392,8438	824,8751221
08-01-2021 0:00	3:39:28	223160,9669	825,630188	167710,8594	824,8751221
08-01-2021 0:00	3:39:33	222315,6875	825,5697632	166895,3594	824,8900757
08-01-2021 0:00	3:39:38	222361,9063	825,572998	166991,125	824,8890991
08-01-2021 0:00	3:39:43	222649,1563	825,572998	167659,4844	824,8380737
08-01-2021 0:00	3:39:48	222485,6719	825,6490479	167239,375	824,8380737
08-01-2021 0:00	3:39:53	223275,6563	825,5548706	168141,2656	824,8777466
08-01-2021 0:00	3:39:58	222941,5625	825,5510864	167670,3281	824,8383789
08-01-2021 0:00	3:40:03	222607,1719	825,5510864	167096,7188	824,8383789
08-01-2021 0:00	3:40:08	223067,125	825,6204224	167807,6875	824,8727417
08-01-2021 0:00	3:40:13	222211,5625	825,6000977	167038,7656	824,8973389
08-01-2021 0:00	3:40:18	223305,9688	825,6203613	167899,0781	824,8651733
08-01-2021 0:00	3:40:23	222827,7344	825,6203613	167283,4219	824,8651733
08-01-2021 0:00	3:40:28	222987,7344	825,555542	167467,8438	824,899231
08-01-2021 0:00	3:40:33	222562,1563	825,5368652	167523,0156	824,8652954
08-01-2021 0:00	3:40:38	223231,3906	825,5949707	167906,1719	824,8705444
08-01-2021 0:00	3:40:43	222546,2188	825,5949707	167044,7969	824,8705444
08-01-2021 0:00	3:40:48	223313,9063	825,5831299	167901,375	824,8897095
08-01-2021 0:00	3:40:53	222926,0156	825,6033325	167428,7656	824,8583984
08-01-2021 0:00	3:40:58	222639,1875	825,5905762	167285,4063	824,8583984
08-01-2021 0:00	3:41:03	222881,6875	825,5905762	167278,0313	824,8954468
08-01-2021 0:00	3:41:08	223829,4844	825,6233521	168473,4531	824,8931885
08-01-2021 0:00	3:41:13	222922,4688	825,6155396	167391,375	824,8057251
08-01-2021 0:00	3:41:18	222205,5625	825,6155396	166913,3906	824,8057251
08-01-2021 0:00	3:41:23	223563,8125	825,5423584	168140,2344	824,8900146
08-01-2021 0:00	3:41:28	222838,9531	825,5701294	167429,5469	824,8583374
08-01-2021 0:00	3:41:33	222744,3438	825,6090698	167907,5781	824,8572388
08-01-2021 0:00	3:41:38	222734,7813	825,6090698	167526,125	824,8572388
08-01-2021 0:00	3:41:43	222549,4063	825,5884399	167426,1719	824,8795776
08-01-2021 0:00	3:41:48	223322,5	825,5577393	167950,3906	824,8870239
08-01-2021 0:00	3:41:53	222843,2813	825,5577393	167566,5156	824,8990479
08-01-2021 0:00	3:41:58	222937,9844	825,5623169	167516,375	824,8990479
08-01-2021 0:00	3:42:03	222696,1406	825,569519	167579,3438	824,8217163
08-01-2021 0:00	3:42:08	224045,6875	825,5256348	168774,9219	824,8190918
08-01-2021 0:00	3:42:13	223184,3125	825,5256348	167722,6719	824,8190918
08-01-2021 0:00	3:42:18	222595,2031	825,5806885	167137,9375	824,8755493
08-01-2021 0:00	3:42:23	223125,0938	825,562561	167804,3281	824,8858643
08-01-2021 0:00	3:42:28	222691,7031	825,5692139	167182,9063	824,8666382
08-01-2021 0:00	3:42:33	222644,0156	825,5692139	167521,2969	824,8666382
08-01-2021 0:00	3:42:38	222412,0625	825,5455933	167094,5313	824,8532715
08-01-2021 0:00	3:42:43	223841,6875	825,565979	168717,6094	824,8635864
08-01-2021 0:00	3:42:48	223027,3594	825,5219116	167905,0469	824,9197998
08-01-2021 0:00	3:42:53	222559,625	825,5219116	166985,8125	824,9197998
08-01-2021 0:00	3:42:58	222778,2813	825,6001587	167522,3438	824,8687744
08-01-2021 0:00	3:43:03	222174,9219	825,5308838	167006,0156	824,8204956
08-01-2021 0:00	3:43:08	222699,7969	825,5559692	167483,3438	824,8204956
08-01-2021 0:00	3:43:13	222167,2969	825,5559692	167814,5625	824,8412476
08-01-2021 0:00	3:43:18	222784,7969	825,569519	167483,4219	824,8236084
08-01-2021 0:00	3:43:23	222352,5469	825,559082	167046,375	824,8551636
08-01-2021 0:00	3:43:28	223933,8594	825,559082	168528,0938	824,8551636
08-01-2021 0:00	3:43:33	223642,6406	825,5751953	167756,2188	824,8909302
08-01-2021 0:00	3:43:38	222410,0625	825,5376587	166890	824,9211426
08-01-2021 0:00	3:43:43	222840,7031	825,538147	167320,1094	824,8495483
08-01-2021 0:00	3:43:48	222794,75	825,538147	167764,4219	824,8495483
08-01-2021 0:00	3:43:53	222793,9063	825,5406494	167335,2344	824,8445435
08-01-2021 0:00	3:43:58	222168,1719	825,5557251	166891,9219	824,9111938
08-01-2021 0:00	3:44:03	222503,2188	825,5557251	166939,7344	824,9111938
08-01-2021 0:00	3:44:08	223454,4688	825,5785522	167958,875	824,8330078

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.712	825,63	167.390	824,90	55.321	
DESV EST	412,35	0,07	422,54	0,07	215,56	
% DESV EST	0,1851%	0,0085%	0,2524%	0,0089%	0,3897%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	3:44:13	222795,2656	825,5396118	167285,9219	824,8553467	55509,34375
08-01-2021 0:00	3:44:18	222927,6719	825,5812378	167805,2969	824,8881226	55122,375
08-01-2021 0:00	3:44:23	222927,5469	825,5812378	167231,6875	824,8881226	55695,85938
08-01-2021 0:00	3:44:28	222315,7031	825,5474243	166892,9063	824,9096668	55422,79688
08-01-2021 0:00	3:44:33	222889,9063	825,546814	167572	824,8591919	55317,90625
08-01-2021 0:00	3:44:38	221987,75	825,5210571	166804,8906	824,8710938	55182,85938
08-01-2021 0:00	3:44:43	222704,9531	825,5210571	167330,6563	824,8710938	55374,29688
08-01-2021 0:00	3:44:48	222014,7969	825,6033325	166556,4531	824,9191284	55458,34375
08-01-2021 0:00	3:44:53	222815,7969	825,6508789	167666,4063	824,8651733	55149,39063
08-01-2021 0:00	3:44:58	222337,0469	825,5723267	166853,8594	824,8711548	55483,1875
08-01-2021 0:00	3:45:03	222023,1563	825,5723267	166804,2344	824,8711548	55218,92188
08-01-2021 0:00	3:45:08	222209,6875	825,5906372	166803,8125	824,8690796	55405,875
08-01-2021 0:00	3:45:13	223118,6094	825,5386353	167860,9688	824,8407593	55257,64063
08-01-2021 0:00	3:45:18	222701,5156	825,6146851	167144	824,8407593	55557,51563
08-01-2021 0:00	3:45:23	222442,6094	825,6146851	166469,0781	824,8772583	55973,53125
08-01-2021 0:00	3:45:28	222977,5	825,581543	167571,0469	824,8639526	55406,45313
08-01-2021 0:00	3:45:33	222212,0781	825,5490112	166900,4063	824,8745728	55311,67188
08-01-2021 0:00	3:45:38	222603,2813	825,5490112	167280,6875	824,8745728	55322,59375
08-01-2021 0:00	3:45:43	222056,1406	825,6251831	166906,375	824,8336182	55149,76563
08-01-2021 0:00	3:45:48	223173,2969	825,555603	167820,0938	824,8056641	55353,20313
08-01-2021 0:00	3:45:53	222503,6406	825,555603	167103,0781	824,8379517	55400,5625
08-01-2021 0:00	3:45:58	223225,1094	825,5405273	167909,3281	824,8379517	55315,78125
08-01-2021 0:00	3:46:03	223021,4531	825,5839844	167524,5781	824,8498535	55496,875
08-01-2021 0:00	3:46:08	222209,8438	825,5750122	166998,5625	824,8508911	55211,28125
08-01-2021 0:00	3:46:13	223353,5313	825,5750122	167094,9844	824,8508911	55258,54688
08-01-2021 0:00	3:46:18	222547,8594	825,5627441	167278,8125	824,8839722	55269,04688
08-01-2021 0:00	3:46:23	222069,6406	825,5623779	166755,6406	824,8709717	55314
08-01-2021 0:00	3:46:28	222975,9063	825,5713501	167714,625	824,8555298	55261,28125
08-01-2021 0:00	3:46:33	222211,5156	825,5713501	166949,9063	824,8555298	55261,60938
08-01-2021 0:00	3:46:38	223317,0313	825,5509644	168100,5	824,8378906	55216,53125
08-01-2021 0:00	3:46:43	222877,1094	825,5859375	167522,8281	824,862793	55354,28125
08-01-2021 0:00	3:46:48	222015,9844	825,5870361	166763,1406	824,836792	55252,84375
08-01-2021 0:00	3:46:53	223163,8594	825,5870361	167957,2813	824,836792	55206,57813
08-01-2021 0:00	3:46:58	222451,1094	825,5689087	167093	824,8566895	55358,10938
08-01-2021 0:00	3:47:03	222126,5313	825,5310059	166849,125	824,8817749	55277,40625
08-01-2021 0:00	3:47:08	222928	825,576355	167566,0938	824,8231812	55361,90625
08-01-2021 0:00	3:47:13	222354	825,576355	166908,4688	824,8231812	55445,53125
08-01-2021 0:00	3:47:18	223262,4063	825,5766602	168105,8594	824,8068237	55156,54688
08-01-2021 0:00	3:47:23	222640,5	825,5548706	167290,125	824,8267212	55350,375
08-01-2021 0:00	3:47:28	222216,3438	825,6116333	166716,5469	824,8267212	55499,79688
08-01-2021 0:00	3:47:33	222967,1875	825,6116333	167570,75	824,8536987	55396,4375
08-01-2021 0:00	3:47:38	222299,2969	825,6056519	166808,25	824,8424683	55491,04688
08-01-2021 0:00	3:47:43	223399,3594	825,6252441	167955,4219	824,8422241	55443,9375
08-01-2021 0:00	3:47:48	222676,9219	825,6252441	167812,1094	824,8422241	54864,8125
08-01-2021 0:00	3:47:53	222027,4375	825,5484619	166663,4531	824,8494873	55363,98438
08-01-2021 0:00	3:47:58	222639,1875	825,590332	167194,75	824,817749	55444,4375
08-01-2021 0:00	3:48:03	222209,8281	825,590332	166764,5781	824,8289185	55445,25
08-01-2021 0:00	3:48:08	223504,5938	825,5758667	168148,4844	824,8289185	55356,10938
08-01-2021 0:00	3:48:13	222726,9844	825,6224976	167237,9375	824,8411255	55489,04688
08-01-2021 0:00	3:48:18	222245,2344	825,6379395	166805,375	824,8496704	55439,85938
08-01-2021 0:00	3:48:23	222771,1875	825,6379395	167235,5313	824,8496704	55535,65625
08-01-2021 0:00	3:48:28	222269,0313	825,5470581	167041,2344	824,8655396	55227,79688
08-01-2021 0:00	3:48:33	222459,9063	825,5486465	167192,2813	824,8266602	55267,625
08-01-2021 0:00	3:48:38	223034,1563	825,5481567	167700,0781	824,9138794	55334,07813
08-01-2021 0:00	3:48:43	222460,0313	825,5481567	167031,0156	824,9138794	55429,01563
08-01-2021 0:00	3:48:48	223221,0156	825,5646973	167909,4375	824,8222046	55311,57813
08-01-2021 0:00	3:48:53	222591,3906	825,5946045	167081,3906	824,9006348	55510
08-01-2021 0:00	3:48:58	223117,2969	825,5955811	167846,125	824,8705444	55271,17188
08-01-2021 0:00	3:49:03	222495,4531	825,5955811	167229,9063	824,8705444	55265,54688
08-01-2021 0:00	3:49:08	222345,125	825,62146	166949,7656	824,8330688	55395,35938
08-01-2021 0:00	3:49:13	223323,7188	825,5422974	168098,7813	824,8235474	55224,9375
08-01-2021 0:00	3:49:18	222845,0469	825,647583	167478,1563	824,8235474	55366,89063
08-01-2021 0:00	3:49:23	222434,6563	825,647583	166852,0313	824,8479614	55582,625
08-01-2021 0:00	3:49:28	222933,2813	825,567627	167566,2188	824,8618164	55367,0625
08-01-2021 0:00	3:49:33	222263,6875	825,6563721	166899,5	824,84552	55364,1875
08-01-2021 0:00	3:49:38	222144,6094	825,6563721	166995,1406	824,84552	55149,46875
08-01-2021 0:00	3:49:43	223126,125	825,5612183	168049,6719	824,8303223	55076,45313
08-01-2021 0:00	3:49:48	222308,9688	825,5755615	167042,5781	824,8471069	55266,39063
08-01-2021 0:00	3:49:53	221878,6094	825,5393677	167090,3906	824,7736206	54788,21875
08-01-2021 0:00	3:49:58	223083,5625	825,5393677	167630,6563	824,7736206	55452,90625
08-01-2021 0:00	3:50:03	222488,5625	825,6209106	167097,5313	824,8071289	55391,03125
08-01-2021 0:00	3:50:08	223257,2188	825,6119385	167912,7188	824,7940063	55344,5
08-01-2021 0:00	3:50:13	222922,2344	825,6119385	167578,1406	824,803894	55344,09375
08-01-2021 0:00	3:50:18	222028,0469	825,5523682	166716,5313	824,803894	55311,51563
08-01-2021 0:00	3:50:23	222886,0938	825,5648804	167554,7813	824,9122925	55331,3125
08-01-2021 0:00	3:50:28	222316,4688	825,5487671	166810,9688	824,8059692	55505,5
08-01-2021 0:00	3:50:33	223416,4375	825,5487671	168005,875	824,8059692	55410,5625
08-01-2021 0:00	3:50:38	222462,7031	825,5372314	167042,5625	824,847229	55420,14063
08-01-2021 0:00	3:50:43	222156,5938	825,6112061	167440,9375	824,7661133	54715,65625
08-01-2021 0:00	3:50:48	222787,375	825,5759888	167425,1563	824,8461304	55362,21875
08-01-2021 0:00	3:50:53	222356,125	825,5759888	166803,7969	824,8461304	55552,32813
08-01-2021 0:00	3:50:58	222599,4219	825,5599365	167232,2813	824,8544922	55367,14063
08-01-2021 0:00	3:51:03	222059,2188	825,6138916	166653,2188	824,8826294	55406
08-01-2021 0:00	3:51:08	222982,0313	825,559082	167609,0781	824,7935181	55372,95313
08-01-2021 0:00	3:51:13	222217	825,559082	166766,3281	824,7935181	55450,67188
08-01-2021 0:00	3:51:18	223078,625	825,5519409	167715,8906	824,8223267	55362,73438
08-01-2021 0:00	3:51:23	222467,3906	825,5119019	166955,3438	824,8010864	55512,04688
08-01-2021 0:00	3:51:28	223279,5156	825,541687	168054,6719	824,8010864	55224,84375
08-01-2021 0:00	3:51:33	222793,3281	825,541687	167286,5781	824,8180542	55506,75
08-01-2021 0:00	3:51:38	222117,2969	825,5670776	166806,875	824,8268433	55310,42188
08-01-2021 0:00	3:51:43	222226,5938	825,5150757	166747,2188	824,8869629	55479,375
08-01-2021 0:00	3:51:48	223421,9063	825,5150757	168133,2813	824,8869629	55288,625
08-01-2021 0:00	3:51:53	222787,0313	825,5654907	167474,875	824,8327026	55312,15625
08-01-2021 0:00	3:51:58	222648,3594	825,5487061	167325,3125	824,8675537	55323,04688
08-01-2021 0:00	3:52:03	223221,9375	825,5487061	167755,4531	824,8512573	

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
300MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.712	825,63	167.390	824,90	55.321	
DESV EST	412,35	0,07	422,54	0,07	215,56	
% DESV EST	0,1851%	0,0085%	0,2524%	0,0089%	0,3897%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	3:53:03	222451,0938	825,5663452	167136,5781	824,8476563	55314,51563
08-01-2021 0:00	3:53:08	222830,25	825,5806885	167657,3281	824,8731689	55172,92188
08-01-2021 0:00	3:53:13	222318,1875	825,5272827	166947,6563	824,8363037	55370,53125
08-01-2021 0:00	3:53:18	223324,4531	825,5115356	168046,9219	824,829834	55277,53125
08-01-2021 0:00	3:53:23	222893,9844	825,5115356	167473,9219	824,829834	55420,0625
08-01-2021 0:00	3:53:28	222594,4219	825,5609131	167236,5469	824,8256226	55357,875
08-01-2021 0:00	3:53:33	222829,1094	825,5767212	167382,6563	824,8152466	55446,45313
08-01-2021 0:00	3:53:38	222158,6875	825,5345459	167000,3125	824,8152466	55158,375
08-01-2021 0:00	3:53:43	222839,2344	825,5345459	167515,6094	824,8682251	55323,625
08-01-2021 0:00	3:53:48	222124,2344	825,5258179	166995,5	824,8397217	55128,73438
08-01-2021 0:00	3:53:53	222793,8438	825,5795288	167616,875	824,8759766	55176,96875
08-01-2021 0:00	3:53:58	222636,3281	825,5795288	167561,875	824,8759766	55074,45313
08-01-2021 0:00	3:54:03	222745,6875	825,5229492	167479,8594	824,8071289	55265,82813
08-01-2021 0:00	3:54:08	223083,2656	825,5132446	167672,0469	824,8022461	55411,21875
08-01-2021 0:00	3:54:13	222939,6406	825,5132446	167577,9219	824,8411865	55361,71875
08-01-2021 0:00	3:54:18	223036,8906	825,5076294	167857,0156	824,8411865	55179,875
08-01-2021 0:00	3:54:23	223035,9844	825,5093994	167757,4375	824,8613281	55278,54688
08-01-2021 0:00	3:54:28	222450,4688	825,5541992	167099,5156	824,8005981	55350,95313
08-01-2021 0:00	3:54:33	222737,5469	825,5541992	167673,0938	824,8005981	55064,45313
08-01-2021 0:00	3:54:38	222120,7344	825,5359497	166946,3438	824,8499756	55174,39063
08-01-2021 0:00	3:54:43	222602,2656	825,5229492	167565,875	824,8594971	55036,39063
08-01-2021 0:00	3:54:48	222804,0313	825,4832153	167710,8906	824,8510132	55093,14063
08-01-2021 0:00	3:54:53	223234,9219	825,4832153	167997,6563	824,8510132	55237,26563
08-01-2021 0:00	3:54:58	222208,5469	825,571106	167187,1406	824,8409424	55021,40625
08-01-2021 0:00	3:55:03	222311,5781	825,543396	167527,4688	824,8117065	54784,10938
08-01-2021 0:00	3:55:08	222228,2344	825,4962158	167148,875	824,7924194	55079,35938
08-01-2021 0:00	3:55:13	223089,2344	825,4962158	167913,6563	824,7924194	55175,57813
08-01-2021 0:00	3:55:18	222547,875	825,5579834	167425,3281	824,8450317	55122,54688
08-01-2021 0:00	3:55:23	222117,9688	825,5570679	166992	824,8608398	55125,96875
08-01-2021 0:00	3:55:28	222412,2031	825,5361328	167135,4063	824,8607788	55276,79688
08-01-2021 0:00	3:55:33	221981,9219	825,5361328	167278,8281	824,8607788	54703,09375
08-01-2021 0:00	3:55:38	222598,375	825,5551758	167276,875	824,8706665	55321,5
08-01-2021 0:00	3:55:43	222070,4375	825,5635376	166807,5469	824,8268433	55262,89063
08-01-2021 0:00	3:55:48	222931,0781	825,5579834	167524,5156	824,8268433	55406,5625
08-01-2021 0:00	3:55:53	222310,6406	825,5579834	166950,0313	824,8312378	55360,60938
08-01-2021 0:00	3:55:58	223047,3906	825,4771118	167868,5469	824,7716064	55178,84375
08-01-2021 0:00	3:56:03	222662,8594	825,5206299	167099,6094	824,7999878	55563,25
08-01-2021 0:00	3:56:08	222986,3906	825,5206299	167530,5781	824,7999878	55455,8125
08-01-2021 0:00	3:56:13	222607,2188	825,5074463	167000,5313	824,8214722	55606,6875
08-01-2021 0:00	3:56:18	222965,875	825,5941162	167720,5938	824,8018799	55245,28125
08-01-2021 0:00	3:56:23	222343,2188	825,5941162	166812,3906	824,7868042	55530,82813
08-01-2021 0:00	3:56:28	223159,5469	825,5820923	167819,2031	824,7868042	55340,34375
08-01-2021 0:00	3:56:33	222685,2656	825,56604	167098,7031	824,8042603	55586,5625
08-01-2021 0:00	3:56:38	223277,1875	825,4989014	167762,875	824,8297729	55514,3125
08-01-2021 0:00	3:56:43	223229,1719	825,4989014	167667,2813	824,8297729	55561,89063
08-01-2021 0:00	3:56:48	222262,2969	825,5373535	166907,7344	824,8032837	55354,5625
08-01-2021 0:00	3:56:53	222685,0781	825,5670166	167192,1719	824,8117065	55492,90625
08-01-2021 0:00	3:56:58	222218,8281	825,5220947	166812,5313	824,7975464	55406,29688
08-01-2021 0:00	3:57:03	223127,2813	825,5220947	167672,9375	824,7975464	55454,34375
08-01-2021 0:00	3:57:08	222848,0469	825,4932861	167092,9688	824,8335571	55755,07813
08-01-2021 0:00	3:57:13	222214,0781	825,5402832	166750,9531	824,8713989	55463,125
08-01-2021 0:00	3:57:18	222456,6406	825,5273438	167037	824,8485107	55419,64063
08-01-2021 0:00	3:57:23	223269,5938	825,5273438	167663,5781	824,8485107	55606,01563
08-01-2021 0:00	3:57:28	222504,125	825,5317383	167197,4531	824,7885132	55306,67188
08-01-2021 0:00	3:57:33	222013,375	825,583252	166906,3281	824,8104248	55107,04688
08-01-2021 0:00	3:57:38	223161,4531	825,576355	167957,9063	824,8104248	55203,54688
08-01-2021 0:00	3:57:43	223163,7031	825,576355	167671,6563	824,8077393	55492,04688
08-01-2021 0:00	3:57:48	222503,875	825,5394287	167140,5469	824,8348389	55363,32813
08-01-2021 0:00	3:57:53	222932,5938	825,5465698	168053,1406	824,8120728	54879,45313
08-01-2021 0:00	3:57:58	222836,5781	825,5465698	167431,0469	824,8120728	55405,53125
08-01-2021 0:00	3:58:03	222455,125	825,5424194	167143,2813	824,8170776	55311,84375
08-01-2021 0:00	3:58:08	223454,3438	825,5622559	167993,4844	824,8685303	55460,85938
08-01-2021 0:00	3:58:13	222784,625	825,5814819	167234,6406	824,8386841	55549,98438
08-01-2021 0:00	3:58:18	222397,5938	825,5814819	167043,4219	824,8386841	55354,17188
08-01-2021 0:00	3:58:23	222787,1094	825,5545044	167373,4688	824,8618164	55413,64063
08-01-2021 0:00	3:58:28	222344,9219	825,5997314	167045,5938	824,8277588	55299,32813
08-01-2021 0:00	3:58:33	222679,4688	825,5997314	167331,6563	824,8689575	55347,8125
08-01-2021 0:00	3:58:38	222125,8438	825,5266113	166654,375	824,8689575	55471,46875
08-01-2021 0:00	3:58:43	223318,5625	825,5379028	167857,0469	824,8295898	55461,51563
08-01-2021 0:00	3:58:48	222518,375	825,4889526	167194,7969	824,7948608	55323,57813
08-01-2021 0:00	3:58:53	222662,0313	825,4889526	167481,5313	824,7948608	55180,5
08-01-2021 0:00	3:58:58	222303,4844	825,5780029	167007,6406	824,7775269	55295,84375
08-01-2021 0:00	3:59:03	223307,3281	825,5808716	168238,2969	824,835144	55069,03125
08-01-2021 0:00	3:59:08	222685,3281	825,5800781	167516,6875	824,8549194	55168,64063
08-01-2021 0:00	3:59:13	222255,2031	825,5800781	167229,9219	824,8549194	55025,28125
08-01-2021 0:00	3:59:18	222544,1094	825,5768433	167381,5469	824,8131104	55162,5625
08-01-2021 0:00	3:59:23	222417,9969	825,5159912	168049,4531	824,819519	54368,34375
08-01-2021 0:00	3:59:28	222774,3281	825,6126099	167619,2656	824,8469849	55155,0625
08-01-2021 0:00	3:59:33	222248,2188	825,6126099	166800,5156	824,8469849	55447,70313
08-01-2021 0:00	3:59:38	222582,3438	825,6170044	167334,7188	824,8043213	55247,625
08-01-2021 0:00	3:59:43	222109,5	825,5967407	167523,1719	824,8182983	54586,32813
08-01-2021 0:00	3:59:48	223255,9063	825,6052856	167953,3125	824,8182983	55302,59375
08-01-2021 0:00	3:59:53	222440,3594	825,6052856	167137,4688	824,8348389	55302,89063
08-01-2021 0:00	3:59:58	222505	825,546936	167320,3281	824,8772583	55184,67188
08-01-2021 0:00	4:00:03	222217,9688	825,5390625	166910,1875	824,7719116	55307,78125

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	
	PROMEDIO	222.457	825.39	169.787	824.71	52.669
	DESV EST	394.83	0.06	410.98	0.06	230.84
	% DESV EST	0,1775%	0,0073%	0,2421%	0,0078%	0,4383%
	DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]		l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	4:15:03	221930,6406	825,4935303	170396,5313	824,8126831	51534,10938
08-01-2021 0:00	4:15:08	222407,6094	825,4971313	170051,7969	824,8632202	52355,8125
08-01-2021 0:00	4:15:13	222030,5156	825,4768777	169478,2813	824,8591309	52552,23438
08-01-2021 0:00	4:15:18	222898,2031	825,4519653	170429,2969	824,883606	52468,90625
08-01-2021 0:00	4:15:23	222229,3594	825,4519653	169712,3594	824,883606	52517
08-01-2021 0:00	4:15:28	222556,7031	825,4813232	169978,3438	824,7487793	52578,35938
08-01-2021 0:00	4:15:33	222412,875	825,4830933	169500,4375	824,748291	52912,4375
08-01-2021 0:00	4:15:38	223520,6875	825,4539185	170838,9063	824,8058472	52681,78125
08-01-2021 0:00	4:15:43	222898,5469	825,4539185	169966,9375	824,8058472	52931,60938
08-01-2021 0:00	4:15:48	222211,2969	825,5188599	169547,9219	824,7457275	52663,375
08-01-2021 0:00	4:15:53	223367,625	825,4859009	170726,6875	824,8267212	52640,9375
08-01-2021 0:00	4:15:58	222506,4688	825,4747925	169914,1563	824,8267212	52592,3125
08-01-2021 0:00	4:16:03	222366,4063	825,4747925	169777,3594	824,7935181	52589,04688
08-01-2021 0:00	4:16:08	222988,0156	825,4755249	170264,2031	824,75354	52723,8125
08-01-2021 0:00	4:16:13	222413,9844	825,4633179	169583,5469	824,8032837	52830,4375
08-01-2021 0:00	4:16:18	223421,5781	825,4633179	170779,9688	824,8032837	52641,60938
08-01-2021 0:00	4:16:23	222738,6406	825,5140381	170014,6719	824,8060303	52723,96875
08-01-2021 0:00	4:16:28	222890,8125	825,4812012	170290,0469	824,862854	52600,76563
08-01-2021 0:00	4:16:33	223177,5469	825,4812012	170289,2344	824,7792969	52888,3125
08-01-2021 0:00	4:16:38	221984,8594	825,4735718	169684,6094	824,7792969	52300,25
08-01-2021 0:00	4:16:43	222842,9063	825,4848633	170337,7969	824,8589478	52505,10938
08-01-2021 0:00	4:16:48	222279,5156	825,4451294	169634,2813	824,7961426	52645,23438
08-01-2021 0:00	4:16:53	222614,3594	825,4451294	170399,0625	824,7961426	52215,29688
08-01-2021 0:00	4:16:58	222422,3594	825,4481812	169867,5938	824,824585	52554,76563
08-01-2021 0:00	4:17:03	223134,4375	825,4718628	170679,1719	824,8331299	52455,26563
08-01-2021 0:00	4:17:08	222123,6563	825,4911272	169725	824,8244019	52398,65625
08-01-2021 0:00	4:17:13	222313,1406	825,4911272	169963,9375	824,8244019	52349,20313
08-01-2021 0:00	4:17:18	222183,5469	825,4377441	169627,2031	824,8313599	52556,34375
08-01-2021 0:00	4:17:23	222331,4063	825,4203491	170019,5156	824,7780151	52311,89063
08-01-2021 0:00	4:17:28	222267,8438	825,4777222	169626,6094	824,8342285	52641,23438
08-01-2021 0:00	4:17:33	222171,1563	825,4777222	169531,0313	824,8342285	52640,125
08-01-2021 0:00	4:17:38	222373,2344	825,4359131	169870,5625	824,8095703	52502,67188
08-01-2021 0:00	4:17:43	222545,7656	825,5072632	169775,0781	824,80896	52770,6875
08-01-2021 0:00	4:17:48	221780,5781	825,4594116	169249,2656	824,8621826	52531,3125
08-01-2021 0:00	4:17:53	222654,0156	825,4594116	169764,4219	824,8621826	52889,99375
08-01-2021 0:00	4:17:58	221983,6406	825,458374	169396,0313	824,7921753	52587,60938
08-01-2021 0:00	4:18:03	223136,8281	825,4381714	170293,4219	824,8460693	52843,40625
08-01-2021 0:00	4:18:08	222275,7344	825,4381714	169672,0938	824,8460693	52603,64063
08-01-2021 0:00	4:18:13	222030,8594	825,4610596	169956,0156	824,8599243	52074,84375
08-01-2021 0:00	4:18:18	222114,7188	825,4828491	169687,7188	824,7636108	52527
08-01-2021 0:00	4:18:23	222884,2656	825,4655762	170582,9375	824,8283691	52301,32813
08-01-2021 0:00	4:18:28	222171,2813	825,4655762	169626,9688	824,8283691	52544,3125
08-01-2021 0:00	4:18:33	222650,1406	825,463562	170196,7344	824,8475342	52453,40625
08-01-2021 0:00	4:18:38	222314,3125	825,466698	169874,875	824,7803345	52439,4375
08-01-2021 0:00	4:18:43	221979,5938	825,466698	169970,4688	824,8327026	52009,125
08-01-2021 0:00	4:18:48	222264,8594	825,4736328	169721,0313	824,8327026	52543,82813
08-01-2021 0:00	4:18:53	223132	825,449858	170873,5469	824,8059692	52258,45313
08-01-2021 0:00	4:18:58	222568,125	825,4094238	169923,0156	824,7785645	52645,10938
08-01-2021 0:00	4:19:03	221994,3906	825,4094238	169445,0781	824,7785645	52549,3125
08-01-2021 0:00	4:19:08	222065,5156	825,5084229	169539,9375	824,7820435	52525,57813
08-01-2021 0:00	4:19:13	223131,0469	825,4615479	170681,3281	824,8106689	52449,71875
08-01-2021 0:00	4:19:18	222793,5781	825,4717407	170051,7969	824,8516846	52741,78125
08-01-2021 0:00	4:19:23	222123,9063	825,4717407	169287,0156	824,8516846	52836,89063
08-01-2021 0:00	4:19:28	222757,8125	825,4291992	169867,9688	824,8148804	52889,84375
08-01-2021 0:00	4:19:33	222134,8594	825,4326172	169198,7344	824,8115845	52936,125
08-01-2021 0:00	4:19:38	222452,4063	825,4988403	169772,2344	824,8190918	52680,17188
08-01-2021 0:00	4:19:43	221735,9063	825,4988403	169053,8125	824,8190918	52682,09375
08-01-2021 0:00	4:19:48	223086,875	825,4533081	170107,3594	824,8091431	52979,51563
08-01-2021 0:00	4:19:53	222309,3906	825,5	169533,4844	824,8109131	52775,90625
08-01-2021 0:00	4:19:58	223028,3125	825,4959106	170346,0313	824,8526001	52682,28125
08-01-2021 0:00	4:20:03	222934,375	825,4959106	170098,6406	824,8526001	52835,73438
08-01-2021 0:00	4:20:08	222770,5313	825,4755249	169390,875	824,8067627	52879,65625
08-01-2021 0:00	4:20:13	223040,2344	825,4579468	170397,5156	824,7924805	52642,71875
08-01-2021 0:00	4:20:18	222561,6719	825,4579468	169776,0781	824,7924805	52785,59375
08-01-2021 0:00	4:20:23	222380,8281	825,4196777	170147,0781	824,8452759	52233,75
08-01-2021 0:00	4:20:28	222467,875	825,4508667	169878,3438	824,7555542	52589,53125
08-01-2021 0:00	4:20:33	222084,3281	825,4708252	169367,9688	824,6781006	52716,35938
08-01-2021 0:00	4:20:38	222127,2656	825,4708252	169367,9688	824,6781006	52759,29688
08-01-2021 0:00	4:20:43	222930,0938	825,5080566	170205,0469	824,7947998	52725,04688
08-01-2021 0:00	4:20:48	222188,2188	825,414856	169534,4219	824,8016357	52653,79688
08-01-2021 0:00	4:20:53	221948,3438	825,414856	169964,7188	824,8552246	51983,625
08-01-2021 0:00	4:20:58	222598,6563	825,4877319	169953,9375	824,8552246	52644,71875
08-01-2021 0:00	4:21:03	222181,4063	825,4382324	169293,6094	824,8150024	52887,79688
08-01-2021 0:00	4:21:08	222651,7031	825,4311523	169814,25	824,836792	52847,45313
08-01-2021 0:00	4:21:13	222135,5469	825,4311523	169431,0313	824,836792	52704,51563
08-01-2021 0:00	4:21:18	222736,0531	825,5077515	170114,7188	824,7644043	52622,23438
08-01-2021 0:00	4:21:23	222170,1875	825,4802856	169348,2344	824,7769165	52821,95313
08-01-2021 0:00	4:21:28	222801,8594	825,4384766	170209,5156	824,776123	52592,34375
08-01-2021 0:00	4:21:33	222371,3906	825,4384766	169731,5313	824,776123	52639,85938
08-01-2021 0:00	4:21:38	222889,125	825,4707642	170208,0625	824,7833862	52681,0625
08-01-2021 0:00	4:21:43	222602,8906	825,4675293	169765,0156	824,8480225	52837,875
08-01-2021 0:00	4:21:48	222121,3125	825,4812622	169430,3906	824,7825317	52690,92188
08-01-2021 0:00	4:21:53	223125,5781	825,4812622	170447,2813	824,7825317	52678,29688
08-01-2021 0:00	4:21:58	222163,1563	825,5028076	169722,3906	824,8217163	52440,76563
08-01-2021 0:00	4:22:03	222123,9063	825,4705811	170484,2188	824,8365479	51639,6875
08-01-2021 0:00	4:22:08	222362,9219	825,4639282	169815,0938	824,8365479	52547,82813
08-01-2021 0:00	4:22:13	222029,0625	825,4639282	169389,7344	824,8081665	52639,32813
08-01-2021 0:00	4:22:18	222710,125	825,4208984	170015,2031	824,7879028	52694,92188
08-01-2021 0:00	4:22:23	222614,6406	825,480957	169633,0156	824,7909546	52981,625
08-01-2021 0:00	4:22:28	222790,0938	825,480957	170111,0156	824,7909546	52679,07813
08-01-2021 0:00	4:22:33	221994,3906	825,4143677	169448,0625	824,7594604	52546,32813
08-01-2021 0:00	4:22:38	222999,7344	825,4094849	170403,7656	824,7511084	52595,96875
08-01-2021 0:00	4:22:43	222521,625	825,4484863	169830,1719	824,8211167	52691,45313
08-01-2021 0:00	4:22:48	222320,125	825,4484863	169722,5625	824,8211167	52597,5625

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.457	825.39	169.787	824.71	52.669	
DESV EST	394.83	0.06	410.98	0.06	230.84	
% DESV EST	0,1775%	0,0073%	0,2421%	0,0078%	0,4383%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	4:23:53	222509,1406	825,4562988	169813,2031	824,8340454	52695,9375
08-01-2021 0:00	4:23:58	222318	825,5024414	169765,3906	824,7408447	52552,60938
08-01-2021 0:00	4:24:03	222353,5	825,5024414	169688,5156	824,7408447	52664,98438
08-01-2021 0:00	4:24:08	222263,8594	825,480835	169582,5938	824,784729	52681,26563
08-01-2021 0:00	4:24:13	222227,0313	825,4384155	169636,2031	824,7558594	52590,82813
08-01-2021 0:00	4:24:18	222993,2969	825,4303589	170305,4375	824,7558594	52687,85938
08-01-2021 0:00	4:24:23	222373,5781	825,4303589	169688,4063	824,7374268	52685,17188
08-01-2021 0:00	4:24:28	223079,4844	825,4746704	170548,0938	824,7412109	52531,39063
08-01-2021 0:00	4:24:33	222983,5156	825,4863281	170152,9531	824,8042603	52830,5625
08-01-2021 0:00	4:24:38	222119,4844	825,4863281	169579,4219	824,8042603	52540,0625
08-01-2021 0:00	4:24:43	222652,9531	825,4669189	170397,375	824,7736816	52255,57813
08-01-2021 0:00	4:24:48	222601,5469	825,4797974	169973,7031	824,7449951	52627,84375
08-01-2021 0:00	4:24:53	222123,3594	825,4797974	169400,0625	824,8069458	52723,29688
08-01-2021 0:00	4:24:58	222169,5938	825,4896851	169531,0781	824,8069458	52638,51563
08-01-2021 0:00	4:25:03	222183,3281	825,4385986	169869,9375	824,7855225	52313,39063
08-01-2021 0:00	4:25:08	222413,2813	825,4735107	169733,25	824,7521973	52680,03125
08-01-2021 0:00	4:25:13	222556,8281	825,4735107	170067,875	824,7521973	52488,95313
08-01-2021 0:00	4:25:18	222319,2656	825,467041	169584,1563	824,7807007	52735,10938
08-01-2021 0:00	4:25:23	222216,1406	825,500061	169815,375	824,819397	52400,76563
08-01-2021 0:00	4:25:28	222086,7031	825,4465332	169524,8438	824,8383179	52561,85938
08-01-2021 0:00	4:25:33	222899,8281	825,4465332	170242,4844	824,8383179	52657,34375
08-01-2021 0:00	4:25:38	221978,7344	825,4926147	169392,8594	824,7810669	52585,875
08-01-2021 0:00	4:25:43	223036,6563	825,4705811	170200,6875	824,8047485	52835,96875
08-01-2021 0:00	4:25:48	222230,5625	825,4354858	169722,6719	824,803833	52507,89063
08-01-2021 0:00	4:25:53	222039,6406	825,4354858	170296,5469	824,803833	51743,09375
08-01-2021 0:00	4:25:58	222563,7969	825,4342651	170018,2031	824,7614746	52545,59375
08-01-2021 0:00	4:26:03	222129,2656	825,4508667	169396,3594	824,7634277	52732,90625
08-01-2021 0:00	4:26:08	222560,7031	825,484436	169922,1719	824,7091675	52638,53125
08-01-2021 0:00	4:26:13	222073,7344	825,484436	169598,3906	824,7091675	52475,34375
08-01-2021 0:00	4:26:18	222465,5156	825,4454956	169882,8281	824,7213135	52582,6875
08-01-2021 0:00	4:26:23	222014,8906	825,5193481	169777,7188	824,7687988	52237,17188
08-01-2021 0:00	4:26:28	222397,2969	825,5193481	169921,0938	824,7687988	52476,20313
08-01-2021 0:00	4:26:33	221877,625	825,4950562	169296,5781	824,7845459	52581,04688
08-01-2021 0:00	4:26:38	222746,3125	825,4619141	169975,75	824,7346191	52770,5625
08-01-2021 0:00	4:26:43	222123,625	825,3839111	169504,8281	824,6992188	52618,79688
08-01-2021 0:00	4:26:48	222813,6094	825,3839111	170078,4531	824,6992188	52735,15625
08-01-2021 0:00	4:26:53	222217,6875	825,4719238	169342,4844	824,7940674	52875,20313
08-01-2021 0:00	4:26:58	221990,1719	825,4268799	169399,8438	824,7423706	52590,32813
08-01-2021 0:00	4:27:03	222994,5	825,4268799	170355,8281	824,7567139	52638,67188
08-01-2021 0:00	4:27:08	222266,7188	825,4647217	169492,5938	824,7567139	52774,125
08-01-2021 0:00	4:27:13	222568,5781	825,4137573	170100,75	824,822876	52467,82813
08-01-2021 0:00	4:27:18	222555,6094	825,4629517	169728,3281	824,7803955	52827,28125
08-01-2021 0:00	4:27:23	222316,75	825,4629517	169919,4844	824,7803955	52397,26563
08-01-2021 0:00	4:27:28	222716,125	825,3983765	169686,5938	824,7463989	53029,53125
08-01-2021 0:00	4:27:33	222512,625	825,4464722	170259,5781	824,7494507	52253,04688
08-01-2021 0:00	4:27:38	222750,5938	825,4467773	169830,4063	824,7443237	52920,1875
08-01-2021 0:00	4:27:43	222128,8594	825,4467773	169734,0781	824,7443237	52394,78125
08-01-2021 0:00	4:27:48	222417,25	825,4414063	169631,4219	824,7796021	52785,82813
08-01-2021 0:00	4:27:53	223571,2813	825,4172363	170445,5	824,7720337	53125,78125
08-01-2021 0:00	4:27:58	222263,9375	825,4727173	169632,9531	824,7388916	52630,98438
08-01-2021 0:00	4:28:03	221929,3281	825,4727173	169831,5	824,7388916	52097,82813
08-01-2021 0:00	4:28:08	222460,1719	825,4537964	169587,9063	824,7615967	52872,26563
08-01-2021 0:00	4:28:13	222522,6719	825,399292	170691,9063	824,7426147	51830,76563
08-01-2021 0:00	4:28:18	223050,3594	825,4827271	170356,4688	824,7426147	52693,89063
08-01-2021 0:00	4:28:23	222454,6094	825,4827271	169675,6875	824,8008423	52778,92188
08-01-2021 0:00	4:28:28	223034,1094	825,4662476	170217,5625	824,72052	52816,54688
08-01-2021 0:00	4:28:33	222747,125	825,4124756	170028,1875	824,7079468	52718,9375
08-01-2021 0:00	4:28:38	222904,8906	825,4124756	170315	824,7079468	52589,89063
08-01-2021 0:00	4:28:43	222699,7656	825,4639282	170017,4375	824,7613525	52682,32813
08-01-2021 0:00	4:28:48	222555,4844	825,4632568	169971,9531	824,7460938	52583,53125
08-01-2021 0:00	4:28:53	223129,2969	825,4805908	170210,9375	824,6992798	52918,35938
08-01-2021 0:00	4:28:58	222214,9688	825,4805908	169550,2656	824,6992798	52664,70313
08-01-2021 0:00	4:29:03	222937,6563	825,4611206	170497,1563	824,7449341	52440,5
08-01-2021 0:00	4:29:08	222503	825,4718628	169820,5156	824,786377	52682,48438
08-01-2021 0:00	4:29:13	221977	825,4718628	169104,3125	824,7346191	52872,6875
08-01-2021 0:00	4:29:18	222469,3125	825,4185791	169879,3594	824,7346191	52589,95313
08-01-2021 0:00	4:29:23	222135,2656	825,4171753	169348,5156	824,7557983	52786,75
08-01-2021 0:00	4:29:28	223183,3125	825,4307861	170501,3125	824,7282715	52682
08-01-2021 0:00	4:29:33	222705,2188	825,4307861	169784,2344	824,7282715	52920,98438
08-01-2021 0:00	4:29:38	222417,1719	825,4334106	169687,4375	824,7342529	52729,73438
08-01-2021 0:00	4:29:43	222610,3125	825,4213257	169789,125	824,7042236	52821,1875
08-01-2021 0:00	4:29:48	222693,5938	825,4694214	170066,7031	824,749939	52626,89063
08-01-2021 0:00	4:29:53	222405,125	825,4694214	169684,3594	824,749939	52720,76563
08-01-2021 0:00	4:29:58	222805,4063	825,4003906	170104,1875	824,8052368	52701,21875
08-01-2021 0:00	4:30:03	223129,0625	825,4370728	170252,4844	824,7808228	52876,57813
08-01-2021 0:00	4:30:08	222267,1875	825,4660034	169535,4844	824,7703247	52731,70313
08-01-2021 0:00	4:30:13	222642,5	825,4660034	170206,8594	824,7703247	52435,64063
08-01-2021 0:00	4:30:18	222798,3438	825,4193726	169493,2813	824,7489624	53305,0625
08-01-2021 0:00	4:30:23	222745	825,4441528	170060,8125	824,77948	52684,1875
08-01-2021 0:00	4:30:28	222027,4844	825,4135132	169343,7813	824,77948	52683,70313
08-01-2021 0:00	4:30:33	222754,0938	825,4135132	170065,6719	824,7589722	52688,42188
08-01-2021 0:00	4:30:38	222133,9219	825,414978	169636,2813	824,7549438	52497,64063
08-01-2021 0:00	4:30:43	222373,5781	825,4348755	169640,2031	824,7355597	52733,375
08-01-2021 0:00	4:30:48	223086,3281	825,4348755	170357,2031	824,7355597	52729,125
08-01-2021 0:00	4:30:53	222989,8125	825,440918	170013,5313	824,7805786	52976,28125
08-01-2021 0:00	4:30:58	222173,7188	825,4533691	169539,3281	824,7576904	52634,39063
08-01-2021 0:00	4:31:03	222508,4219	825,4533691	169634,9219	824,7254028	52873,5
08-01-2021 0:00	4:31:08	222605,625	825,447937	169976,8438	824,7254028	52628,78125
08-01-2021 0:00	4:31:13	222093,125	825,3995361	169774,4063	824,7775269	52318,71875
08-01-2021 0:00	4:31:18	222574,1094	825,3875732	170168,375	824,7158813	52405,73438
08-01-2021 0:00	4:31:23	222239,5156	825,3875732	169643,2813	824,7158813	52596,23438
08-01-2021 0:00	4:31:28	222407,0938	825,479126	169876,7969	824,7437134	52530,29688
08-01-2021 0:00	4:31:33	222550,6094	825,4755249	170353,9375	824,7479248	52196,67188
08-01-2021 0:00	4:31:38	222219,0781	825,461792	169674,0469	824,8011475	52545,03125
08-01-2021 0:00	4:31:43	223319,2344	825,461792	170726		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

	FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]	
	ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]		
PROMEDIO	222,457	825,39	169,787	824,71	52,669	
DESV EST	394,83	0,06	410,98	0,06	230,84	
% DESV EST	0,1775%	0,0073%	0,2421%	0,0078%	0,4383%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	4:32:43	222321,4375	825,4353027	169448,5156	824,741333	52872,92188
08-01-2021 0:00	4:32:48	221314,8906	825,4338989	170348,375	824,7828979	52786,51563
08-01-2021 0:00	4:32:53	222512,9375	825,4107666	169448,1406	824,7432251	53064,79688
08-01-2021 0:00	4:32:58	222375,7813	825,4107666	169543,7344	824,7432251	52832,04688
08-01-2021 0:00	4:33:03	223143,2813	825,4019775	170167,75	824,7303467	52975,53125
08-01-2021 0:00	4:33:08	222138,9688	825,4052124	169493,7031	824,7542114	52645,26563
08-01-2021 0:00	4:33:13	222713,2344	825,4052124	170209,2188	824,7078857	52504,01563
08-01-2021 0:00	4:33:18	222333,2344	825,3897095	169740,4844	824,7078857	52592,75
08-01-2021 0:00	4:33:23	221785,0781	825,4742432	169348,4844	824,7559204	52436,59375
08-01-2021 0:00	4:33:28	222361,4688	825,4644775	169685,0625	824,7459717	52676,40625
08-01-2021 0:00	4:33:33	221883,25	825,4644775	169207,875	824,7459717	52675,375
08-01-2021 0:00	4:33:38	222214,2344	825,484314	169389,5938	824,7854614	52824,64063
08-01-2021 0:00	4:33:43	222939,0625	825,4550171	170299,5938	824,776123	52639,46875
08-01-2021 0:00	4:33:48	222368,7344	825,4415894	169537,2344	824,7639771	52831,5
08-01-2021 0:00	4:33:53	222704,6875	825,4415894	170063,0469	824,7639771	52641,64063
08-01-2021 0:00	4:33:58	222311,1406	825,4771729	169496,0313	824,7312622	52815,10938
08-01-2021 0:00	4:34:03	221877,8281	825,4848633	169025,3594	824,6985474	52852,46875
08-01-2021 0:00	4:34:08	222090,25	825,406189	169359,9063	824,7438965	52730,34375
08-01-2021 0:00	4:34:13	222999,0781	825,406189	170211,2969	824,7438965	52787,78125
08-01-2021 0:00	4:34:18	222703,0469	825,4400024	169639,8906	824,7327271	53063,15625
08-01-2021 0:00	4:34:23	222282,7656	825,4014282	170164,625	824,7342529	52118,14063
08-01-2021 0:00	4:34:28	222569,1563	825,3689575	169878,5781	824,7342529	52690,57813
08-01-2021 0:00	4:34:33	222193,25	825,3689575	169250,0781	824,7699585	52943,17188
08-01-2021 0:00	4:34:38	223042,2969	825,4025269	170310,0313	824,7281494	52732,26563
08-01-2021 0:00	4:34:43	222323,7031	825,4515381	169434,6719	824,7991943	52889,03125
08-01-2021 0:00	4:34:48	221928,5938	825,4515381	169005,2656	824,7991943	52923,32813
08-01-2021 0:00	4:34:53	222469	825,3969727	169586,1406	824,7625122	52882,85938
08-01-2021 0:00	4:34:58	222666,2813	825,3750611	169835,1719	824,7124023	52831,10938
08-01-2021 0:00	4:35:03	222857,4219	825,4613647	169882,9375	824,7196045	52974,48438
08-01-2021 0:00	4:35:08	221879,3438	825,4613647	169068,875	824,7196045	52810,46875
08-01-2021 0:00	4:35:13	222645,4531	825,4570313	169736,7031	824,7268677	52908,75
08-01-2021 0:00	4:35:18	221947,6563	825,3873901	169303,5781	824,7410889	52644,07813
08-01-2021 0:00	4:35:23	222760,6406	825,3873901	169877,25	824,7320557	52883,39063
08-01-2021 0:00	4:35:28	222044,5938	825,3820801	169209,0469	824,7320557	52835,54688
08-01-2021 0:00	4:35:33	222562,9063	825,4112549	169723,7188	824,7878418	52839,1875
08-01-2021 0:00	4:35:38	221703,0938	825,4069214	169213,625	824,7090454	52489,46875
08-01-2021 0:00	4:35:43	222612,9844	825,4069214	169929,9531	824,7090454	52683,03125
08-01-2021 0:00	4:35:48	222190,9688	825,3759766	169450,625	824,7120361	52740,34375
08-01-2021 0:00	4:35:53	222616,6406	825,3931274	169780,8594	824,7337036	52835,78125
08-01-2021 0:00	4:35:58	222180,8906	825,4103394	169679,8125	824,7607422	52501,07813
08-01-2021 0:00	4:36:03	222467,6406	825,4103394	169632,0781	824,7607422	52835,5625
08-01-2021 0:00	4:36:08	222988,1563	825,4283447	170358,5313	824,7134399	52629,625
08-01-2021 0:00	4:36:13	222656,1094	825,4130859	169879,1406	824,7164307	52776,96875
08-01-2021 0:00	4:36:18	221896,5469	825,3918457	169401,125	824,7973633	52495,42188
08-01-2021 0:00	4:36:23	222518,9688	825,3918457	169959,3125	824,7973633	52559,65625
08-01-2021 0:00	4:36:28	221887,5625	825,4292603	169248,9688	824,7603149	52638,59375
08-01-2021 0:00	4:36:33	222407,5938	825,4527588	169492,1406	824,739563	52915,45313
08-01-2021 0:00	4:36:38	222407,5938	825,437439	169874,4844	824,739563	52533,10938
08-01-2021 0:00	4:36:43	222459,25	825,437439	169633,9531	824,7512207	52825,29688
08-01-2021 0:00	4:36:48	222044,4844	825,37854	169390,0938	824,7756958	52654,39063
08-01-2021 0:00	4:36:53	222857,1094	825,4226074	170210,0625	824,7385254	52647,04688
08-01-2021 0:00	4:36:58	222128,2188	825,4226074	169349,6875	824,7385254	52778,53125
08-01-2021 0:00	4:37:03	222935	825,4473877	170694,125	824,7158813	52240,875
08-01-2021 0:00	4:37:08	222647,7188	825,4468384	169875,8906	824,7401123	52771,82813
08-01-2021 0:00	4:37:13	222313,25	825,4468384	169397,8594	824,8357544	52915,39063
08-01-2021 0:00	4:37:18	222843,6406	825,4307251	170143,5156	824,8357544	52700,125
08-01-2021 0:00	4:37:23	222329,6406	825,383728	169685,0469	824,7382813	52644,59375
08-01-2021 0:00	4:37:28	222170,375	825,4441528	169356,1563	824,7096558	52814,21875
08-01-2021 0:00	4:37:33	222409,8281	825,4441528	169451,7656	824,7096558	52958,0625
08-01-2021 0:00	4:37:38	223615,6406	825,3978882	170830,5469	824,7468872	52785,09375
08-01-2021 0:00	4:37:43	223069,5469	825,4728394	170007,1563	824,8007813	53062,39063
08-01-2021 0:00	4:37:48	222218,0313	825,4387817	169439,1094	824,7694702	52778,92188
08-01-2021 0:00	4:37:53	222658,8281	825,4387817	169534,7031	824,7694702	52731,125
08-01-2021 0:00	4:37:58	222184,5625	825,3919067	169305,3438	824,7211304	52879,21875
08-01-2021 0:00	4:38:03	222658,8594	825,4068604	169921,0156	824,7497559	52737,84375
08-01-2021 0:00	4:38:08	221841,0938	825,4240723	169156,2969	824,6888428	52684,79688
08-01-2021 0:00	4:38:13	223084,5781	825,4240723	170267,8125	824,6888428	52816,76563
08-01-2021 0:00	4:38:18	222138,5	825,3834839	169540,6719	824,739563	52597,82813
08-01-2021 0:00	4:38:23	222273,0625	825,4251099	170114,1875	824,7398682	52158,875
08-01-2021 0:00	4:38:28	222225,1875	825,3839722	169588,4063	824,7335205	52636,78125
08-01-2021 0:00	4:38:33	221805,7188	825,3839722	169446,2969	824,7335205	52359,42188
08-01-2021 0:00	4:38:38	222330	825,3944702	169583,1563	824,7698364	52746,84375
08-01-2021 0:00	4:38:43	221855,3594	825,3765869	169443,75	824,7498779	52411,60938
08-01-2021 0:00	4:38:48	222620,6406	825,4451294	169826,0938	824,7498779	52794,54688
08-01-2021 0:00	4:38:53	221981,0781	825,4451294	169298,875	824,7536621	52682,20313
08-01-2021 0:00	4:38:58	221948,8281	825,3860474	169103,5781	824,7741699	52845,25
08-01-2021 0:00	4:39:03	222761,0156	825,4428711	169926,6563	824,7213745	52834,35938
08-01-2021 0:00	4:39:08	221980,5156	825,4428711	169257,5	824,7213745	52723,01563
08-01-2021 0:00	4:39:13	222482,9688	825,3502808	169680,7969	824,7633057	52802,17188
08-01-2021 0:00	4:39:18	221791,8906	825,4329224	169111,875	824,7398682	52680,01563
08-01-2021 0:00	4:39:23	223274,2656	825,4329224	170402,4844	824,7407837	52871,78125
08-01-2021 0:00	4:39:28	222421,5469	825,3982544	169684,5313	824,7407837	52737,01563
08-01-2021 0:00	4:39:33	221888,125	825,4261475	169061,375	824,7497559	52826,75
08-01-2021 0:00	4:39:38	222047,9219	825,3644409	169543,5469	824,7287598	52504,375
08-01-2021 0:00	4:39:43	222669,9375	825,3644409	170068,625	824,7287598	52601,3125
08-01-2021 0:00	4:39:48	222227,375	825,4102173	169480,3906	824,8057861	52746,98438
08-01-2021 0:00	4:39:53	222703,2344	825,4187622	170118,0938	824,7241211	52585,14063
08-01-2021 0:00	4:39:58	222416,2969	825,4230957	169688,5156	824,7210083	52727,78125
08-01-2021 0:00	4:40:03	221890,5	825,4230957	169688,5156	824,7210083	52201,98438
08-01-2021 0:00	4:40:08	222327,8281	825,3944702	169730,2656	824,7510986	52597,5625
08-01-2021 0:00	4:40:13	222003,6094	825,3551025	169215,875	824,6902466	52787,73438
08-01-2021 0:00	4:40:18	222036,1094	825,4129028	169598,2969	824,7487793	52437,8125
08-01-2021 0:00	4:40:23	222418,8125	825,4129028	170064,5938	824,7487793	52354,21875
08-01-2021 0:00	4:40:28	222273,5469	825,4191284	169451,7656	824,7058105	52821,78125
08-01-2021 0:00						

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.457	825.39	169.787	824.71	52.669	
DESV EST	394.83	0.06	410.98	0.06	230.84	
% DESV EST	0,1775%	0,0073%	0,2421%	0,0078%	0,4383%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	4:41:33	222229,4531	825,4019775	169312,1719	824,7089844	52917,28125
08-01-2021 0:00	4:41:38	222676,2031	825,3438721	169976,1563	824,7089844	52700,04688
08-01-2021 0:00	4:41:43	222178,9531	825,4169312	169407,8906	824,6783447	52771,06225
08-01-2021 0:00	4:41:48	222804,25	825,4031372	170157,0469	824,7530518	52647,20313
08-01-2021 0:00	4:41:53	222278,1563	825,4031372	169440,0781	824,7530518	52838,07813
08-01-2021 0:00	4:41:58	222612,8125	825,4033203	169966,4063	824,7502441	52646,40625
08-01-2021 0:00	4:42:03	221981,5313	825,4377441	169451,3281	824,6964111	52530,20313
08-01-2021 0:00	4:42:08	222355,6406	825,4708862	169736,6094	824,7042847	52619,03125
08-01-2021 0:00	4:42:13	222067,7656	825,4708862	169259,2656	824,7042847	52808,5
08-01-2021 0:00	4:42:18	222528,9063	825,3505859	169737,125	824,7050781	52791,78125
08-01-2021 0:00	4:42:23	221933,125	825,4335938	169211,5938	824,7034912	52721,53125
08-01-2021 0:00	4:42:28	223235,3906	825,3886719	170406,7344	824,7528687	52828,65625
08-01-2021 0:00	4:42:33	222372,2031	825,3886719	169631,25	824,7528687	52740,95313
08-01-2021 0:00	4:42:38	222661,4531	825,3734131	169920,4219	824,7446899	52741,03125
08-01-2021 0:00	4:42:43	222528,4063	825,3297119	169585,0469	824,7486572	52943,35938
08-01-2021 0:00	4:42:48	222144,9844	825,3341064	169993,8125	824,696167	52751,17188
08-01-2021 0:00	4:42:53	222478,4531	825,3341064	169642,5469	824,696167	52835,90625
08-01-2021 0:00	4:42:58	222672,2969	825,3252563	170162,0625	824,7279663	52510,23438
08-01-2021 0:00	4:43:03	222565,1094	825,3676147	169730,875	824,7327881	52834,23438
08-01-2021 0:00	4:43:08	221847,9375	825,4422607	169300,6563	824,7327881	52547,28125
08-01-2021 0:00	4:43:13	222163,1875	825,4422607	169397	824,7290039	52766,1875
08-01-2021 0:00	4:43:18	222315,8906	825,4063721	169585,75	824,7414551	52730,14063
08-01-2021 0:00	4:43:23	221743,0156	825,4491577	168927,7656	824,6851196	52815,25
08-01-2021 0:00	4:43:28	221779,7344	825,4491577	169214,5938	824,6851196	52565,14063
08-01-2021 0:00	4:43:33	222321,25	825,3898926	169632,75	824,7452393	52688,5
08-01-2021 0:00	4:43:38	221889,1875	825,3997192	169162,5781	824,7062378	52726,60938
08-01-2021 0:00	4:43:43	222702,2969	825,3997192	169975,1719	824,6994019	52727,125
08-01-2021 0:00	4:43:48	222084,1094	825,3860474	169307,3125	824,6994019	52776,79688
08-01-2021 0:00	4:43:53	223233,5938	825,3806763	170511,7813	824,6526489	52721,8125
08-01-2021 0:00	4:43:58	222327,7031	825,3685303	169826,4219	824,7328491	52501,28125
08-01-2021 0:00	4:44:03	221706,0938	825,3685303	168870,4531	824,7328491	52835,64063
08-01-2021 0:00	4:44:08	221991,1094	825,3770752	169296,9375	824,751709	52694,17188
08-01-2021 0:00	4:44:13	223274,0156	825,4077759	170450,4219	824,7163086	52823,59375
08-01-2021 0:00	4:44:18	222322,5625	825,3664551	169448,8438	824,7053223	52783,71875
08-01-2021 0:00	4:44:23	221993,6406	825,3664551	169305,3906	824,7053223	52688,25
08-01-2021 0:00	4:44:28	222222,0938	825,4049683	169693,0313	824,6792603	52529,0625
08-01-2021 0:00	4:44:33	222884,7813	825,4308472	170202,6563	824,7561646	52682,125
08-01-2021 0:00	4:44:38	222220,3438	825,4107056	169486,4688	824,7493896	52733,875
08-01-2021 0:00	4:44:43	221933,4219	825,4107056	169296,6094	824,7493896	52636,8125
08-01-2021 0:00	4:44:48	223422,8906	825,3842163	170780,75	824,7376099	52642,14063
08-01-2021 0:00	4:44:53	222748,3125	825,4060059	169825,5313	824,7337036	52922,78125
08-01-2021 0:00	4:44:58	221841,625	825,3526611	169156,3438	824,7351685	52685,28125
08-01-2021 0:00	4:45:03	222525,2656	825,3526611	169634,0781	824,7351685	52891,1875
08-01-2021 0:00	4:45:08	221845,125	825,3893433	169117,7344	824,687439	52727,39063
08-01-2021 0:00	4:45:13	222658,0938	825,451355	169883,9219	824,6884155	52774,17188
08-01-2021 0:00	4:45:18	221780,8594	825,451355	169166,8438	824,6884155	52614,01563
08-01-2021 0:00	4:45:23	222193,5781	825,3380737	169312,8281	824,6752319	52880,75
08-01-2021 0:00	4:45:28	222430,1406	825,3480835	169637,2969	824,7261963	52792,84375
08-01-2021 0:00	4:45:33	221856,1094	825,3330078	169636,5469	824,6956787	52219,5625
08-01-2021 0:00	4:45:38	222672,8125	825,3330078	169833,1094	824,6956787	52839,70313
08-01-2021 0:00	4:45:43	222178,3594	825,394165	169399,0781	824,7148438	52779,28125
08-01-2021 0:00	4:45:48	222714,4531	825,3602905	170168,75	824,6906128	52545,70313
08-01-2021 0:00	4:45:53	222331,6563	825,3602905	169548,0625	824,7164307	52783,59375
08-01-2021 0:00	4:45:58	222069,9375	825,4472046	169351,7031	824,7164307	52718,23438
08-01-2021 0:00	4:46:03	222178,6406	825,3990479	169642,0938	824,6984253	52536,54688
08-01-2021 0:00	4:46:08	222556,9375	825,4153442	169734,125	824,7161865	52822,8125
08-01-2021 0:00	4:46:13	222222,1094	825,4153442	170021	824,7161865	52201,10938
08-01-2021 0:00	4:46:18	222554,7813	825,4230347	169878,1406	824,7133789	52676,64063
08-01-2021 0:00	4:46:23	222026,6875	825,4309082	169397,75	824,7252808	52628,9375
08-01-2021 0:00	4:46:28	222043	825,3687134	169407,2031	824,6741943	52635,79688
08-01-2021 0:00	4:46:33	222090,9531	825,3687134	169455	824,6741943	52635,95313
08-01-2021 0:00	4:46:38	222860,875	825,3427734	170113,0469	824,7302246	52747,82813
08-01-2021 0:00	4:46:43	222132,7031	825,383728	169399,7813	824,7114868	52732,92188
08-01-2021 0:00	4:46:48	223041,125	825,3285522	170546,9844	824,7047729	52494,14063
08-01-2021 0:00	4:46:53	222431,5469	825,3285522	169448,9063	824,7047729	52982,64063
08-01-2021 0:00	4:46:58	221899,2969	825,3500977	169306,5	824,6958618	52592,79688
08-01-2021 0:00	4:47:03	222953,9688	825,3391724	170355,25	824,710144	52598,71875
08-01-2021 0:00	4:47:08	222188,7813	825,3948975	169447,0313	824,710144	52741,75
08-01-2021 0:00	4:47:13	221887,3906	825,3948975	169397,5469	824,7225952	52489,84375
08-01-2021 0:00	4:47:18	222595,0938	825,4324951	170171,3281	824,6779785	52423,76563
08-01-2021 0:00	4:47:23	222690,5156	825,3571167	169830,5313	824,7085571	52859,98438
08-01-2021 0:00	4:47:28	221899,7188	825,3571167	169448,1875	824,7085571	52451,53125
08-01-2021 0:00	4:47:33	222000,5469	825,3398438	169489,7031	824,7398682	52510,84375
08-01-2021 0:00	4:47:38	222755,125	825,3807983	170209	824,7282715	52546,125
08-01-2021 0:00	4:47:43	222133,2656	825,3807983	169634,6406	824,6756592	52498,625
08-01-2021 0:00	4:47:48	222562,3281	825,3865356	169788,5625	824,6756592	52773,76563
08-01-2021 0:00	4:47:53	222146,7344	825,3302612	169393,3906	824,739563	52753,34375
08-01-2021 0:00	4:47:58	222985,3594	825,4140015	170411,8594	824,6660767	52573,5
08-01-2021 0:00	4:48:03	222363,5781	825,4140015	169694,8438	824,6660767	52668,73438
08-01-2021 0:00	4:48:08	222467,3125	825,3845215	169933,1094	824,6660156	52534,20313
08-01-2021 0:00	4:48:13	221989,2031	825,3823242	169383,8438	824,7799072	52605,35938
08-01-2021 0:00	4:48:18	223288,375	825,3460693	170454,9844	824,6819458	52833,39063
08-01-2021 0:00	4:48:23	222952,4531	825,3460693	170072,5625	824,6819458	52879,89063
08-01-2021 0:00	4:48:28	221893,4063	825,371582	169107,75	824,7299194	52785,65625
08-01-2021 0:00	4:48:33	222238,0469	825,335022	169542,4063	824,7075195	52695,64063
08-01-2021 0:00	4:48:38	222941,1719	825,3895874	170163,0469	824,6195068	52778,125
08-01-2021 0:00	4:48:43	222557,9688	825,3895874	169607,0625	824,6195068	52950,90625
08-01-2021 0:00	4:48:48	221941,4063	825,375	169018,3125	824,6953125	52923,09375
08-01-2021 0:00	4:48:53	222362,2813	825,4119263	169679,1406	824,731216	52683,14063
08-01-2021 0:00	4:48:58	222314,6094	825,4058228	169440,1563	824,6618042	52874,45313
08-01-2021 0:00	4:49:03	221838,0313	825,4058228	169598,5938	824,6618042	52239,4375
08-01-2021 0:00	4:49:08	222456,6406	825,4246216	169634,5938	824,7208252	52822,04688
08-01-2021 0:00	4:49:13	222039,9844	825,3720703	169252,2813	824,7205811	52787,70313
08-01-2021 0:00	4:49:18	223093,0156	825,3417969	170303,8281	824,7205811	52789,1875
08-01-2021 0:00	4:49:23	222622,7188	825,3417969	169		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.457	825.39	169.787	824.71	52.669	
DESV EST	394.83	0.06	410.98	0.06	230.84	
% DESV EST	0,1775%	0,0073%	0,2421%	0,0078%	0,4383%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	4:50:23	222032,0938	825,4100342	170110,6406	824,7267456	51921,45313
08-01-2021 0:00	4:50:28	222566,2344	825,37854	169974,2031	824,6918335	52592,03125
08-01-2021 0:00	4:50:33	222038,2656	825,37854	169449,2031	824,6918335	52589,0625
08-01-2021 0:00	4:50:38	222321,6406	825,3931274	169455,8438	824,6585083	52865,79688
08-01-2021 0:00	4:50:43	223191,0781	825,3605347	170491,2969	824,7352905	52699,78125
08-01-2021 0:00	4:50:48	222375,4063	825,3656616	169535,3438	824,6464844	52840,0625
08-01-2021 0:00	4:50:53	222088,5781	825,3656616	169600,8281	824,6464844	52487,75
08-01-2021 0:00	4:50:58	222093,8906	825,3453979	169466,9531	824,5991211	52626,9375
08-01-2021 0:00	4:51:03	222815,9844	825,3259277	170358,0625	824,6845703	52457,92188
08-01-2021 0:00	4:51:08	221953,8281	825,4074097	169497,6406	824,6928711	52456,1875
08-01-2021 0:00	4:51:13	222028,375	825,4074097	169878,4375	824,6928711	52149,9375
08-01-2021 0:00	4:51:18	221836,375	825,409729	169344,8906	824,7316284	52491,48438
08-01-2021 0:00	4:51:23	221884,3281	825,3540039	169351,7656	824,6970825	52532,5625
08-01-2021 0:00	4:51:28	22138,1563	825,3540039	169542,9688	824,6970825	52595,1875
08-01-2021 0:00	4:51:33	22121,9063	825,4078979	169402,9375	824,6838989	52718,96875
08-01-2021 0:00	4:51:38	222714,5781	825,333252	170064,3125	824,7193604	52650,26563
08-01-2021 0:00	4:51:43	222569,8906	825,3607178	169586,25	824,7348022	52983,64063
08-01-2021 0:00	4:51:48	221941,3438	825,3607178	169057,3906	824,7348022	52883,95313
08-01-2021 0:00	4:51:53	222615,6875	825,3424072	169836,875	824,6611938	52778,8125
08-01-2021 0:00	4:51:58	221946,4844	825,3415527	169164,7656	824,6757813	52781,71875
08-01-2021 0:00	4:52:03	222424,6563	825,3415527	169595	824,7058716	52829,65625
08-01-2021 0:00	4:52:08	222086,0625	825,355957	169397,7813	824,7058716	52688,28125
08-01-2021 0:00	4:52:13	222226,125	825,3703003	169352,1719	824,6949463	52873,95313
08-01-2021 0:00	4:52:18	222665,7969	825,3345947	169790,5156	824,6539917	52875,28125
08-01-2021 0:00	4:52:23	222043,8125	825,3345947	169216,2031	824,6539917	52827,60938
08-01-2021 0:00	4:52:28	222470,875	825,3476563	169630,2969	824,7345581	52840,57813
08-01-2021 0:00	4:52:33	221951,5313	825,3220215	168878,6875	824,668396	53072,84375
08-01-2021 0:00	4:52:38	222413,1406	825,3847656	169730,9688	824,7015991	52682,17188
08-01-2021 0:00	4:52:43	221647,6563	825,3847656	169110,3594	824,7015991	52537,29688
08-01-2021 0:00	4:52:48	222372,9063	825,3552856	169545,2969	824,6815186	52827,60938
08-01-2021 0:00	4:52:53	221944,0938	825,3495483	169117,9219	824,6598511	52826,17188
08-01-2021 0:00	4:52:58	222800,5469	825,3665771	169978,3281	824,6817017	52822,21875
08-01-2021 0:00	4:53:03	222274,3281	825,3665771	169352,5469	824,6817017	52921,78125
08-01-2021 0:00	4:53:08	223556,2969	825,4025879	170403,0156	824,687561	53153,28125
08-01-2021 0:00	4:53:13	222692	825,4151611	169737,5156	824,6693115	52954,48438
08-01-2021 0:00	4:53:18	222022,8906	825,3266602	169307,25	824,6693115	52715,64063
08-01-2021 0:00	4:53:23	222764,5156	825,3266602	170004,9063	824,7657471	52759,60938
08-01-2021 0:00	4:53:28	221902,2188	825,3314819	169302,6719	824,6921997	52599,54688
08-01-2021 0:00	4:53:33	222523,6094	825,3610229	169823,4063	824,7174072	52700,20313
08-01-2021 0:00	4:53:38	222181,4844	825,3610229	169393,2656	824,7174072	52788,21875
08-01-2021 0:00	4:53:43	222702,2188	825,3812256	169776,3906	824,713623	52925,82813
08-01-2021 0:00	4:53:48	222000,4375	825,3223267	169110,5469	824,6969604	52889,89063
08-01-2021 0:00	4:53:53	222957,6875	825,3709717	169970,1719	824,6534424	52987,51563
08-01-2021 0:00	4:53:58	221988,125	825,3709717	169309,6563	824,6534424	52678,46875
08-01-2021 0:00	4:54:03	222475,2031	825,379517	170174,3125	824,6325073	52300,89063
08-01-2021 0:00	4:54:08	222365,25	825,3917847	169437,9063	824,7293091	52927,34375
08-01-2021 0:00	4:54:13	222030,7656	825,3917847	168865,7813	824,7293091	53164,98438
08-01-2021 0:00	4:54:18	222365,1719	825,3931274	169595,2031	824,6710205	52769,96875
08-01-2021 0:00	4:54:23	221757,8438	825,3421021	169255,25	824,6977539	52502,59375
08-01-2021 0:00	4:54:28	222174,625	825,3950806	169399,1875	824,6948853	52775,4375
08-01-2021 0:00	4:54:33	222939,7969	825,3950806	170211,0625	824,6948853	52728,73438
08-01-2021 0:00	4:54:38	222605,2344	825,3928833	169644,9531	824,6572876	52960,28125
08-01-2021 0:00	4:54:43	221973,9063	825,4291992	169119,7656	824,6542969	52854,14063
08-01-2021 0:00	4:54:48	222796,0938	825,3946533	169885,375	824,6048584	52910,71875
08-01-2021 0:00	4:54:53	222173,2344	825,3946533	169225,1719	824,6048584	52948,0625
08-01-2021 0:00	4:54:58	222605,6094	825,3875732	169980,5	824,6565552	52625,10938
08-01-2021 0:00	4:55:03	222368,3281	825,3804932	169582,625	824,7340088	52785,70313
08-01-2021 0:00	4:55:08	222751,125	825,3311768	170203,2344	824,6882324	52547,89063
08-01-2021 0:00	4:55:13	222141,9531	825,3311768	169447,5313	824,6882324	52694,42188
08-01-2021 0:00	4:55:18	222460,6406	825,3972168	170083,1563	824,6213989	52377,48438
08-01-2021 0:00	4:55:23	222795,1719	825,3551025	170068,8438	824,692627	52726,32813
08-01-2021 0:00	4:55:28	221945,4219	825,3551025	169350,375	824,692627	52595,04688
08-01-2021 0:00	4:55:33	222085,0156	825,3703613	169454,0313	824,6522217	52630,98438
08-01-2021 0:00	4:55:38	222049,5156	825,3252563	169303,9219	824,6856079	52745,59375
08-01-2021 0:00	4:55:43	222384,0469	825,3210449	169447,375	824,6894531	52936,67188
08-01-2021 0:00	4:55:48	222717,8906	825,3210449	170545,9688	824,6894531	52171,92188
08-01-2021 0:00	4:55:53	222805,2188	825,3514404	170024,0313	824,670166	52781,1875
08-01-2021 0:00	4:55:58	221940,5469	825,3666992	169112,9375	824,6848145	52827,60938
08-01-2021 0:00	4:56:03	223327,5781	825,3666992	170212,3438	824,6428223	53115,23438
08-01-2021 0:00	4:56:08	222335,0469	825,3253784	169551,5156	824,6428223	52783,53125
08-01-2021 0:00	4:56:13	221942,1406	825,3646851	169692,8906	824,6494141	52249,25
08-01-2021 0:00	4:56:18	222325,7031	825,3609009	169728,2031	824,715332	52597,5
08-01-2021 0:00	4:56:23	221799,6094	825,3609009	169059	824,715332	52740,60938
08-01-2021 0:00	4:56:28	222602,8125	825,3943481	169696,4844	824,6349487	52906,32813
08-01-2021 0:00	4:56:33	222049,4375	825,3162231	169067,5938	824,6722412	52981,84375
08-01-2021 0:00	4:56:38	222757,7188	825,3529053	169774,2656	824,72052	52983,45313
08-01-2021 0:00	4:56:43	222374,3281	825,3529053	169630,9063	824,72052	52743,42188
08-01-2021 0:00	4:56:48	223005	825,31427	169640,1563	824,6740112	53364,84375
08-01-2021 0:00	4:56:53	222093,5156	825,3206787	169493,7656	824,6924438	52599,75
08-01-2021 0:00	4:56:58	222371,9844	825,3499146	169974,0313	824,6810303	52397,95313
08-01-2021 0:00	4:57:03	222705,5781	825,3499146	169734,3594	824,6810303	52971,21875
08-01-2021 0:00	4:57:08	222230,2813	825,3378296	170111,8906	824,7089844	52118,39063
08-01-2021 0:00	4:57:13	223170,8281	825,3982544	170443,7031	824,7226563	52727,125
08-01-2021 0:00	4:57:18	222453,5625	825,3532715	169725,9844	824,7226563	52727,57813
08-01-2021 0:00	4:57:23	221988,3125	825,3532715	170304,8125	824,6968384	51683,5
08-01-2021 0:00	4:57:28	222467,3281	825,3488159	169881,0781	824,6642456	52586,25
08-01-2021 0:00	4:57:33	221654,2188	825,3345337	169311,75	824,6428833	52342,46875
08-01-2021 0:00	4:57:38	222375,2813	825,3345337	169932,4219	824,6428833	52442,85938
08-01-2021 0:00	4:57:43	221750,7813	825,3444824	169113,0156	824,6769409	52637,76563
08-01-2021 0:00	4:57:48	222655,4688	825,3604736	170071,5	824,6643677	52583,96875
08-01-2021 0:00	4:57:53	221987,0781	825,4205933	169306,6719	824,687439	52680,40625
08-01-2021 0:00	4:57:58	222975,5781	825,4205933	170401,4375	824,687439	52574,14063
08-01-2021 0:00	4:58:03	222320,1719	825,3670044	169690,7813	824,6557617	52629,39063
08-01-2021 0:00	4:58:08	222367,5469	825,3695068	169444,6094	824,6918335	52922,9375
08-01-2021 0:00	4:58:13	222272,7969	825,36			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.457	825.39	169.787	824.71	52.669	
DESV EST	394.83	0.06	410.98	0.06	230.84	
% DESV EST	0,1775%	0,0073%	0,2421%	0,0078%	0,4383%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	4:59:13	22268,0938	825,3916016	169446,4375	824,6745605	52821,65625
08-01-2021 0:00	4:59:18	22240,8906	825,3088989	169638,5156	824,6703491	52602,375
08-01-2021 0:00	4:59:23	222801,7344	825,3571777	169627	824,7277832	53174,73438
08-01-2021 0:00	4:59:28	222323,8906	825,3618164	169053,4063	824,7277832	53270,48438
08-01-2021 0:00	4:59:33	222896,7031	825,3618164	169630,25	824,7114258	53266,45313
08-01-2021 0:00	4:59:38	221982,3125	825,3831177	169244,5156	824,7282715	52737,79688
08-01-2021 0:00	4:59:43	222604,0781	825,3953857	169442,8438	824,692688	53161,23438
08-01-2021 0:00	4:59:48	221932,0938	825,3953857	168964,8438	824,692688	52967,25
08-01-2021 0:00	4:59:53	222567,3906	825,3441162	169783,5625	824,6586914	52783,82813
08-01-2021 0:00	4:59:58	222287,0938	825,3305664	169399,9063	824,6647339	52887,1875
08-01-2021 0:00	5:00:03	223195,625	825,3305664	170117,5938	824,7595825	53078,03125
08-01-2021 0:00	5:00:08	222179,5625	825,3744507	169382,4375	824,7595825	52797,125
08-01-2021 0:00	5:00:13	222503,4375	825,4159546	170111,0469	824,7015991	52392,39063
08-01-2021 0:00	5:00:18	221902,7188	825,3348389	169261,8125	824,6455078	52640,90625
08-01-2021 0:00	5:00:23	221903,0156	825,3348389	169835,4375	824,6455078	52067,57813
08-01-2021 0:00	5:00:28	222279,0156	825,359375	169581,7969	824,718811	52697,21875
08-01-2021 0:00	5:00:33	221848,9688	825,357666	168909,1094	824,7401123	52939,85938
08-01-2021 0:00	5:00:38	222952,7188	825,3434448	170114,1875	824,6895752	52838,53125
08-01-2021 0:00	5:00:43	222665	825,3434448	169923,0156	824,6895752	52741,98438
08-01-2021 0:00	5:00:48	222372,7031	825,3609619	169687,4219	824,6724854	52685,28125
08-01-2021 0:00	5:00:53	222473,7969	825,338562	169591,3125	824,6747437	52882,48438
08-01-2021 0:00	5:00:58	221850,5313	825,3783569	169208,9688	824,6976929	52641,5625
08-01-2021 0:00	5:01:03	222699,5469	825,3783569	169921,3125	824,6976929	52778,23438
08-01-2021 0:00	5:01:08	222152,0938	825,2785034	169632,2031	824,7098389	52519,89063
08-01-2021 0:00	5:01:13	222279,5781	825,3398438	170219,5313	824,6409302	52060,04688
08-01-2021 0:00	5:01:18	222373,8125	825,3769531	169645,1094	824,6409302	52728,70313
08-01-2021 0:00	5:01:23	221934,0938	825,3769531	169349,4375	824,6854248	52584,65625
08-01-2021 0:00	5:01:28	222898,3125	825,3433838	170024,2656	824,6611938	52874,04688
08-01-2021 0:00	5:01:33	221989,5156	825,3487549	169447,3438	824,6779785	52542,17188
08-01-2021 0:00	5:01:38	223040,2031	825,3487549	170355,4844	824,6779785	52684,71875
08-01-2021 0:00	5:01:43	222566,625	825,3309326	169975	824,668457	52591,625
08-01-2021 0:00	5:01:48	222130,5469	825,3499756	169257,4063	824,6714478	52873,14063
08-01-2021 0:00	5:01:53	222895,3906	825,3499756	170117,8438	824,6420288	52777,54688
08-01-2021 0:00	5:01:58	222042,6719	825,3193359	169406,6719	824,6420288	52636
08-01-2021 0:00	5:02:03	222263,9688	825,3881226	169642,4063	824,6544189	52621,5625
08-01-2021 0:00	5:02:08	223229,2344	825,3557129	170165,125	824,6661987	53064,10938
08-01-2021 0:00	5:02:13	222989,4531	825,3557129	170213,6563	824,6661987	52775,79688
08-01-2021 0:00	5:02:18	222330,2656	825,3170776	169583,3281	824,7106323	52746,9375
08-01-2021 0:00	5:02:23	222625,2344	825,2839355	170543,4844	824,6900635	52081,75
08-01-2021 0:00	5:02:28	222521,0156	825,3123779	169928,2656	824,6553955	52592,75
08-01-2021 0:00	5:02:33	221899,25	825,3123779	169402,3906	824,6553955	52496,85938
08-01-2021 0:00	5:02:38	222472,7344	825,3172607	169742,7188	824,6269531	52730,01563
08-01-2021 0:00	5:02:43	222177,7188	825,3480225	169443,0625	824,6914063	52734,65625
08-01-2021 0:00	5:02:48	222609,375	825,3432617	170064,4375	824,638916	52544,9375
08-01-2021 0:00	5:02:53	222130,9844	825,3432617	169452,9219	824,638916	52678,0625
08-01-2021 0:00	5:02:58	223011,2813	825,2695313	170070,5781	824,6608887	52940,70313
08-01-2021 0:00	5:03:03	222522,625	825,3097534	169692,2656	824,6401978	52830,35938
08-01-2021 0:00	5:03:08	222666,1094	825,324707	170218,1094	824,6057129	52448
08-01-2021 0:00	5:03:13	222279,4688	825,324707	169697,7188	824,6057129	52581,75
08-01-2021 0:00	5:03:18	223276,7969	825,3522339	170596,8125	824,6551514	52679,98438
08-01-2021 0:00	5:03:23	222750,2656	825,3338013	169921,7656	824,6843262	52828,5
08-01-2021 0:00	5:03:28	221990,9531	825,3338013	169204,7813	824,6843262	52786,17188
08-01-2021 0:00	5:03:33	223000,9688	825,3165283	170407,5	824,649353	52593,46875
08-01-2021 0:00	5:03:38	222231,2188	825,3290405	169633,125	824,6967773	52598,09375
08-01-2021 0:00	5:03:43	222279,4219	825,3362427	169967,7188	824,6782227	52311,70313
08-01-2021 0:00	5:03:48	222468,9063	825,3362427	169684,6406	824,6782227	52784,26563
08-01-2021 0:00	5:03:53	222803,9844	825,3355713	170217,2344	824,6410522	52586,75
08-01-2021 0:00	5:03:58	222578,5	825,2785645	169783,4844	824,6588135	52795,01563
08-01-2021 0:00	5:04:03	222338,5469	825,2785645	170261,5	824,6097412	52077,04688
08-01-2021 0:00	5:04:08	222425,5938	825,3115234	169649,875	824,6097412	52775,71875
08-01-2021 0:00	5:04:13	222070,4063	825,385376	169629,6406	824,7110596	52440,76563
08-01-2021 0:00	5:04:18	222187,1719	825,305603	169444,8281	824,6791992	52742,34375
08-01-2021 0:00	5:04:23	223048,0938	825,305603	170305,25	824,6791992	52742,84375
08-01-2021 0:00	5:04:28	222522,9219	825,2984009	169828,125	824,6744385	52694,79688
08-01-2021 0:00	5:04:33	223436,5	825,2797241	171030,0156	824,6403198	52406,48438
08-01-2021 0:00	5:04:38	222851,9844	825,3226318	170118,6719	824,6557617	52733,3125
08-01-2021 0:00	5:04:43	222278,0469	825,3226318	169497,2656	824,6557617	52780,78125
08-01-2021 0:00	5:04:48	222796,7813	825,3502808	170121,4844	824,6417236	52675,29688
08-01-2021 0:00	5:04:53	222527,3438	825,2841797	169737,5	824,6497803	52789,84375
08-01-2021 0:00	5:04:58	222623,1563	825,3247681	170119,9063	824,7111816	52503,25
08-01-2021 0:00	5:05:03	223235,4063	825,3247681	169533,9844	824,7111816	52791,42188
08-01-2021 0:00	5:05:08	222891,8125	825,3537598	170310,4688	824,652832	52581,34375
08-01-2021 0:00	5:05:13	222362,4688	825,3658447	169456,6406	824,62323	52905,82813
08-01-2021 0:00	5:05:18	223415,5625	825,3118286	170795,1094	824,62323	52620,45313
08-01-2021 0:00	5:05:23	222712,3125	825,3118286	169969,6094	824,687439	52742,70313
08-01-2021 0:00	5:05:28	222268,2813	825,3644409	169648,5781	824,619873	52619,70313
08-01-2021 0:00	5:05:33	222554,9063	825,3740845	169841,1406	824,6126099	52713,76563
08-01-2021 0:00	5:05:38	222600,5938	825,3740845	170080,2344	824,6126099	52520,35938
08-01-2021 0:00	5:05:43	222892,2344	825,3555908	170221,6563	824,6224976	52670,57813
08-01-2021 0:00	5:05:48	222199,6875	825,2607422	169491,7813	824,6867065	52707,90625
08-01-2021 0:00	5:05:53	223012,8594	825,3103027	170352,1563	824,6378784	52660,70313
08-01-2021 0:00	5:05:58	222425,875	825,3103027	169740,5313	824,6378784	52685,34375
08-01-2021 0:00	5:06:03	223041,7031	825,3330078	170690,4531	824,6679688	52351,25
08-01-2021 0:00	5:06:08	222672,2813	825,2816162	170072,0781	824,6530151	52600,20313
08-01-2021 0:00	5:06:13	222289,9844	825,2816162	169594,0625	824,6328735	52695,92188
08-01-2021 0:00	5:06:18	222519,0313	825,3198242	170171,7031	824,6328735	52347,32813
08-01-2021 0:00	5:06:23	221762,7188	825,2850342	169998,0938	824,677002	52364,625
08-01-2021 0:00	5:06:28	222471,8438	825,3168335	169875,1094	824,6817017	52596,73438
08-01-2021 0:00	5:06:33	222041,6719	825,3168335	169636,1719	824,6817017	52405,5
08-01-2021 0:00	5:06:38	222604,4531	825,3547363	169878,3438	824,6655884	52726,10938
08-01-2021 0:00	5:06:43	222145,1719	825,2831421	169687,8906	824,6618042	52457,28125
08-01-2021 0:00	5:06:48	222740,9219	825,3812866	169985,9688	824,605835	52754,95313
08-01-2021 0:00	5:06:53	222214,8438	825,3812866	169413,0469	824,605835	52801,79688
08-01-2021 0:00	5:06:58	223043,8281	825,3155518	170410,3438	824,6348267	52633,48438
08-01-2021 0:00	5:07:03	222464,7656	825,3345337	169829,31		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
285MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	
PROMEDIO		222,457	825,39	169,787	824,71	52,669
DESVEST		394,83	0,06	410,98	0,06	230,84
% DESVEST		0,1775%	0,0073%	0,2421%	0,0078%	0,4383%
DATOS		721	721	721	721	721
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	5:08:03	222794,3594	825,3562012	170075,5781	824,6628418	52718,78125
08-01-2021 0:00	5:08:08	222187,4688	825,3074951	169397,1875	824,6628418	52790,28125
08-01-2021 0:00	5:08:13	223088,9688	825,3353882	170447,6719	824,6685181	52641,29688
08-01-2021 0:00	5:08:18	222291,375	825,2764893	169643,1875	824,6278076	52648,1875
08-01-2021 0:00	5:08:23	222960,9688	825,2764893	170169,0469	824,6278076	52791,92188
08-01-2021 0:00	5:08:28	222291,0313	825,2803345	169360,5938	824,6066895	52930,4375
08-01-2021 0:00	5:08:33	222616,3281	825,3134766	170362,5	824,6162109	52253,82813
08-01-2021 0:00	5:08:38	222420,6719	825,3262329	169595,8281	824,6291504	52824,84375
08-01-2021 0:00	5:08:43	222947,1094	825,3262329	170217,2344	824,6291504	52729,875
08-01-2021 0:00	5:08:48	222464,9844	825,3398438	169688,5938	824,6433716	52776,39063
08-01-2021 0:00	5:08:53	222580,375	825,262085	169986,0625	824,5900879	52594,3125
08-01-2021 0:00	5:08:58	222371,0781	825,329834	169603,5781	824,6168823	52767,5
08-01-2021 0:00	5:09:03	222992,9688	825,329834	170267,5	824,6168823	52725,46875
08-01-2021 0:00	5:09:08	222564,9375	825,3196411	169690,0625	824,6358643	52874,875
08-01-2021 0:00	5:09:13	222898,6563	825,3242188	170405,4375	824,6401978	52493,21875
08-01-2021 0:00	5:09:18	222517,3594	825,3234253	169975,2344	824,6451416	52542,125
08-01-2021 0:00	5:09:23	222660,7813	825,3234253	170500,0781	824,6451416	52160,70313
08-01-2021 0:00	5:09:28	222653,2031	825,34729	169875,0938	824,6629028	52778,10938
08-01-2021 0:00	5:09:33	222270,7969	825,3522949	169454,125	824,6168823	52816,67188
08-01-2021 0:00	5:09:38	222938,7188	825,3522949	170362,3125	824,6168823	52576,40625
08-01-2021 0:00	5:09:43	222665,4688	825,3006592	169980,0781	824,6159668	52685,39063
08-01-2021 0:00	5:09:48	223333,4688	825,3039551	170797,3594	824,5895386	52536,10938
08-01-2021 0:00	5:09:53	223332,2031	825,3608398	170558,3438	824,6251831	52773,85938
08-01-2021 0:00	5:09:58	222456,3906	825,3608398	169738,5156	824,6251831	52717,875
08-01-2021 0:00	5:10:03	223007,0313	825,2681885	170355,9063	824,6453857	52651,125
08-01-2021 0:00	5:10:08	222331,7188	825,289856	169784,2656	824,635376	52547,45313
08-01-2021 0:00	5:10:13	222952,6875	825,289856	170501,3125	824,6260376	52451,375
08-01-2021 0:00	5:10:18	222282,3438	825,2927856	169738,3438	824,6260376	52544
08-01-2021 0:00	5:10:23	222614,9063	825,3007202	170121,2813	824,6235352	52493,625
08-01-2021 0:00	5:10:28	222846,5156	825,3292847	170314,4531	824,6138916	52532,0625
08-01-2021 0:00	5:10:33	222415,9219	825,3292847	169788,5625	824,6138916	52627,35938
08-01-2021 0:00	5:10:38	222753,2813	825,3189697	170278,25	824,5561523	52475,03125
08-01-2021 0:00	5:10:43	222227,25	825,3144531	169589,8594	824,6513672	52637,39063
08-01-2021 0:00	5:10:48	223463,75	825,3414917	170932,6719	824,6331787	52531,07813
08-01-2021 0:00	5:10:53	222793,9219	825,3414917	170215,6406	824,6331787	52578,28125
08-01-2021 0:00	5:10:58	221940,75	825,3119507	169305,4219	824,6396488	52635,32813
08-01-2021 0:00	5:11:03	222932,75	825,3594971	170643,9375	824,6350098	52288,8125
08-01-2021 0:00	5:11:08	222220,0781	825,3415527	169735,7656	824,7163086	52484,3125
08-01-2021 0:00	5:11:13	222555,1563	825,3415527	170246,125	824,7163086	52309,03125
08-01-2021 0:00	5:11:18	222370,6094	825,3155518	169692,3594	824,6168823	52678,25
08-01-2021 0:00	5:11:23	222889,9688	825,3410034	170358,8906	824,6303101	52531,07813
08-01-2021 0:00	5:11:28	222460,5156	825,2962646	169737,4219	824,6303101	52723,09375
08-01-2021 0:00	5:11:33	222089,6875	825,2962646	170600,2344	824,6149292	51489,45313
08-01-2021 0:00	5:11:38	223037,5313	825,3331299	170357,4063	824,633667	52680,125
08-01-2021 0:00	5:11:43	222463,5938	825,2450562	169831,5938	824,6134644	52632
08-01-2021 0:00	5:11:48	223348,625	825,2450562	170743,9063	824,6134644	52604,71875
08-01-2021 0:00	5:11:53	222843,125	825,3479614	170026,75	824,6141357	52816,375
08-01-2021 0:00	5:11:58	222281,5625	825,3057861	169394,5781	824,6678467	52886,98438
08-01-2021 0:00	5:12:03	223047	825,3057861	170111,5938	824,611145	52935,40625
08-01-2021 0:00	5:12:08	222366,9063	825,3458862	169931,7031	824,611145	52435,20313
08-01-2021 0:00	5:12:13	223180,2344	825,3521729	170408,4688	824,6175537	52771,76563
08-01-2021 0:00	5:12:18	222235,5156	825,3064575	169687,7344	824,6360474	52547,78125
08-01-2021 0:00	5:12:23	223192,1563	825,3064575	170356,9688	824,6360474	52835,1875
08-01-2021 0:00	5:12:28	222477,125	825,2976074	169934,2344	824,5986328	52542,89063
08-01-2021 0:00	5:12:33	223322,875	825,3547974	170888,6875	824,6066895	52434,1875
08-01-2021 0:00	5:12:38	222848,5469	825,335144	170420,4531	824,5578613	52428,09375
08-01-2021 0:00	5:12:43	222224,9219	825,335144	169798,2188	824,5578613	52426,70313
08-01-2021 0:00	5:12:48	222703,25	825,3226318	170353,0938	824,644104	52350,15625
08-01-2021 0:00	5:12:53	222226,2344	825,3168335	169832,0156	824,6241455	52394,21875
08-01-2021 0:00	5:12:58	222385,8125	825,2581177	169879,8438	824,6483765	52505,96875
08-01-2021 0:00	5:13:03	222289,0156	825,2581177	169731,5938	824,6483765	52557,42188
08-01-2021 0:00	5:13:08	222856,125	825,2840576	170174,8438	824,5831909	52681,28125
08-01-2021 0:00	5:13:13	222283,8438	825,2693481	169494,7188	824,6375122	52789,125
08-01-2021 0:00	5:13:18	223148,7813	825,2693481	170594,1719	824,6375122	52554,60938
08-01-2021 0:00	5:13:23	222618,1875	825,2855835	169934,2188	824,5949707	52683,96875
08-01-2021 0:00	5:13:28	221947,6094	825,2941284	169255,2969	824,6472778	52692,3125
08-01-2021 0:00	5:13:33	222425,8594	825,2996216	169685,4688	824,5845337	52740,39063
08-01-2021 0:00	5:13:38	221850,2969	825,2996216	169172,1875	824,5845337	52678,10938
08-01-2021 0:00	5:13:43	223049,9375	825,2887573	170262,6875	824,6292725	52787,25
08-01-2021 0:00	5:13:48	222408,0625	825,369873	169593,8906	824,62323	52814,17188
08-01-2021 0:00	5:13:53	222886,625	825,369873	169976,3281	824,6226807	52910,29688
08-01-2021 0:00	5:13:58	222426,7344	825,3005981	169594,8125	824,6226807	52831,92188
08-01-2021 0:00	5:14:03	223479,6875	825,2985229	170694,625	824,6168823	52785,0625
08-01-2021 0:00	5:14:08	222461,2656	825,3508911	169781,125	824,6430054	52680,14063
08-01-2021 0:00	5:14:13	223084,0938	825,3508911	170163,5781	824,6430054	52920,51563
08-01-2021 0:00	5:14:18	222670,1875	825,2871704	169977,3125	824,618103	52692,875
08-01-2021 0:00	5:14:23	222591,2969	825,2240601	170269,8125	824,5866699	52321,48438
08-01-2021 0:00	5:14:28	222475,9531	825,2936401	169871,2813	824,6704102	52604,67188
08-01-2021 0:00	5:14:33	222810,9063	825,2936401	170110,2813	824,6704102	52700,625
08-01-2021 0:00	5:14:38	222229,2031	825,3226929	169785,6094	824,6207886	52443,59375
08-01-2021 0:00	5:14:43	223242,9375	825,2830811	170741,6563	824,6205444	52501,28125
08-01-2021 0:00	5:14:48	222761,9375	825,2893677	170072,4688	824,6662598	52689,46875
08-01-2021 0:00	5:14:53	222762,2031	825,2893677	169346,2813	824,6662598	53415,92188
08-01-2021 0:00	5:14:58	223337,8594	825,2773438	170832,1875	824,6459961	52505,67188
08-01-2021 0:00	5:15:03	222578,7813	825,2532959	169876,7031	824,6434326	52702,07813

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	
	PROMEDIO	222.479	825,55	172.147	824,81	50.332
	DESV EST	534,88	0,15	471,72	0,15	561,19
	% DESV EST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%
	DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]		l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	5:30:03	221860,6094	825,2801514	171704,9844	824,5980835	50155,625
08-01-2021 0:00	5:30:08	223102,7031	825,2857666	172744,6719	824,6609497	50358,03125
08-01-2021 0:00	5:30:13	222241,6719	825,321106	171936,0156	824,6411743	50305,65625
08-01-2021 0:00	5:30:18	221754,2656	825,321106	171696,9844	824,6411743	50057,28125
08-01-2021 0:00	5:30:23	222099,8125	825,2797241	172082,9063	824,6240845	50016,90625
08-01-2021 0:00	5:30:28	222225,125	825,3526001	172184,9531	824,5922852	50040,17188
08-01-2021 0:00	5:30:33	222511,8438	825,3526001	172328,4063	824,6208496	50183,4375
08-01-2021 0:00	5:30:38	221669,8438	825,2852173	171796,7656	824,6208496	49873,07813
08-01-2021 0:00	5:30:43	222814,875	825,296814	173036,1875	824,6376953	49778,6875
08-01-2021 0:00	5:30:48	222537,1094	825,2607422	171985,9844	824,6306152	50551,125
08-01-2021 0:00	5:30:53	221724,1406	825,2607422	171746,9844	824,6306152	49977,15625
08-01-2021 0:00	5:30:58	222387,5469	825,2841797	172332,2031	824,5773926	50055,34375
08-01-2021 0:00	5:31:03	222055,9531	825,2731934	172037,625	824,6195068	50018,32813
08-01-2021 0:00	5:31:08	222572,7969	825,3083496	172557,7656	824,647583	50015,03125
08-01-2021 0:00	5:31:13	221951,0938	825,3083496	171984,1094	824,647583	49966,98438
08-01-2021 0:00	5:31:18	222764,6563	825,3096313	172699,2656	824,6570435	50065,30063
08-01-2021 0:00	5:31:23	222199,5156	825,2755737	171937,2188	824,6395264	50262,29688
08-01-2021 0:00	5:31:28	222618,7969	825,3187256	172558,625	824,6303101	50060,17188
08-01-2021 0:00	5:31:33	222236,0625	825,3187256	172082,4531	824,6303101	50153,60938
08-01-2021 0:00	5:31:38	221753,0313	825,3378906	171504,2656	824,6488037	50248,76563
08-01-2021 0:00	5:31:43	222702,4531	825,3652954	172276,3906	824,6129761	50426,0625
08-01-2021 0:00	5:31:48	221778,5469	825,3087158	171893,9375	824,6129761	50284,60938
08-01-2021 0:00	5:31:53	222527,7344	825,3087158	172328,2813	824,600708	50199,45313
08-01-2021 0:00	5:31:58	221857,375	825,3084717	171557,6406	824,6293945	50299,73438
08-01-2021 0:00	5:32:03	223101,7969	825,2975464	172712,0156	824,5941772	50389,78125
08-01-2021 0:00	5:32:08	222196,75	825,2975464	172040,5	824,5941772	50156,25
08-01-2021 0:00	5:32:13	221565,7188	825,3370361	171601,9219	824,6353149	49963,79688
08-01-2021 0:00	5:32:18	221989,9063	825,3608398	172038,8594	824,605835	49951,04688
08-01-2021 0:00	5:32:23	221704,0625	825,3206787	172038,8594	824,586731	49665,20313
08-01-2021 0:00	5:32:28	222240,6406	825,3206787	172090,4844	824,586731	50150,15625
08-01-2021 0:00	5:32:33	221683,6094	825,2605591	171888,375	824,6445923	49795,23438
08-01-2021 0:00	5:32:38	222006,7031	825,307312	171891,9063	824,6271362	50114,79688
08-01-2021 0:00	5:32:43	221863,7188	825,307312	172561,1719	824,6271362	49302,54688
08-01-2021 0:00	5:32:48	222232,4375	825,3583374	172177,7188	824,6320801	50054,71875
08-01-2021 0:00	5:32:53	221672,9219	825,3028564	171519,75	824,5803833	50153,17188
08-01-2021 0:00	5:32:58	222726,25	825,3035889	172649,0625	824,6690063	50077,1875
08-01-2021 0:00	5:33:03	222535,3438	825,3035889	172314,4531	824,6690063	50220,89063
08-01-2021 0:00	5:33:08	222054,6719	825,3162231	171840,3125	824,6540527	50214,35938
08-01-2021 0:00	5:33:13	222013,7344	825,2942505	171760,5625	824,5753784	50253,17188
08-01-2021 0:00	5:33:18	222336,5781	825,3380127	172372,0156	824,6248169	49964,5625
08-01-2021 0:00	5:33:23	221810,4063	825,3380127	171702	824,6248169	50108,40625
08-01-2021 0:00	5:33:28	222866,1875	825,3250122	172847,375	824,6343994	50018,8125
08-01-2021 0:00	5:33:33	222238,5625	825,3465576	172039,3438	824,6112671	50199,21875
08-01-2021 0:00	5:33:38	221808,3594	825,3648682	171609,1406	824,6365356	50199,21875
08-01-2021 0:00	5:33:43	222426,25	825,3648682	171938,6719	824,6365356	50487,57813
08-01-2021 0:00	5:33:48	221626,2344	825,3188477	171567,1563	824,5825806	50059,07813
08-01-2021 0:00	5:33:53	221710,1719	825,3634644	171469,7656	824,5914307	50240,40625
08-01-2021 0:00	5:33:58	222237,25	825,3080444	172187,6563	824,5914307	50049,59375
08-01-2021 0:00	5:34:03	221917,125	825,3080444	171471,9531	824,5878296	50445,17188
08-01-2021 0:00	5:34:08	222497,5156	825,2818604	172151,625	824,5366211	50345,89063
08-01-2021 0:00	5:34:13	221876,875	825,3144531	171558,1719	824,6345215	50318,70313
08-01-2021 0:00	5:34:18	222680,6563	825,3144531	172370,7813	824,6345215	50309,875
08-01-2021 0:00	5:34:23	222145,6406	825,3471069	171841,1094	824,6533203	50304,53125
08-01-2021 0:00	5:34:28	222155,0156	825,3135376	171652,1563	824,6390381	50502,85938
08-01-2021 0:00	5:34:33	222776,3906	825,3135376	172275,0313	824,6165771	50501,35938
08-01-2021 0:00	5:34:38	222074,8125	825,2530518	171753,75	824,6165771	50321,0625
08-01-2021 0:00	5:34:43	221867,9219	825,3130493	172363,9219	824,6723633	49504
08-01-2021 0:00	5:34:48	222624,0313	825,3482056	172176,0469	824,6559448	50447,98438
08-01-2021 0:00	5:34:53	222002,1406	825,3482056	171698	824,6559448	50304,14063
08-01-2021 0:00	5:34:58	222713,9219	825,3711548	172615,0625	824,6124268	50098,85938
08-01-2021 0:00	5:35:03	222002,4219	825,3470459	171957,1094	824,5566406	50045,3125
08-01-2021 0:00	5:35:08	223104,6875	825,3394165	173183,3438	824,6390991	49921,34375
08-01-2021 0:00	5:35:13	222530,2188	825,3394165	172323,6875	824,6390991	50206,53125
08-01-2021 0:00	5:35:18	221892,625	825,4003296	171843,3594	824,6503906	50049,26563
08-01-2021 0:00	5:35:23	222488,1094	825,3206787	172234,9844	824,612854	50253,125
08-01-2021 0:00	5:35:28	221869,3281	825,3197021	171660,5625	824,6612549	50208,76563
08-01-2021 0:00	5:35:33	222778,3438	825,3197021	172559	824,6612549	50219,34375
08-01-2021 0:00	5:35:38	222050,9531	825,3602295	172088,7344	824,6229858	49962,21875
08-01-2021 0:00	5:35:43	222482,3281	825,3653564	172710,9531	824,6192627	49771,375
08-01-2021 0:00	5:35:48	222147,2813	825,367981	172041,6875	824,6382446	50105,59375
08-01-2021 0:00	5:35:53	221669,2813	825,367981	172220,0625	824,6382446	49440,21875
08-01-2021 0:00	5:35:58	222586,9063	825,340332	172575,3594	824,5844727	50011,54688
08-01-2021 0:00	5:36:03	222002,0781	825,3818359	172042,4688	824,6154785	49959,60938
08-01-2021 0:00	5:36:08	222625,0781	825,3818359	172568,3125	824,6154785	50066,76563
08-01-2021 0:00	5:36:13	222209,25	825,3453369	172131,4844	824,6552734	50167,76563
08-01-2021 0:00	5:36:18	221866,3906	825,3599243	171811,3594	824,5838013	50055,03125
08-01-2021 0:00	5:36:23	222297,0781	825,390686	172611,4844	824,6495361	49685,59375
08-01-2021 0:00	5:36:28	222050,5938	825,390686	171942,9219	824,6495361	50107,67188
08-01-2021 0:00	5:36:33	221822,1094	825,3508301	171455,0313	824,6986084	50367,07813
08-01-2021 0:00	5:36:38	222349,0938	825,3473511	172279,25	824,6415405	50069,84375
08-01-2021 0:00	5:36:43	221967,5625	825,3473511	171657,7656	824,635437	50309,79688
08-01-2021 0:00	5:36:48	221775,9531	825,3482666	171706,7656	824,635437	50069,1875
08-01-2021 0:00	5:36:53	222059,0469	825,3591919	172185,0469	824,6343994	49874
08-01-2021 0:00	5:36:58	221682,7188	825,3345337	171473,4688	824,6074219	50209,25
08-01-2021 0:00	5:37:03	222974,2969	825,3345337	172668,5781	824,6074219	50305,71875
08-01-2021 0:00	5:37:08	222386,7031	825,3858643	172136,2813	824,6316528	50250,42188
08-01-2021 0:00	5:37:13	221923,875	825,3348389	171521,9375	824,6005859	50401,9375
08-01-2021 0:00	5:37:18	222535,7031	825,3729858	172284,8281	824,6105957	50250,875
08-01-2021 0:00	5:37:23	221961,6125	825,3729858	171854,5313	824,6105957	50107,28125
08-01-2021 0:00	5:37:28	222104,5781	825,3754272	171795,5469	824,6756592	50311,03125
08-01-2021 0:00	5:37:33	221916,3281	825,3638916	171466,3125	824,6390991	50450,01563
08-01-2021 0:00	5:37:38	222820,9531	825,3696809	172422,3594	824,6033325	50398,59375
08-01-2021 0:00	5:37:43	222007,2813	825,3696809	171665,5938	824,6033325	50341,6875
08-01-2021 0:00	5:37:48	222067,0469	825,3297119	171795,875	824,671814	50271,17188
08						

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222,479	825,55	172,147	824,81	50,332
DESV EST	534,88	0,15	471,72	0,15	561,19
% DESV EST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	5:38:53	223100,0781	825,4261475	172958,2656	824,6201782
08-01-2021 0:00	5:38:58	222263,5938	825,3408813	172185,9844	824,65271
08-01-2021 0:00	5:39:03	221969,0156	825,3742676	172658,0938	824,6818848
08-01-2021 0:00	5:39:08	222301,6406	825,380127	172373,6563	824,670166
08-01-2021 0:00	5:39:13	221775,7031	825,380127	171561,75	824,670166
08-01-2021 0:00	5:39:18	222587,7813	825,3822632	172618,0938	824,6473999
08-01-2021 0:00	5:39:23	222101,7344	825,4121094	172043,9688	824,6497803
08-01-2021 0:00	5:39:28	221868,6406	825,3905029	171610,25	824,6670532
08-01-2021 0:00	5:39:33	223064,2344	825,3905029	172566,2969	824,6670532
08-01-2021 0:00	5:39:38	222245,7656	825,4076538	172038,0469	824,678894
08-01-2021 0:00	5:39:43	221637,2656	825,3567505	172135,2656	824,6751099
08-01-2021 0:00	5:39:48	222011,4219	825,3922729	171801,3438	824,6902466
08-01-2021 0:00	5:39:53	221581,9844	825,3922729	171511,4844	824,6902466
08-01-2021 0:00	5:39:58	222062,3281	825,3912964	171913,3594	824,5940552
08-01-2021 0:00	5:40:03	221634,4531	825,3823242	171270,0625	824,7022705
08-01-2021 0:00	5:40:08	221731,2031	825,4003906	171652,4375	824,7022705
08-01-2021 0:00	5:40:13	222636,2344	825,4003906	172695,9375	824,7424927
08-01-2021 0:00	5:40:18	222115,125	825,3804321	172048,5938	824,6345825
08-01-2021 0:00	5:40:23	221446,2813	825,357605	171320,7969	824,6911011
08-01-2021 0:00	5:40:28	222457,8125	825,357605	172181,2656	824,6911011
08-01-2021 0:00	5:40:33	221960,5625	825,4342651	171661,6094	824,6646118
08-01-2021 0:00	5:40:38	222358,1563	825,3825684	172187,0938	824,6663818
08-01-2021 0:00	5:40:43	221783,9531	825,3825684	171517,8281	824,6793823
08-01-2021 0:00	5:40:48	222669,4844	825,4747925	172568,4375	824,6793823
08-01-2021 0:00	5:40:53	222111,5156	825,416626	171899,2969	824,6751099
08-01-2021 0:00	5:40:58	222072,0781	825,3859253	171947,7813	824,6716309
08-01-2021 0:00	5:41:03	222072,7656	825,3859253	171566,8281	824,6716309
08-01-2021 0:00	5:41:08	222172,5469	825,3795166	172003,4219	824,6366577
08-01-2021 0:00	5:41:13	222358,8906	825,4015503	171707,3438	824,6824341
08-01-2021 0:00	5:41:18	222268,7344	825,382019	171421,7969	824,6795654
08-01-2021 0:00	5:41:23	222411,0313	825,382019	171948,5	824,6795654
08-01-2021 0:00	5:41:28	222174,7344	825,4376221	171619,0781	824,6536865
08-01-2021 0:00	5:41:33	222741,5	825,4376221	172580,4219	824,6536865
08-01-2021 0:00	5:41:38	221933,1406	825,3988037	171811,7813	824,6278076
08-01-2021 0:00	5:41:43	222268,0938	825,3757324	172050,875	824,6461792
08-01-2021 0:00	5:41:48	222013,8125	825,430481	171855,4219	824,666687
08-01-2021 0:00	5:41:53	222796,75	825,430481	172616,4063	824,666687
08-01-2021 0:00	5:41:58	221983,2813	825,3630981	171758,2344	824,6862793
08-01-2021 0:00	5:42:03	222017,9531	825,406311	171722,5938	824,6260376
08-01-2021 0:00	5:42:08	222834,3281	825,3933716	171706,1406	824,7072754
08-01-2021 0:00	5:42:13	222260,0781	825,3933716	171180,3281	824,7072754
08-01-2021 0:00	5:42:18	222877,4375	825,4136963	171705,3438	824,7113037
08-01-2021 0:00	5:42:23	222367,0469	825,3619385	171471,9844	824,6868896
08-01-2021 0:00	5:42:28	222988,6406	825,362915	172197,375	824,6868896
08-01-2021 0:00	5:42:33	222270,7344	825,362915	171384,7188	824,6571045
08-01-2021 0:00	5:42:38	223224,6094	825,3741455	172295,4531	824,6455078
08-01-2021 0:00	5:42:43	222891,3438	825,371582	171430,75	824,6658936
08-01-2021 0:00	5:42:48	222403,9219	825,371582	171097,8906	824,6658936
08-01-2021 0:00	5:42:53	222500,4219	825,4074707	171049,3281	824,6569214
08-01-2021 0:00	5:42:58	223026,0625	825,4086914	171987,2031	824,7472534
08-01-2021 0:00	5:43:03	221980,625	825,5600586	171805,3594	824,4494019
08-01-2021 0:00	5:43:08	222306,7969	825,3840332	171941,5938	824,7008667
08-01-2021 0:00	5:43:13	221780,6875	825,4174194	171512,8438	824,7363892
08-01-2021 0:00	5:43:18	222742,7344	825,3968506	172513,1406	824,7503052
08-01-2021 0:00	5:43:23	222159,3438	825,4315796	171901,8438	824,7003174
08-01-2021 0:00	5:43:28	221593,7813	825,4315796	171568,3594	824,7003174
08-01-2021 0:00	5:43:33	222264,4219	825,4014893	172142,0469	824,7021484
08-01-2021 0:00	5:43:38	222209,5781	825,428894	171855,9219	824,7025757
08-01-2021 0:00	5:43:43	222392,5313	825,428894	172286,3594	824,7025757
08-01-2021 0:00	5:43:48	221483,8906	825,4594116	171330,25	824,7015991
08-01-2021 0:00	5:43:53	222876,8281	825,440918	172769,7031	824,6795654
08-01-2021 0:00	5:43:58	221922,1563	825,4360962	171989,9688	824,7525024
08-01-2021 0:00	5:44:03	221894,375	825,6152954	171861,4063	824,5009766
08-01-2021 0:00	5:44:08	222372,5625	825,3602295	172148,2344	824,6794434
08-01-2021 0:00	5:44:13	221788,0625	825,404541	171560,8125	824,7507935
08-01-2021 0:00	5:44:18	221830,2969	825,430542	171669,4531	824,6903076
08-01-2021 0:00	5:44:23	222209,8438	825,6120605	172099,7188	824,4389038
08-01-2021 0:00	5:44:28	222210,3281	825,4425049	172338,1875	824,6932983
08-01-2021 0:00	5:44:33	222639,5781	825,4526367	172379,5313	824,7289429
08-01-2021 0:00	5:44:38	221839,0625	825,4086914	171617,8594	824,7289429
08-01-2021 0:00	5:44:43	222652,1875	825,5896606	172430,5781	824,461792
08-01-2021 0:00	5:44:48	221939,5313	825,3897705	171773,375	824,6530762
08-01-2021 0:00	5:44:53	222358,6406	825,437561	172292,5625	824,6862183
08-01-2021 0:00	5:44:58	221678,1875	825,437561	171669,0469	824,6862183
08-01-2021 0:00	5:45:03	222492,2188	825,666687	172481,7813	824,4450684
08-01-2021 0:00	5:45:08	221731,4375	825,46875	171618,0313	824,7119751
08-01-2021 0:00	5:45:13	223036,4375	825,4209595	172631,0469	824,6676025
08-01-2021 0:00	5:45:18	222414,9219	825,4209595	171918,9375	824,6676025
08-01-2021 0:00	5:45:23	222080,25	825,4194946	171871,8906	824,6425781
08-01-2021 0:00	5:45:28	222354,0781	825,4731445	171712,4688	824,7255859
08-01-2021 0:00	5:45:33	222465,1719	825,4147949	171764,6406	824,7255859
08-01-2021 0:00	5:45:38	222794,0781	825,4147949	172573,625	824,7041016
08-01-2021 0:00	5:45:43	223224,3438	825,4376831	172525,8281	824,7297363
08-01-2021 0:00	5:45:48	222401,4219	825,4746094	171574,4375	824,706543
08-01-2021 0:00	5:45:53	222651,625	825,4746094	171771,2656	824,706543
08-01-2021 0:00	5:45:58	222775,4531	825,43396	172631,7813	824,678833
08-01-2021 0:00	5:46:03	222440,5	825,6885376	172185,1094	824,5125732
08-01-2021 0:00	5:46:08	222322,4063	825,4123535	172568,1406	824,760376
08-01-2021 0:00	5:46:13	222025,0469	825,4123535	171955,5469	824,760376
08-01-2021 0:00	5:46:18	222405,9375	825,4505005	172146,7969	824,7205811
08-01-2021 0:00	5:46:23	221878,4063	825,4555664	17152,9844	824,7803955
08-01-2021 0:00	5:46:28	222406,9844	825,4454956	172371,4375	824,795105
08-01-2021 0:00	5:46:33	221592,75	825,4454956	171751,5625	824,795105
08-01-2021 0:00	5:46:38	222349,3438	825,4790649	172395,4375	824,6846313
08-01-2021 0:00	5:46:43	221786,7969	825,4341431	171808,375	824,7507324
08-01-2021 0:00	5:46:48	222203,9844	825,4879761	172243,4844	824,7507324
08-01-2021 0:00	5:46:53	221678,75	825,4879761	171861,0469	824,7267456
08-01-2021 0:00	5:46:58	222116,875	825,4613647	171962,3594	824,7056885
08-01-2021 0:00	5:47:03	221750,8594	825,3979492	171284,2031	824,7495728
08-01-2021 0:00	5:47:08	222447,5313	825,3979492	172107,9063	824,7495728
08-01-2021 0:00	5:47:13	221874,8281	825,4852905	171534,1719	824,6953125
08-01-2021 0:00	5:47:18	222417,0469	825,4256592	172012,0625	824,6964111
08-01-2021 0:00	5:47:23	222062,5156	825,505249	171766,4844	824,732605
08-01-2021 0:00	5:47:28	222028,0156	825,505249	171821,0156	824,732605
08-01-2021 0:00	5:47:33	221647,3125	825,639433	171390,7188	824,4484863
08-01-2021 0:00	5:47:38	221790,2188	825,461853	171526,6563	824,7366333

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.479	825,55	172.147	824,81	50.332	
DESV EST	534,88	0,15	471,72	0,15	561,19	
% DESV EST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	5:47:43	222517,25	825,4250488	172197,8438	824,7366333	50319,40625
08-01-2021 0:00	5:47:48	221736,6563	825,4250488	171575,5625	824,7269897	50161,09375
08-01-2021 0:00	5:47:53	222407,25	825,4837036	172102,8906	824,7352295	50304,35938
08-01-2021 0:00	5:47:58	221660,4063	825,4168091	171533,3438	824,7147827	50127,0625
08-01-2021 0:00	5:48:03	222658,1094	825,597168	172492,1563	824,4639282	50165,95313
08-01-2021 0:00	5:48:08	221599,4844	825,4425049	171584,5781	824,7016602	50014,90625
08-01-2021 0:00	5:48:13	222699,8281	825,6541748	172540,4219	824,4521484	50159,40625
08-01-2021 0:00	5:48:18	221824,4375	825,5274048	171810,0469	824,7727051	50014,39063
08-01-2021 0:00	5:48:23	221948,4375	825,5274048	171757,7813	824,7727051	50190,65625
08-01-2021 0:00	5:48:28	221239,7031	825,4196167	171949,0156	824,7946167	50190,6875
08-01-2021 0:00	5:48:33	221986,625	825,4614258	171711,0469	824,7895508	50275,57813
08-01-2021 0:00	5:48:38	222408,2813	825,4897461	172293	824,7895508	50115,28125
08-01-2021 0:00	5:48:43	221834,25	825,4897461	171862,7188	824,7521973	49971,53125
08-01-2021 0:00	5:48:48	222902,6563	825,4290161	173012,2188	824,7418823	49890,4375
08-01-2021 0:00	5:48:53	222586,5	825,5388794	172491,8438	824,7183228	50094,65625
08-01-2021 0:00	5:48:58	221700,6875	825,5388794	171520,6094	824,7183228	50180,7813
08-01-2021 0:00	5:49:03	222562,1094	825,4517822	172333,2344	824,796936	50228,875
08-01-2021 0:00	5:49:08	222090,5781	825,427124	171921,8594	824,7041016	50168,71875
08-01-2021 0:00	5:49:13	222368,2188	825,6437988	172246,6406	824,5022583	50121,57813
08-01-2021 0:00	5:49:18	222091,75	825,4619751	171961,7656	824,7529297	50129,98438
08-01-2021 0:00	5:49:23	222330,75	825,4256592	172201,5156	824,7432861	50129,23438
08-01-2021 0:00	5:49:28	221635,9375	825,5254517	171620,7969	824,7781372	50015,14063
08-01-2021 0:00	5:49:33	222284,5625	825,4230347	171555,4688	824,7345581	50129,09375
08-01-2021 0:00	5:49:38	222144,1094	825,4230347	172005,6094	824,7345581	50138,5
08-01-2021 0:00	5:49:43	222575,7969	825,4124756	172244,6094	824,7776489	50331,1875
08-01-2021 0:00	5:49:48	222992,0938	825,4659424	172926,5469	824,7156982	50065,54688
08-01-2021 0:00	5:49:53	222515,4375	825,4577637	172493,7344	824,7156982	50021,70313
08-01-2021 0:00	5:49:58	221611,4219	825,4577637	171581,3125	824,7281494	50030,10938
08-01-2021 0:00	5:50:03	222041,8438	825,4396362	171963,7969	824,7481079	50078,04688
08-01-2021 0:00	5:50:08	222421,5781	825,4519653	172407,9063	824,6798706	50013,67188
08-01-2021 0:00	5:50:13	222501,375	825,4519653	172304,0938	824,6798706	50197,28125
08-01-2021 0:00	5:50:18	221839,5313	825,5111694	171636,3281	824,7202148	50203,20313
08-01-2021 0:00	5:50:23	221935,4375	825,4823608	171718,7656	824,7854614	50216,67188
08-01-2021 0:00	5:50:28	222396,2813	825,5494385	172199,6406	824,7717896	50196,64063
08-01-2021 0:00	5:50:33	221893,0156	825,5494385	171960,5469	824,7717896	49932,46875
08-01-2021 0:00	5:50:38	221941,5	825,4616699	171767,3281	824,7854614	50174,17188
08-01-2021 0:00	5:50:43	222755,9219	825,4620361	172543,3906	824,730896	50212,53125
08-01-2021 0:00	5:50:48	222429,6563	825,4317627	172208,7969	824,730896	50220,85938
08-01-2021 0:00	5:50:53	221904,5625	825,4317627	171730,7031	824,7338257	50173,85938
08-01-2021 0:00	5:50:58	222276,9063	825,47052	172386,25	824,8018799	49890,65625
08-01-2021 0:00	5:51:03	221840,7031	825,4918213	171863,2188	824,7880249	49977,48438
08-01-2021 0:00	5:51:08	222670,8594	825,4918213	172575,125	824,7880249	50095,73438
08-01-2021 0:00	5:51:13	222144,7031	825,4360352	172144,8594	824,8134155	49999,84375
08-01-2021 0:00	5:51:18	222525,9844	825,4408569	172533,9063	824,78479	49992,07813
08-01-2021 0:00	5:51:23	221991,4219	825,4754028	171682,3594	824,7402954	50309,0625
08-01-2021 0:00	5:51:28	223008,1875	825,4754028	172680,5	824,7402954	50327,6875
08-01-2021 0:00	5:51:33	222769,7188	825,4309082	172537,9219	824,7728271	50231,79688
08-01-2021 0:00	5:51:38	222176,9844	825,5108032	172056,0781	824,7913208	50120,90625
08-01-2021 0:00	5:51:43	223002,4688	825,4642334	172685,0156	824,7548828	50317,45313
08-01-2021 0:00	5:51:48	222136,4531	825,4642334	171860,0781	824,7548828	50276,375
08-01-2021 0:00	5:51:53	221850,9063	825,4812012	171525,4063	824,8148804	50325,5
08-01-2021 0:00	5:51:58	222368,25	825,5217896	172295,9531	824,7869873	50072,29688
08-01-2021 0:00	5:52:03	221901,9219	825,479126	171717,75	824,7869873	50184,17188
08-01-2021 0:00	5:52:08	222386,0469	825,479126	172199,3906	824,8092651	50186,65625
08-01-2021 0:00	5:52:13	221955,5781	825,4574585	171721,2813	824,7919312	50234,29688
08-01-2021 0:00	5:52:18	222558,9219	825,5280762	172446,9219	824,7498779	50112
08-01-2021 0:00	5:52:23	221852,25	825,5280762	171770,6875	824,7498779	50081,5625
08-01-2021 0:00	5:52:28	223141,7813	825,489563	173061,5625	824,7874756	50080,21875
08-01-2021 0:00	5:52:33	222999,1563	825,5013428	172288,5	824,8314209	50710,65625
08-01-2021 0:00	5:52:38	221992,7656	825,5087891	171863,7656	824,8079224	50129
08-01-2021 0:00	5:52:43	222627,3281	825,6897583	172485,25	824,5574341	50142,07813
08-01-2021 0:00	5:52:48	222053,2344	825,4616089	171872	824,7675171	50181,23438
08-01-2021 0:00	5:52:53	221994,875	825,5056152	171908,3438	824,8240967	50086,53125
08-01-2021 0:00	5:52:58	222768,6563	825,4787598	172735,8594	824,8240967	50032,79688
08-01-2021 0:00	5:53:03	222193,1719	825,4787598	172019,4531	824,7550049	50173,71875
08-01-2021 0:00	5:53:08	222562,5781	825,5303345	172292,6719	824,8223267	50269,90625
08-01-2021 0:00	5:53:13	221955,2969	825,4742432	171826,8125	824,765625	50128,48438
08-01-2021 0:00	5:53:18	222480,6875	825,4742432	172495,7656	824,765625	49984,92188
08-01-2021 0:00	5:53:23	222001,9688	825,4819336	171969,9063	824,7676392	50032,0625
08-01-2021 0:00	5:53:28	222332,2813	825,4992676	172396,6719	824,7849121	49935,60938
08-01-2021 0:00	5:53:33	221855,6719	825,4924316	171913,4219	824,8102417	49942,25
08-01-2021 0:00	5:53:38	222621,5469	825,4924316	172599,4531	824,8102417	50022,09375
08-01-2021 0:00	5:53:43	222047,4219	825,4907227	171930,0938	824,739502	50117,32813
08-01-2021 0:00	5:53:48	222852,0313	825,5250854	172741,8438	824,7446289	50110,1875
08-01-2021 0:00	5:53:53	222277,7813	825,5291138	172117,6875	824,7573853	50160,09375
08-01-2021 0:00	5:53:58	222386,7969	825,5291138	172296,75	824,7573853	50090,04688
08-01-2021 0:00	5:54:03	222004,875	825,6612549	171819,4219	824,5670166	50185,45313
08-01-2021 0:00	5:54:08	223056,6875	825,4852295	172872,2031	824,812561	50184,48438
08-01-2021 0:00	5:54:13	222226,7031	825,5475464	172057,8281	824,812561	50168,875
08-01-2021 0:00	5:54:18	222144,8281	825,5475464	171870	824,8204346	50274,82813
08-01-2021 0:00	5:54:23	222097	825,4924927	171917,7969	824,803894	50179,20313
08-01-2021 0:00	5:54:28	221988,4531	825,5427856	171911,7969	824,8372192	50076,65625
08-01-2021 0:00	5:54:33	222160,5156	825,5427856	172020,6406	824,8372192	50139,875
08-01-2021 0:00	5:54:38	222256,3438	825,6154785	172116,25	824,7721558	50140,09375
08-01-2021 0:00	5:54:43	222672,4688	825,6685791	172448,8594	824,5322876	50223,60938
08-01-2021 0:00	5:54:48	221798,5938	825,5429077	171730,8281	824,7865601	50067,76563
08-01-2021 0:00	5:54:53	222420,0625	825,5429077	172256,7969	824,7865601	50163,26563
08-01-2021 0:00	5:54:58	222085,5625	825,5440674	171824,0625	824,7982788	50261,5
08-01-2021 0:00	5:55:03	223243,375	825,5064697	173065,7344	824,8054199	50177,64063
08-01-2021 0:00	5:55:08	222231,875	825,5360718	172107,6094	824,8054199	50124,26563
08-01-2021 0:00	5:55:13	221705,8125	825,5360718	171772,9844	824,8258057	49932,82813
08-01-2021 0:00	5:55:18	222289,25	825,4981079	172218,4688	824,7506714	50070,78125
08-01-2021 0:00	5:55:23	222040,9219	825,5371094	172058,9688	824,829895	49981,95313
08-01-2021 0:00	5:55:28	223049,375	825,5371094	172874,7969	824,829895	50174,57813
08-01-2021 0:00	5:55:33	222570,6719	825,7020264	172444,5313</		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222,479	825,55	172,147	824,81	50,332	
DESV EST	534,88	0,15	471,72	0,15	561,19	
% DESV EST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	5:56:33	223297,5625	825,6658936	172875,1875	824,581604	50422,375
08-01-2021 0:00	5:56:38	222100,0313	825,4919434	172072,5469	824,7819824	50027,48438
08-01-2021 0:00	5:56:43	221798,1406	825,4919434	171821,3438	824,7819824	49976,79688
08-01-2021 0:00	5:56:48	221847,9219	825,5522461	171583,0938	824,8422241	50264,82813
08-01-2021 0:00	5:56:53	222769,0469	825,5065918	172505,1563	824,7785034	50263,89063
08-01-2021 0:00	5:56:58	222193,0469	825,5134277	171879,875	824,7785034	50313,17188
08-01-2021 0:00	5:57:03	221811,4531	825,5134277	171545,25	824,800415	50266,20313
08-01-2021 0:00	5:57:08	222480,0781	825,5177612	172221,9375	824,7642212	50258,14063
08-01-2021 0:00	5:57:13	221681,5156	825,4609985	171603,5938	824,7520142	50077,92188
08-01-2021 0:00	5:57:18	222619,5156	825,4609985	172507,9375	824,7520142	50111,57813
08-01-2021 0:00	5:57:23	222142,2813	825,5313111	171934,1406	824,772522	50208,14063
08-01-2021 0:00	5:57:28	222519,9063	825,5516357	172315,1875	824,7837524	50204,71875
08-01-2021 0:00	5:57:33	222283,1719	825,5454712	172078,7188	824,7747192	50204,45313
08-01-2021 0:00	5:57:38	222612,6406	825,5454712	172356,2969	824,7747192	50256,34375
08-01-2021 0:00	5:57:43	222229,625	825,5671387	172069,4219	824,8205566	50160,20313
08-01-2021 0:00	5:57:48	222043,6719	825,5502319	171878,7344	824,8140869	50164,9375
08-01-2021 0:00	5:57:53	222288,0156	825,5313721	172120,5781	824,8001709	50167,4375
08-01-2021 0:00	5:57:58	222425,2344	825,5313721	172027,4688	824,8001709	50397,76563
08-01-2021 0:00	5:58:03	222043,2969	825,5569458	171933,3438	824,7880249	50109,95313
08-01-2021 0:00	5:58:08	222829,8594	825,4796753	172605,4063	824,7784424	50224,45313
08-01-2021 0:00	5:58:13	222670,4844	825,5418091	172263,4375	824,7784424	50407,04688
08-01-2021 0:00	5:58:18	223578,1094	825,5418091	173029,5469	824,814209	50548,5625
08-01-2021 0:00	5:58:23	223100,4688	825,5513306	172552,1563	824,8129272	50548,3125
08-01-2021 0:00	5:58:28	222387,4688	825,5346069	172023,8594	824,8208008	50363,60938
08-01-2021 0:00	5:58:33	222914,5313	825,7185669	172501,0469	824,5708618	50413,48438
08-01-2021 0:00	5:58:38	221906,1094	825,5351563	171831,5938	824,8330688	50074,51563
08-01-2021 0:00	5:58:43	222193,1719	825,5479736	172163,5	824,8469238	50029,67188
08-01-2021 0:00	5:58:48	222669,3438	825,555542	172312,8906	824,8178711	50356,45313
08-01-2021 0:00	5:58:53	221968,125	825,555542	171739,0781	824,8178711	50229,04688
08-01-2021 0:00	5:58:58	222735,5625	825,4933472	172547,8906	824,8414307	50187,67188
08-01-2021 0:00	5:59:03	222059,0781	825,6909667	171977,2813	824,5759277	50081,79688
08-01-2021 0:00	5:59:08	222532,9531	825,5405884	172416,9375	824,8258057	50116,01563
08-01-2021 0:00	5:59:13	222102,2344	825,5405884	171890,9844	824,7836304	50211,25
08-01-2021 0:00	5:59:18	222912,8906	825,5505371	172687,0313	824,866272	50225,85938
08-01-2021 0:00	5:59:23	222194,2969	825,5540771	172116,6875	824,8532104	50077,60938
08-01-2021 0:00	5:59:28	222923,3438	825,5540771	172647,5625	824,8532104	50275,78125
08-01-2021 0:00	5:59:33	222588,2656	825,5111694	172504,1719	824,8290405	50084,09375
08-01-2021 0:00	5:59:38	221910,0313	825,5437012	171736,9688	824,8396606	50173,0625
08-01-2021 0:00	5:59:43	223337,3281	825,574585	173135	824,7833252	50202,32813
08-01-2021 0:00	5:59:48	222388,4531	825,574585	172310,2344	824,7833252	50078,21875
08-01-2021 0:00	5:59:53	222053,7969	825,5440674	171784,3281	824,8493652	50269,46875
08-01-2021 0:00	5:59:58	222231,9375	825,5928345	172016,5781	824,8828735	50215,35938
08-01-2021 0:00	6:00:03	221860,2188	825,5516968	171820,6406	824,9061279	50039,57813
08-01-2021 0:00	6:00:08	222110,3906	825,5516968	171969,8281	824,9061279	50140,5625
08-01-2021 0:00	6:00:13	221919,25	825,6912231	171588,1563	824,6279297	50331,09375
08-01-2021 0:00	6:00:18	222332,5938	825,5750732	172072,9844	824,8485107	50259,60938
08-01-2021 0:00	6:00:23	223002,9063	825,5737305	172944,5938	824,8485107	50058,3125
08-01-2021 0:00	6:00:28	222633,8281	825,5737305	172499,7344	824,7907715	50134,09375
08-01-2021 0:00	6:00:33	222251,4219	825,5202026	172165,0781	824,8658447	50086,34375
08-01-2021 0:00	6:00:38	222499,2188	825,4829102	172408,1563	824,8500366	50091,0625
08-01-2021 0:00	6:00:43	222091,1406	825,4829102	172025,2656	824,8500366	50065,875
08-01-2021 0:00	6:00:48	222617,1719	825,5800781	172359,9688	824,8514404	50257,20313
08-01-2021 0:00	6:00:53	222490,0156	825,5189209	171891,2813	824,8049927	50598,73438
08-01-2021 0:00	6:00:58	223007,8125	825,5496826	172886,4844	824,848938	50121,32813
08-01-2021 0:00	6:01:03	222388,1406	825,5496826	172169,25	824,848938	50218,89063
08-01-2021 0:00	6:01:08	222628,625	825,5406494	172564,5156	824,7825317	50064,10938
08-01-2021 0:00	6:01:13	222478,4844	825,5700073	172325,125	824,791748	50153,35938
08-01-2021 0:00	6:01:18	222302,5156	825,5153198	172261,8281	824,791748	50040,6875
08-01-2021 0:00	6:01:23	222017,1406	825,5153198	171974,9688	824,8680442	50042,17188
08-01-2021 0:00	6:01:28	222396,2813	825,5290527	172262,5938	824,8681641	50133,6875
08-01-2021 0:00	6:01:33	221869,3594	825,5317993	171827,125	824,8934937	50042,23438
08-01-2021 0:00	6:01:38	222677,6406	825,5317993	172552,875	824,8934937	50124,76563
08-01-2021 0:00	6:01:43	222249,1094	825,5582275	172074,7031	824,8510742	50174,40625
08-01-2021 0:00	6:01:48	222490,6563	825,5505981	172319,9219	824,821167	50170,73438
08-01-2021 0:00	6:01:53	222244,0938	825,7645874	172025,3125	824,609375	50218,78125
08-01-2021 0:00	6:01:58	222446,3125	825,5819092	172264,8594	824,8590088	50181,45313
08-01-2021 0:00	6:02:03	222063,5938	825,5439453	171787,4688	824,8568726	50276,125
08-01-2021 0:00	6:02:08	222595,3281	825,524292	172354,7656	824,8887939	50240,5625
08-01-2021 0:00	6:02:13	222149,5156	825,5825806	172020,0625	824,8886719	50129,45313
08-01-2021 0:00	6:02:18	222975,625	825,5825806	172654	824,8886719	50321,625
08-01-2021 0:00	6:02:23	222161,9844	825,5325317	171985,2969	824,828064	50176,6875
08-01-2021 0:00	6:02:28	222878,7344	825,5406494	172845,3438	824,8346558	50033,39063
08-01-2021 0:00	6:02:33	222540,4063	825,7213135	172464,6563	824,5852661	50075,75
08-01-2021 0:00	6:02:38	221912,25	825,5535278	171747,3906	824,8261719	50164,85938
08-01-2021 0:00	6:02:43	222964,8906	825,578125	172837,8906	824,8716431	50127
08-01-2021 0:00	6:02:48	222019,6563	825,5292358	171985,2188	824,8401489	50034,4375
08-01-2021 0:00	6:02:53	222484,0156	825,7125854	172401,375	824,5907593	50082,64063
08-01-2021 0:00	6:02:58	221910,1094	825,5826416	171827,5781	824,9100952	50082,53125
08-01-2021 0:00	6:03:03	222144,0313	825,7816162	171983,7656	824,5980225	50160,26563
08-01-2021 0:00	6:03:08	222539,4688	825,5464478	172464,6563	824,8372192	50074,8125
08-01-2021 0:00	6:03:13	222155,9531	825,7290039	171938,7031	824,5878296	50217,25
08-01-2021 0:00	6:03:18	222969,2813	825,5565796	173031,0469	824,8737793	49938,23438
08-01-2021 0:00	6:03:23	222239,4688	825,602356	172169,2813	824,8792114	50070,1875
08-01-2021 0:00	6:03:28	221815,2344	825,5782471	171693,1406	824,8792114	50122,09375
08-01-2021 0:00	6:03:33	221815,3906	825,5782471	171788,875	824,8690796	50026,51563
08-01-2021 0:00	6:03:38	222637,875	825,5464478	172560,125	824,8419189	50077,75
08-01-2021 0:00	6:03:43	222103,5781	825,581665	171898,5625	824,8031616	50205,01563
08-01-2021 0:00	6:03:48	222769,3281	825,581665	172462,8125	824,8031616	50306,51563
08-01-2021 0:00	6:03:53	222243,1719	825,5975952	172081,0156	824,8505859	50162,15625
08-01-2021 0:00	6:03:58	222877,6875	825,5488281	172661,4219	824,8178711	50216,26563
08-01-2021 0:00	6:04:03	221962,4688	825,5710449	171929,7656	824,8891602	50032,70313
08-01-2021 0:00	6:04:08	222590,4063	825,5710449	172809,7969	824,8891602	49780,60938
08-01-2021 0:00	6:04:13	222207,375	825,552063	172236,0156	824,7937012	49971,35938
08-01-2021 0:00	6:04:18	221747,4531	825,4906006	171803,7969	824,8067017	49943,65625
08-01-2021 0:00	6:04:23	222343,9844</				

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222,479	825,55	172,147	824,81	50,332	
DESV EST	534,88	0,15	471,72	0,15	561,19	
% DESV EST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	6:05:23	223209,0313	825,5531006	172914,3125	824,7769165	50294,71875
08-01-2021 0:00	6:05:28	222156,5313	825,6074829	172226,3906	824,8674927	49930,14063
08-01-2021 0:00	6:05:33	222348,0313	825,6065674	172268,6406	824,8950195	50079,39063
08-01-2021 0:00	6:05:38	222360,6563	825,5981665	172219,7656	824,8950195	50140,89063
08-01-2021 0:00	6:05:43	221930,1406	825,5981665	171598,2188	824,9001465	50331,92188
08-01-2021 0:00	6:05:48	222840,7969	825,5517578	172505,1563	824,9039917	50335,64063
08-01-2021 0:00	6:05:53	222207,3906	825,5955811	172120,7031	824,9135132	50086,6875
08-01-2021 0:00	6:05:58	223064,5313	825,5955811	173037,1563	824,9135132	50027,375
08-01-2021 0:00	6:06:03	222729,3125	825,6114502	172511,9375	824,8781738	50217,375
08-01-2021 0:00	6:06:08	222019,2656	825,5914307	171598,2656	824,9074707	50421
08-01-2021 0:00	6:06:13	222540,3906	825,7954102	172409,4844	824,6660156	50130,90625
08-01-2021 0:00	6:06:18	222480,5938	825,611145	171937,6406	824,9151611	50542,95313
08-01-2021 0:00	6:06:23	223580,6719	825,8414307	173228,7031	824,635498	50351,96875
08-01-2021 0:00	6:06:28	222681,3594	825,62146	172421,0469	824,8585815	50260,3125
08-01-2021 0:00	6:06:33	222292,9531	825,6477661	171980,3438	824,8585815	50312,60938
08-01-2021 0:00	6:06:38	222697,3594	825,6477661	172311,8594	824,9098511	50385,5
08-01-2021 0:00	6:06:43	222936,5938	825,5655518	172694,3594	824,9292313	50242,23438
08-01-2021 0:00	6:06:48	222880,3281	825,5948486	172742,9219	824,9257813	50137,40625
08-01-2021 0:00	6:06:53	222437,2656	825,5948486	172180,4844	824,9257813	50256,78125
08-01-2021 0:00	6:06:58	222988,6563	825,6425171	172755,0313	824,8735352	50233,625
08-01-2021 0:00	6:07:03	222653,3906	825,5557861	172266,9688	824,921936	50386,42188
08-01-2021 0:00	6:07:08	222454,0469	825,5845337	172082,4375	824,8892822	50371,60938
08-01-2021 0:00	6:07:13	222791,8125	825,5845337	172367,375	824,8892822	50424,4375
08-01-2021 0:00	6:07:18	222217,6719	825,5739136	171985,6563	824,8987427	50232,01563
08-01-2021 0:00	6:07:23	222216,4063	825,5779419	171981,1094	824,9210815	50235,29688
08-01-2021 0:00	6:07:28	222651,5781	825,5599965	172371,2656	824,8912964	50280,3125
08-01-2021 0:00	6:07:33	222200,2656	825,5599965	171940,8594	824,8912964	50259,40625
08-01-2021 0:00	6:07:38	222057,875	825,6386719	171689,6406	824,9552612	50368,23438
08-01-2021 0:00	6:07:43	222558,6875	825,5579224	172091,8125	824,8619995	50466,875
08-01-2021 0:00	6:07:48	222306,7656	825,5579224	171840,6875	824,8619995	50466,07813
08-01-2021 0:00	6:07:53	222785,3125	825,6060791	172414,4688	824,9213867	50370,84375
08-01-2021 0:00	6:07:58	223468,2969	825,5646362	173176,5781	824,9356079	50291,71875
08-01-2021 0:00	6:08:03	222803,3594	825,727356	172703,125	824,6640625	50100,23438
08-01-2021 0:00	6:08:08	222313,0625	825,5444336	172088,5313	824,9127808	50224,53125
08-01-2021 0:00	6:08:13	222983,0938	825,5900879	172758,6406	824,8748779	50224,45313
08-01-2021 0:00	6:08:18	222641,7813	825,614563	172663,8906	824,8746948	49977,89063
08-01-2021 0:00	6:08:23	223263,9219	825,612793	172989,125	824,9210815	50274,79688
08-01-2021 0:00	6:08:28	222733,7344	825,612793	172081,5469	824,9210815	50652,1875
08-01-2021 0:00	6:08:33	223116,5625	825,6279297	172942,2656	824,9163208	50174,29688
08-01-2021 0:00	6:08:38	222319,9375	825,5667725	172033,8906	824,9191895	50286,04688
08-01-2021 0:00	6:08:43	222736,9219	825,6193848	172560,8906	824,9191895	50176,03125
08-01-2021 0:00	6:08:48	222320,4844	825,6193848	172184,9688	824,9143066	50135,51563
08-01-2021 0:00	6:08:53	222655,4844	825,5653076	172567,5469	824,881897	50087,9375
08-01-2021 0:00	6:08:58	222162,6094	825,6195068	172183,8125	824,8912964	49978,79688
08-01-2021 0:00	6:09:03	222784,25	825,6195068	172750,0625	824,8912964	50034,1875
08-01-2021 0:00	6:09:08	222061,5	825,6209106	171793,8125	824,9318237	50267,6875
08-01-2021 0:00	6:09:13	223018,6719	825,6396484	172940,7969	824,9346313	50077,875
08-01-2021 0:00	6:09:18	222209,875	825,6292725	172078,1719	824,944397	50131,70313
08-01-2021 0:00	6:09:23	222966,9063	825,8140259	172747,5469	824,6957397	50219,35938
08-01-2021 0:00	6:09:28	222105,4219	825,6623535	172139,5469	824,8773193	49965,875
08-01-2021 0:00	6:09:33	222544,9844	825,8130493	172805,8438	824,6442871	49739,14063
08-01-2021 0:00	6:09:38	221965,9219	825,6467285	171931,5625	824,8930054	50034,35938
08-01-2021 0:00	6:09:43	222062,5	825,6467285	172075,0313	824,9638062	49987,46875
08-01-2021 0:00	6:09:48	222833,3906	825,6304932	172609,0938	824,9240112	50224,29688
08-01-2021 0:00	6:09:53	222405,7656	825,6195068	172367,3125	824,9373779	50038,45313
08-01-2021 0:00	6:09:58	222791,1563	825,6195068	172467,7031	824,9373779	50323,45313
08-01-2021 0:00	6:10:03	222360,4219	825,618103	171893,9219	824,9212036	50466,5
08-01-2021 0:00	6:10:08	223117,5469	825,6529541	172754,6094	824,9210815	50362,9375
08-01-2021 0:00	6:10:13	222877,4688	825,6578979	172413,3281	824,9534302	50464,14063
08-01-2021 0:00	6:10:18	223321,7031	825,6578979	172519,2969	824,9534302	50802,40625
08-01-2021 0:00	6:10:23	222411,4063	825,7946777	172233,0469	824,6546021	50178,35938
08-01-2021 0:00	6:10:28	222686,3438	825,6564941	172318,1406	824,954834	50368,20313
08-01-2021 0:00	6:10:33	222261,6406	825,6337891	171844,8125	824,9315186	50416,82813
08-01-2021 0:00	6:10:38	222929,9688	825,6337891	172722,5938	824,9315186	50207,375
08-01-2021 0:00	6:10:43	222403,7188	825,6394043	172196,5469	824,8475342	50207,17188
08-01-2021 0:00	6:10:48	222651,1719	825,6083374	172378,8906	824,8916016	50272,28125
08-01-2021 0:00	6:10:53	222214,8906	825,6293945	171991,9375	824,8916016	50222,95313
08-01-2021 0:00	6:10:58	222257,9844	825,6293945	172232	824,913269	50025,98438
08-01-2021 0:00	6:11:03	221827,3125	825,647583	171945,1094	824,9197998	49882,20313
08-01-2021 0:00	6:11:08	222411,125	825,6105957	172328,375	824,9199829	50082,75
08-01-2021 0:00	6:11:13	222558,2656	825,6105957	172377,3438	824,9199829	50180,92188
08-01-2021 0:00	6:11:18	222459	825,5921021	172377,375	824,9139404	50081,625
08-01-2021 0:00	6:11:23	222698,1094	825,6073608	172620,5781	824,897644	50077,53125
08-01-2021 0:00	6:11:28	222653,8438	825,5942993	172571,5	824,9040527	50082,34375
08-01-2021 0:00	6:11:33	222249,8438	825,5942993	171997,7188	824,9040527	50252,125
08-01-2021 0:00	6:11:38	223206,6406	825,678772	173051,9219	824,8930054	50154,71875
08-01-2021 0:00	6:11:43	222791,7188	825,6269531	172525,0781	824,901001	50266,64063
08-01-2021 0:00	6:11:48	222409,1406	825,6311035	172139,2031	824,901001	50269,9375
08-01-2021 0:00	6:11:53	222696,5781	825,8155518	172378,3438	824,6726685	50318,23438
08-01-2021 0:00	6:11:58	222180,5	825,5926514	171910	824,8721924	50270,5
08-01-2021 0:00	6:12:03	222924,5156	825,6751099	172803,2188	824,9512939	50121,29688
08-01-2021 0:00	6:12:08	222205,7656	825,6751099	172086,4219	824,9512939	50119,34375
08-01-2021 0:00	6:12:13	222396,0469	825,8656616	172229,9375	824,7043457	50166,10938
08-01-2021 0:00	6:12:18	222892,2031	825,6165161	172804,0625	824,9512329	50088,14063
08-01-2021 0:00	6:12:23	222600,0469	825,6395264	172427,2969	824,9229126	50172,75
08-01-2021 0:00	6:12:28	222403,1719	825,6395264	172183,9219	824,9229126	50219,25
08-01-2021 0:00	6:12:33	222070,0625	825,8505859	171801,3906	824,6956177	50268,67188
08-01-2021 0:00	6:12:38	222636,5625	825,6914673	172521,75	824,928772	50114,8125
08-01-2021 0:00	6:12:43	222405,5469	825,8456421	172185,1406	824,680542	50220,40625
08-01-2021 0:00	6:12:48	222790,1875	825,6628418	172569,9219	824,9378052	50220,26563
08-01-2021 0:00	6:12:53	222216,9063	825,659729	171949,0781	824,9268799	50267,82813
08-01-2021 0:00	6:12:58	222119,8906	825,664917	172085,5	824,965332	50034,39063
08-01-2021 0:00	6:13:03	222888,8281	825,664917	172699,7656	824,965332	50189,0625
08-01-2021 0:00	6:13:08	222079,2344	825,6478271	171886,9531	825,0015259	50192,28125
08-01-2021 0:00	6:13:13	222845,2969	825,8190918	172223		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222,479	825,55	172,147	824,81	50,332	
DESV EST	534,88	0,15	471,72	0,15	561,19	
% DESV EST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	6:14:13	222696,7188	825,6471558	172610,2813	824,9863892	50086,4375
08-01-2021 0:00	6:14:18	222928,7031	825,6471558	172805,375	824,9863892	50123,32813
08-01-2021 0:00	6:14:23	222498,7969	825,675293	172279,3594	824,9714966	50219,4375
08-01-2021 0:00	6:14:28	223217,6563	825,6726074	173113,2656	824,8686523	50104,39063
08-01-2021 0:00	6:14:33	222791,8125	825,6533813	172511,75	825,0043335	50280,0625
08-01-2021 0:00	6:14:38	222781,9063	825,6533813	172807,2813	825,0043335	49974,625
08-01-2021 0:00	6:14:43	223165,5313	825,6911011	173046,25	824,9622803	50119,28125
08-01-2021 0:00	6:14:48	222325,4531	825,6109009	172145,8125	824,9342041	50179,64063
08-01-2021 0:00	6:14:53	222894,125	825,6109009	172717,2813	824,9342041	50176,84375
08-01-2021 0:00	6:14:58	222260,5781	825,6323242	172237,4375	824,9500122	50023,14063
08-01-2021 0:00	6:15:03	222260,6094	825,6752319	172336,3594	824,9556274	50024,25
08-01-2021 0:00	6:15:08	222030,9688	825,6385498	171988,4063	824,9990845	50042,5625
08-01-2021 0:00	6:15:13	222933,0156	825,6385498	172862,9688	824,9990845	50070,04688
08-01-2021 0:00	6:15:18	222071,8125	825,668457	172194,3438	824,9349365	49877,46875
08-01-2021 0:00	6:15:23	222416,5313	825,8161621	171898,4531	824,7310791	50518,07813
08-01-2021 0:00	6:15:28	222926,9063	825,6968384	172860,6875	824,9502563	50066,21875
08-01-2021 0:00	6:15:33	222401,4688	825,8815918	172047,7656	824,7022095	50353,70313
08-01-2021 0:00	6:15:38	223230,1094	825,6391602	172957,7188	824,9432983	50272,39063
08-01-2021 0:00	6:15:43	223038,6563	825,8219604	172768,0781	824,6907349	50270,57813
08-01-2021 0:00	6:15:48	222417,2031	825,6386719	171887,75	824,9385986	50529,45313
08-01-2021 0:00	6:15:53	222944,8438	825,6410522	172796,2344	825,0391846	50148,60938
08-01-2021 0:00	6:15:58	222269,25	825,6731567	172042,0156	824,9855957	50227,23438
08-01-2021 0:00	6:16:03	223913,9531	825,6062012	173724,25	824,9438477	50189,70313
08-01-2021 0:00	6:16:08	222896,4063	825,6062012	172756,7188	824,9438477	50139,6875
08-01-2021 0:00	6:16:13	222228,7031	825,6525269	172039,4531	824,9984741	50189,25
08-01-2021 0:00	6:16:18	222648,1719	825,6980591	172523,9063	824,9673462	50124,26563
08-01-2021 0:00	6:16:23	222260,4063	825,7213745	172002,5938	824,944519	50257,8125
08-01-2021 0:00	6:16:28	222896,9375	825,7213745	172663,5781	824,944519	50233,35938
08-01-2021 0:00	6:16:33	222466,0938	825,6707153	172138,4063	824,9862061	50327,6875
08-01-2021 0:00	6:16:38	223493,3281	825,7678223	173291,125	824,9647827	50202,20313
08-01-2021 0:00	6:16:43	223075,9063	825,7167358	172854,0625	824,9647827	50221,84375
08-01-2021 0:00	6:16:48	222090,1563	825,7167358	171996,2344	825,0014038	50093,92188
08-01-2021 0:00	6:16:53	223142,3906	825,6436157	172904,8281	824,9873657	50237,5625
08-01-2021 0:00	6:16:58	222560,875	825,6691895	172194,875	824,9508057	50366
08-01-2021 0:00	6:17:03	222039,6719	825,6691895	171859,6719	824,9508057	50180
08-01-2021 0:00	6:17:08	222598,2813	825,6469116	172242,2188	824,9534912	50356,0625
08-01-2021 0:00	6:17:13	222407,2656	825,7067261	171908,7344	824,9472046	50498,53125
08-01-2021 0:00	6:17:18	223280,75	825,6539307	173003,8281	824,9781494	50276,92188
08-01-2021 0:00	6:17:23	222570,3125	825,6539307	172430,0156	824,9781494	50140,29688
08-01-2021 0:00	6:17:28	222570,5	825,6265869	172513,1406	825,0396118	50057,35938
08-01-2021 0:00	6:17:33	222466,6563	825,6612549	172093,7188	824,9891968	50372,9375
08-01-2021 0:00	6:17:38	223318,2813	825,7022095	173014,9375	824,9891968	50303,34375
08-01-2021 0:00	6:17:43	222648,2969	825,7022095	172346,1875	824,9235229	50302,10938
08-01-2021 0:00	6:17:48	222167,875	825,710022	171910,0313	824,9560547	50257,84375
08-01-2021 0:00	6:17:53	222372,7344	825,6594849	172238,1406	824,9886475	50134,59375
08-01-2021 0:00	6:17:58	222986,9844	825,6594849	172764,625	824,9886475	50222,35938
08-01-2021 0:00	6:18:03	222318,9219	825,6883545	172142,9844	824,9863281	50175,9375
08-01-2021 0:00	6:18:08	223478,9219	825,6435547	173157,2969	824,9368286	50321,625
08-01-2021 0:00	6:18:13	222805,6406	825,6506669	172492,0781	824,9157104	50313,5625
08-01-2021 0:00	6:18:18	222077,6563	825,6506669	171910,2031	824,9157104	50167,45313
08-01-2021 0:00	6:18:23	222747,6875	825,6958008	172484,8438	824,954834	50262,84375
08-01-2021 0:00	6:18:28	222661,4844	825,6609497	172343,5	824,9484253	50317,98438
08-01-2021 0:00	6:18:33	222530,7969	825,7961426	172155,4063	824,7007446	50375,39063
08-01-2021 0:00	6:18:38	222374,0469	825,6107178	171959,25	824,9326782	50414,79688
08-01-2021 0:00	6:18:43	222183,7656	825,6616821	171624,4688	824,956665	50559,29688
08-01-2021 0:00	6:18:48	222752,6563	825,6860962	172422,875	825,0282593	50329,78125
08-01-2021 0:00	6:18:53	223525,0469	825,659668	173001,6406	825,0282593	50523,40625
08-01-2021 0:00	6:18:58	222274,7813	825,659668	171955,8438	825,0041504	50318,9375
08-01-2021 0:00	6:19:03	222993,6719	825,6854858	172578,3281	824,9734497	50415,34375
08-01-2021 0:00	6:19:08	222810,7188	825,6533203	172348,0156	824,934021	50462,70313
08-01-2021 0:00	6:19:13	222334,3125	825,8383789	171858,5469	824,6863403	50475,76563
08-01-2021 0:00	6:19:18	222764,9219	825,6452637	172241,0313	824,9893188	50523,89063
08-01-2021 0:00	6:19:23	222067,625	825,7490234	171908,5469	824,9783936	50159,07813
08-01-2021 0:00	6:19:28	222275,25	825,6884766	171813,7969	824,9777222	50461,45313
08-01-2021 0:00	6:19:33	222335,1406	825,6884766	171909,4375	824,9777222	50425,70313
08-01-2021 0:00	6:19:38	222765,6719	825,6427002	172479,75	824,9949951	50285,92188
08-01-2021 0:00	6:19:43	222285,9844	825,6499634	172002,0625	824,9925537	50283,92188
08-01-2021 0:00	6:19:48	222607,9844	825,6989136	172242,4531	824,9925537	50365,53125
08-01-2021 0:00	6:19:53	222368,7656	825,6989136	171955,5	824,9863281	50413,26563
08-01-2021 0:00	6:19:58	223564,3906	825,7030029	172963,9375	824,9660034	50600,45313
08-01-2021 0:00	6:20:03	223092,3125	825,6768799	172531,4375	824,9762573	50560,875
08-01-2021 0:00	6:20:08	222164,7813	825,6768799	171756,8125	824,9762573	50407,96875
08-01-2021 0:00	6:20:13	222643,4063	825,7473755	172187,1719	825,0230103	50456,23438
08-01-2021 0:00	6:20:18	222179,5313	825,6998291	171567,5625	825,0170898	50611,96875
08-01-2021 0:00	6:20:23	222991,5781	825,8947754	172482,9844	824,7355957	50508,59375
08-01-2021 0:00	6:20:28	222288,7031	825,7089233	171580,5	824,9830933	50708,20313
08-01-2021 0:00	6:20:33	223342,6094	825,8369751	172872,5	824,7057495	50470,10938
08-01-2021 0:00	6:20:38	222573,125	825,6657104	172142,375	825,0160522	50430,75
08-01-2021 0:00	6:20:43	222150,2656	825,8225098	171848,9688	824,7686768	50301,29688
08-01-2021 0:00	6:20:48	222467,25	825,6365967	172143,0781	825,0482788	50324,17188
08-01-2021 0:00	6:20:53	222659,1875	825,7036743	171904,6406	825,0162964	50754,54688
08-01-2021 0:00	6:20:58	222756,4375	825,6970825	172397,7031	824,9435425	50358,73438
08-01-2021 0:00	6:21:03	222336,5469	825,8839722	171963,1719	824,6959839	50373,375
08-01-2021 0:00	6:21:08	222618,0781	825,6571045	172346,4844	824,9599609	50271,59375
08-01-2021 0:00	6:21:13	222331,1094	825,6762695	172093,4844	825,0285645	50237,625
08-01-2021 0:00	6:21:18	222756,625	825,6997681	172429,0938	825,024292	50327,53125
08-01-2021 0:00	6:21:23	222034,2031	825,6997681	171956,9844	825,024292	50077,21875
08-01-2021 0:00	6:21:28	222322,3594	825,7167358	172340,3125	824,9943848	49982,04688
08-01-2021 0:00	6:21:33	222052,8594	825,6502075	171806,9375	825,0308228	50245,92188
08-01-2021 0:00	6:21:38	222324,7031	825,7088623	172242,6875	825,0042114	50082,01563
08-01-2021 0:00	6:21:43	222612,7656	825,8947754	172530,4063	824,7568359	50082,35938
08-01-2021 0:00	6:21:48	222468,0313	825,7088013	172390,6406	824,9897461	50077,39063
08-01-2021 0:00	6:21:53	222006,8281	825,6391602	171820,5625	824,9709473	50186,26563
08-01-2021 0:00	6:21:58	222756,0156	825,7006836	172813,1719	824,9709473	49942,84375
08-01-2021 0:00	6:22:03	222181,8438	825,7006836	172287,1875	825,0280762	49894,65625
08-01-2021 0:00	6:22:08	222553,375	825,7445679	172583,7969	824,9804688	49969,57813
08-01-2021 0:00	6:22:13	222190,125	825,6697998	171992,5781	825,06604	50197,54688
08-01-2021 0:00	6:22:18	222428,1719	825,6697998	172282,7344	825,06604	50145,4375
08-01-2021 0:00	6:22:23	222907,7031	825,8621826	172569,6719	824,8062744	50338,03125
08-01-2021 0:00	6:22:28	222948,6719	825,7055054	172718,0156	825,02948	50230,65625
08-01-2021 0:00	6:22:33	222197,4063	825,6583252	172047,875	825,0328369	50149,53125
08-01-2021 0:00	6:22:38	223105,6719	825,6583252	172862,9063	825,032836	

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
270MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	1 ValueY [kg/m3]	
	PROMEDIO	222,479	825,55	172,147	824,81	50,332
	DESVEST	534,88	0,15	471,72	0,15	561,19
	% DESVEST	0,2404%	0,0181%	0,2740%	0,0179%	1,1150%
	DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]		l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	6:23:03	223432,8281	825,7106323	173291,7344	825,0378418	50141,09375
08-01-2021 0:00	6:23:08	222247,9063	825,6662598	172107,6875	824,9816284	50140,21875
08-01-2021 0:00	6:23:13	222754,2656	825,6662598	172774,7188	824,9816284	49979,54688
08-01-2021 0:00	6:23:18	222040,8281	825,7351685	171866,1406	824,9975586	50174,68875
08-01-2021 0:00	6:23:23	222949,9219	825,7230225	172878,5156	824,9576416	50071,40625
08-01-2021 0:00	6:23:28	222074,7813	825,7835083	172007,3438	825,008667	50067,4375
08-01-2021 0:00	6:23:33	222954,7344	825,7835083	172775,0781	825,008667	50179,65625
08-01-2021 0:00	6:23:38	222191,1875	825,7127075	172154,1563	824,9958496	50037,03125
08-01-2021 0:00	6:23:43	223391,1406	825,8866577	173159,7656	824,7422485	50231,375
08-01-2021 0:00	6:23:48	222571,25	825,725708	172336,2031	825,0448608	50235,04688
08-01-2021 0:00	6:23:53	222138,3594	825,9111328	171762,375	824,7976685	50375,98438
08-01-2021 0:00	6:23:58	222329,6719	825,7387695	172240,6875	825,0442505	50088,98438
08-01-2021 0:00	6:24:03	223291,2344	825,7216187	173148,375	825,048645	50142,85938
08-01-2021 0:00	6:24:08	222818,9219	825,7015991	172538,8281	825,048645	50280,09375
08-01-2021 0:00	6:24:13	222340,4531	825,7015991	172013,6094	824,9890747	50326,84375
08-01-2021 0:00	6:24:18	222232,6563	825,7484741	171962,8594	825,0033569	50269,79688
08-01-2021 0:00	6:24:23	222520,6875	825,9318237	172489,0781	824,7556152	50031,60938
08-01-2021 0:00	6:24:28	222374,1406	825,7442017	172580,1875	825,0026245	49793,95313
08-01-2021 0:00	6:24:33	222995,9063	825,7548828	172914,8906	825,0288086	50081,01563
08-01-2021 0:00	6:24:38	222101,4531	825,6990967	171804,9688	825,0747681	50296,48438
08-01-2021 0:00	6:24:43	222347,8125	825,6738892	172100,5313	825,0319214	50247,28125
08-01-2021 0:00	6:24:48	222419,1875	825,6738892	172330,0469	825,0319214	50089,14063
08-01-2021 0:00	6:24:53	222418,8281	825,7666626	172139,5625	825,0792236	50279,26563
08-01-2021 0:00	6:24:58	223052,9688	825,7213135	172825,75	824,9970703	50227,21875
08-01-2021 0:00	6:25:03	222438,5938	825,8762817	172301,625	824,75	50136,96875
08-01-2021 0:00	6:25:08	222706,875	825,6916504	172537,0938	824,991272	50169,78125
08-01-2021 0:00	6:25:13	222419,7344	825,7599487	172250,1719	825,0090942	50169,5625
08-01-2021 0:00	6:25:18	223768,0625	825,727356	172816,2031	825,0476685	50951,85938
08-01-2021 0:00	6:25:23	223286,4844	825,727356	172207,3594	825,0476685	51079,125
08-01-2021 0:00	6:25:28	223153,5313	825,7376099	171920,4375	824,984436	51233,09375
08-01-2021 0:00	6:25:33	223679,5781	825,8813477	172614,875	824,8536377	51064,70313
08-01-2021 0:00	6:25:38	222569,4531	825,7338867	171483,5156	825,0241089	51085,9375
08-01-2021 0:00	6:25:43	223088,6563	825,7338867	171913,8281	825,0241089	51174,82813
08-01-2021 0:00	6:25:48	223710,3281	825,7624512	171005,2188	825,0245361	52705,10938
08-01-2021 0:00	6:25:53	224713,3125	825,7681274	172058,9063	825,0206909	52654,40625
08-01-2021 0:00	6:25:58	223769,3906	825,7185059	171000,9063	825,0498657	52768,48438
08-01-2021 0:00	6:26:03	224391,6094	825,7185059	171670,4063	825,0498657	52721,20313
08-01-2021 0:00	6:26:08	223724,5781	825,7062378	171147,6094	825,0338135	52576,96875
08-01-2021 0:00	6:26:13	223063,3125	825,6726685	170481,6094	825,0163574	52581,70313
08-01-2021 0:00	6:26:18	224432,1094	825,6726685	171717,4844	825,0163574	52714,625
08-01-2021 0:00	6:26:23	223857,9531	825,9171753	171144,375	824,8062744	52713,57813
08-01-2021 0:00	6:26:28	223438,1406	825,7044678	170622,9219	825,0307007	52815,21875
08-01-2021 0:00	6:26:33	224592,9531	825,6792603	171826,4844	824,9909668	52766,46875
08-01-2021 0:00	6:26:38	223756,9375	825,6792603	170961,4844	824,9909668	52795,45313
08-01-2021 0:00	6:26:43	223471,1875	825,7678223	170723,1719	825,0155029	52748,01563
08-01-2021 0:00	6:26:48	223715,2188	825,7493896	171007,0469	825,0308228	52708,17188
08-01-2021 0:00	6:26:53	223864,0313	825,7301636	171349,25	824,9938965	52514,78125
08-01-2021 0:00	6:26:58	223673,7188	825,7301636	171053,5	824,9938965	52620,21875
08-01-2021 0:00	6:27:03	223483,5781	825,9011123	170910,0781	824,7862549	52573,5
08-01-2021 0:00	6:27:08	223528,125	825,7442017	170802,5625	825,0922852	52725,5625
08-01-2021 0:00	6:27:13	224097,4219	825,7631836	171433,5	825,0922852	52663,92188
08-01-2021 0:00	6:27:18	223721,625	825,7631836	170951,4844	825,0542603	52770,14063
08-01-2021 0:00	6:27:23	224775,5469	825,7373657	172003,5469	825,072937	52772
08-01-2021 0:00	6:27:28	223901,6094	825,7830811	171208	824,9866943	52693,60938
08-01-2021 0:00	6:27:33	223334,7969	825,9600083	170772,8438	824,739502	52561,95313
08-01-2021 0:00	6:27:38	223902,3594	825,7556763	171394,5781	825,0102539	52507,78125
08-01-2021 0:00	6:27:43	223184,5625	825,7802124	170674,5156	825,0273438	52510,04688
08-01-2021 0:00	6:27:48	223831,125	825,687561	171006,3906	825,0452881	52824,73438
08-01-2021 0:00	6:27:53	223543,7344	825,687561	170814,3281	825,0452881	52729,40625
08-01-2021 0:00	6:27:58	224644,2031	825,68927	171828,2344	825,0053101	52815,96875
08-01-2021 0:00	6:28:03	224072,5313	825,6829834	171200,4063	825,0357666	52872,125
08-01-2021 0:00	6:28:08	224108,375	825,7301636	171392,2031	825,0330811	52716,17188
08-01-2021 0:00	6:28:13	223678,3906	825,7301636	171200,1563	825,0330811	52478,23438
08-01-2021 0:00	6:28:18	224056,5781	825,7514648	171577,2344	825,0640869	52479,34375
08-01-2021 0:00	6:28:23	224163,4219	825,7081299	171479,4375	825,074585	52683,98438
08-01-2021 0:00	6:28:28	222377,6719	825,7081299	171441,5156	825,074585	50936,15625
08-01-2021 0:00	6:28:33	222186,4531	825,9516602	171584,9375	824,786377	50601,51563
08-01-2021 0:00	6:28:38	222856,5313	825,769043	172301,2656	825,0352173	50555,26563
08-01-2021 0:00	6:28:43	222429,0313	825,7575073	171726,9688	825,0371094	50702,0625
08-01-2021 0:00	6:28:48	222913,7969	825,7575073	172215,0156	825,0371094	50698,78125
08-01-2021 0:00	6:28:53	222435,1094	825,9177246	171880,2656	824,7421265	50554,84375
08-01-2021 0:00	6:28:58	222929,7969	825,6730957	172113,7344	825,0236206	50816,0625
08-01-2021 0:00	6:29:03	222674,2031	825,7358398	171871,9844	825,0367432	50802,21875
08-01-2021 0:00	6:29:08	222814,625	825,7358398	172206,8281	825,0367432	50607,79688
08-01-2021 0:00	6:29:13	222192,4844	825,7476196	171585,1563	825,0361938	50607,32813
08-01-2021 0:00	6:29:18	223302,9063	825,708252	172779,3594	825,0429688	50523,54688
08-01-2021 0:00	6:29:23	222871,5	825,7153931	172111,5	825,0429688	50760
08-01-2021 0:00	6:29:28	222185,3125	825,7153931	171577,2031	825,0388184	50608,10938
08-01-2021 0:00	6:29:33	222377,0156	825,7786255	171672,1406	825,0830078	50704,875
08-01-2021 0:00	6:29:38	222479,5	825,7531128	171681,7031	825,0357666	50797,79688
08-01-2021 0:00	6:29:43	222813,9844	825,9393311	172067,6875	824,7891846	50746,29688
08-01-2021 0:00	6:29:48	223390,0313	825,7590942	172641,5156	825,0230713	50748,51563
08-01-2021 0:00	6:29:53	222965,1563	825,7377319	172204,7031	825,0548096	50760,45313
08-01-2021 0:00	6:29:58	223248,625	825,7509766	172676,8125	825,088623	50571,8125
08-01-2021 0:00	6:30:03	222535,0938	825,7509766	172342,0469	825,088623	50193,04688

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	
PROMEDIO		222.721	825.99	174.986	825.27	47.735
DESV EST		411.49	0.11	404.73	0.12	184.56
% DESV EST		0,1848%	0,0130%	0,2313%	0,0147%	0,3866%
DATOS		721	721	721	721	721
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08:01:2021 0:00	6:45:03	222364,0938	826,0546875	175096,3594	824,9230347	47267,73438
08:01:2021 0:00	6:45:08	222349,8438	825,866333	174863,5313	825,1674194	47486,3125
08:01:2021 0:00	6:45:13	222541,1563	825,9165649	175007	825,140686	47534,15625
08:01:2021 0:00	6:45:18	222219,625	825,8648071	174459,1094	825,2498779	47760,51563
08:01:2021 0:00	6:45:23	222325,2969	825,828125	174763,8906	825,1672974	47561,40625
08:01:2021 0:00	6:45:28	223082,9844	825,828125	175049,8125	825,1672974	48033,17188
08:01:2021 0:00	6:45:33	222843,7969	825,8592529	174953,375	825,1760254	47890,42188
08:01:2021 0:00	6:45:38	223662,9063	825,838501	176007,7969	825,1657715	47655,10938
08:01:2021 0:00	6:45:43	223089,4688	826,0158081	175431,9531	824,9217529	47657,51563
08:01:2021 0:00	6:45:48	222358,9844	825,8287354	174851,9844	825,1782837	47507
08:01:2021 0:00	6:45:53	223124,8906	825,8775024	175665,875	825,2114258	47459,01563
08:01:2021 0:00	6:45:58	222548,8125	825,8833618	175199,6875	825,1528931	47349,125
08:01:2021 0:00	6:46:03	221925,5625	825,8920288	174467,8438	825,1528931	47457,71875
08:01:2021 0:00	6:46:08	222499,5469	825,8920288	175233,8125	825,2230225	47265,73438
08:01:2021 0:00	6:46:13	222068,9531	826,0826416	174662,0938	824,9682007	47406,85938
08:01:2021 0:00	6:46:18	222425,3125	825,8222046	174964,1875	825,1387329	47461,125
08:01:2021 0:00	6:46:23	222090,3125	825,8222046	174427,5625	825,1387329	47662,75
08:01:2021 0:00	6:46:28	222473,5156	825,8215942	174618,9063	825,1896362	47854,60938
08:01:2021 0:00	6:46:33	222799	825,8630981	174515,8281	825,2258301	48283,17188
08:01:2021 0:00	6:46:38	223095,0781	825,8289185	175052,2656	825,1796875	48042,8125
08:01:2021 0:00	6:46:43	222664,1406	825,8289185	174621,7188	825,1796875	48042,42188
08:01:2021 0:00	6:46:48	222807,7656	825,8330078	175093,3125	825,2121582	47714,45313
08:01:2021 0:00	6:46:53	222419,5781	825,8528442	174802,3281	825,2318115	47617,25
08:01:2021 0:00	6:46:58	223273,2344	825,8843994	175774,4063	825,2318115	47498,82813
08:01:2021 0:00	6:47:03	222603,2813	825,8843994	175391,7188	825,1646729	47211,5625
08:01:2021 0:00	6:47:08	221737,3438	825,9006348	174474,9219	825,2077026	47262,42188
08:01:2021 0:00	6:47:13	222086,1094	826,0343628	174708,9219	824,9888916	47377,1875
08:01:2021 0:00	6:47:18	222885,4219	825,8485718	175384,4375	825,2327881	47500,98438
08:01:2021 0:00	6:47:23	222359,9219	825,9071655	174859,0313	825,2038574	47500,89063
08:01:2021 0:00	6:47:28	222332,6094	825,8293457	174862,4531	825,18396	47470,15625
08:01:2021 0:00	6:47:33	221992,9844	825,8462524	174631,4531	825,1443481	47361,53125
08:01:2021 0:00	6:47:38	222849,5781	825,8462524	175440,9375	825,1443481	47408,64063
08:01:2021 0:00	6:47:43	222179,4219	826,0546875	174627,8438	824,9182739	47551,57813
08:01:2021 0:00	6:47:48	223097,0938	825,8375244	175291,3438	825,1915283	47805,75
08:01:2021 0:00	6:47:53	222632,6719	825,7831421	175002,3594	825,2047729	47630,3125
08:01:2021 0:00	6:47:58	222215,0625	825,7831421	174477,1094	825,2047729	47737,95313
08:01:2021 0:00	6:48:03	222885,1875	825,9157104	175099,7031	825,2003784	47785,48438
08:01:2021 0:00	6:48:08	222341,125	825,805542	174483,9688	825,1711426	47857,15625
08:01:2021 0:00	6:48:13	223058,875	825,8063354	175337,2969	825,1711426	47721,57813
08:01:2021 0:00	6:48:18	22332,0469	825,8063354	174572,7813	825,2079468	47759,26563
08:01:2021 0:00	6:48:23	222380,3438	826,0269775	174758,2188	824,9921875	47622,125
08:01:2021 0:00	6:48:28	221138,4844	825,8482056	174390,1563	825,1657715	47748,32813
08:01:2021 0:00	6:48:33	223325,6719	826,0362549	175636,7969	824,9221191	47688,875
08:01:2021 0:00	6:48:38	222561,6719	825,8828125	174967,9531	825,1513062	47593,71875
08:01:2021 0:00	6:48:43	222229,4688	825,8739624	174672,3281	825,1932373	47557,14063
08:01:2021 0:00	6:48:48	222810,2813	825,8474731	175248,5156	825,1825562	47561,76563
08:01:2021 0:00	6:48:53	222312,625	825,8474731	174866,6094	825,1825562	47446,01563
08:01:2021 0:00	6:48:58	222695,625	825,9196167	175345,4219	825,1802368	47350,20313
08:01:2021 0:00	6:49:03	222392,0156	825,7998657	174723,5469	825,1807251	47668,46875
08:01:2021 0:00	6:49:08	222575,6406	825,8308105	175005,9531	825,1807251	47569,6875
08:01:2021 0:00	6:49:13	222144,8594	825,8308105	174432,7969	825,2025146	47712,0625
08:01:2021 0:00	6:49:18	222712,6094	825,8598022	175110,4844	825,1673584	47602,125
08:01:2021 0:00	6:49:23	222119,9063	825,9173584	174443,2813	825,1513062	47776,625
08:01:2021 0:00	6:49:28	222566,7188	825,9173584	174717,75	825,1513062	47848,96875
08:01:2021 0:00	6:49:33	222231,75	825,8726196	174526,4688	825,2197876	47705,28125
08:01:2021 0:00	6:49:38	222088,2031	825,8718872	174489,6094	825,1662598	47598,59375
08:01:2021 0:00	6:49:43	221945,7188	826,0554199	174330,25	824,9998169	47615,46875
08:01:2021 0:00	6:49:48	222814,2344	825,8675537	174871,7188	825,2435913	47942,51563
08:01:2021 0:00	6:49:53	222718,2656	825,8414307	174536,8594	825,1691284	48181,40625
08:01:2021 0:00	6:49:58	222297,7031	825,8082886	174282,4063	825,2432251	48015,29688
08:01:2021 0:00	6:50:03	222534,4375	826,0074463	174530,6563	824,9993286	48003,78125
08:01:2021 0:00	6:50:08	223136,5781	825,8187256	175205,9844	825,1992188	47930,59375
08:01:2021 0:00	6:50:13	222658,0156	825,8931274	174728,3906	825,1765692	47929,625
08:01:2021 0:00	6:50:18	223477,2344	825,8723755	175643,7031	825,1445923	47833,53125
08:01:2021 0:00	6:50:23	222902,0625	826,0585327	175110,5625	824,901062	47791,5
08:01:2021 0:00	6:50:28	222048,7656	825,8817749	174487,9375	825,1821289	47560,82813
08:01:2021 0:00	6:50:33	222814,7813	825,8513794	174775,0938	825,1853027	48039,6875
08:01:2021 0:00	6:50:38	223435,7188	825,8557129	175820,625	825,2218628	47615,09375
08:01:2021 0:00	6:50:43	222713,7188	825,8557129	175248,6875	825,2218628	47465,03125
08:01:2021 0:00	6:50:48	222043,1094	825,8682861	174435,5938	825,211731	47607,51563
08:01:2021 0:00	6:50:53	222804,2813	825,8860474	175196,2969	825,234314	47607,98438
08:01:2021 0:00	6:50:58	222431,5469	825,8516235	174767,2813	825,2271118	47664,26563
08:01:2021 0:00	6:51:03	221895,3125	825,8516235	174241,1563	825,2271118	47654,15625
08:01:2021 0:00	6:51:08	221991,1875	825,8895264	174263,0625	825,1242065	47728,18,125
08:01:2021 0:00	6:51:13	222768,5156	825,8444824	175041,0938	825,2943115	47727,42188
08:01:2021 0:00	6:51:18	221942,3125	825,8961182	174190,1719	825,2943115	47752,14063
08:01:2021 0:00	6:51:23	222660,1094	826,0844727	174811,9219	825,0024414	47948,1875
08:01:2021 0:00	6:51:28	222382,125	825,8629761	174252,6719	825,1746826	48129,45313
08:01:2021 0:00	6:51:33	223626,8906	825,8607788	175400,25	825,1807861	48226,64063
08:01:2021 0:00	6:51:38	222704,8281	825,8607788	174637,5	825,1807861	48067,32813
08:01:2021 0:00	6:51:43	222657,2188	825,9087524	174877,4375	825,1679888	47779,78125
08:01:2021 0:00	6:51:48	222721,2344	825,8458252	174821,7813	825,2058716	47899,45313
08:01:2021 0:00	6:51:53	222372,5625	826,0875244	174584,7656	824,9519653	47787,79688
08:01:2021 0:00	6:51:58	222343,3125	825,8995972	174585,0469	825,1954346	47758,26563
08:01:2021 0:00	6:52:03	223204,7656	825,8284912	175206,8906	825,1981812	47997,875
08:01:2021 0:00	6:52:08	222662,7656	825,887085	174630,3125	825,2108154	48032,45313
08:01:2021 0:00	6:52:13	222338,0781	825,8486328	174429,2813	825,2581177	47908,79688
08:01:2021 0:00	6:52:18	222445,5	825,8486328	174677,5625	825,2581177	47767,9375
08:01:2021 0:00	6:52:23	222732,6563	825,9977417	174964,6094	824,9699707	47768,04688
08:01:2021 0:00	6:52:28	222681,6719	825,8171387	174912,4375	825,2375488	47769,23438
08:01:2021 0:00	6:52:33	222235,8125	826,0031128	174525,9531	824,9940186	47709,85938
08:01:2021 0:00	6:52:38	222141,3125	825,8755493	174525,9531	825,2564087	47615,35938
08:01:2021 0:00	6:52:43	221997,7031	825,8753662	174248,6719	825,2095337	47749,03125
08:01:2021 0:00	6:52:48	223675,5938	825,8651733	175872,2656	825,2233511	47803,32813
08:01:2021 0:00	6:52:53	223201,375	825,8651733	175393,9375	825,2233511	47807,4375
08:01:2021 0:00	6:52:58	222196,5469	825,8479004	174528,1563	825,2495117	47668,39063
08:01:2021 0:00	6:53:03	222914,0781	825,8497925	175255,2656	825,2105103	47658,8125
08:01:2021 0:00	6:53:08	222527,3125	825,8649902	174712,3438	825,2880249	47814,96875
08:01:2021 0:00	6:53:13	222766,4219	825,8649902	174903,6406	825,2880249	47862,78125
08:01:2021 0:00	6:53:18	223016,0938	825,8259888	175255,1406	825,2112066	47760,95313
08:01:2021 0:00	6:53:23	222733,2656	825,8099365	174916,7188	825,2285156	47816,54688
08:01:2021 0:00						

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.721	825,99	174.986	825,27	47.735	
DESV EST	411,49	0,11	404,73	0,12	184,56	
% DESV EST	0,1848%	0,0130%	0,2313%	0,0147%	0,3866%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	6:53:53	222047,4063	825,8651733	174827,3281	825,2055054	47220,07813
08-01-2021 0:00	6:53:58	222481,7969	825,8503418	175164,0781	825,1962891	47317,71875
08-01-2021 0:00	6:54:03	222199,3281	825,8327637	174674,4375	825,2510986	47524,89063
08-01-2021 0:00	6:54:08	223057,9844	825,8327637	175491,8438	825,2510986	47566,14063
08-01-2021 0:00	6:54:13	222531,4531	826,0245361	174727,2969	824,9872437	47804,15625
08-01-2021 0:00	6:54:18	223298,6875	825,8358154	175156,8281	825,2349854	48141,85938
08-01-2021 0:00	6:54:23	222706,6563	826,024231	174732,0156	824,9915771	47974,64063
08-01-2021 0:00	6:54:28	222662,9063	825,9024658	174629,0625	825,2077026	48033,84375
08-01-2021 0:00	6:54:33	222424,5938	825,8872681	174485,5625	825,2432861	47939,03125
08-01-2021 0:00	6:54:38	223115,0938	825,8129272	175389,0625	825,2686157	47726,03125
08-01-2021 0:00	6:54:43	222511,2344	826,0009766	174825,9531	825,0255127	47685,28125
08-01-2021 0:00	6:54:48	223038,9063	825,9284058	175210,1875	825,2162476	47828,71875
08-01-2021 0:00	6:54:53	222622,1875	825,8782959	174721,2813	825,2676392	47900,90625
08-01-2021 0:00	6:54:58	223019,1875	825,8292236	175016,7813	825,2302856	48002,40625
08-01-2021 0:00	6:55:03	222707,7188	825,8292236	174777,625	825,2302856	47930,09375
08-01-2021 0:00	6:55:08	223426,7344	825,9219971	175784,3281	825,2195435	47642,40625
08-01-2021 0:00	6:55:13	222719,8906	825,8827515	175030,0469	825,1660767	47689,84375
08-01-2021 0:00	6:55:18	223054,6719	825,8839111	175007,5156	825,1660767	48047,15625
08-01-2021 0:00	6:55:23	222719,5781	825,8839111	174959,6563	825,2750244	47759,92188
08-01-2021 0:00	6:55:28	223054,5625	825,8909302	175360,8125	825,1893921	47693,75
08-01-2021 0:00	6:55:33	223016,0156	826,0418091	175312,1563	824,95033784	47703,85938
08-01-2021 0:00	6:55:38	223287,7656	825,8546753	174494,1875	825,1932988	47893,57813
08-01-2021 0:00	6:55:43	223488,9375	826,0705566	175738,7188	824,9732056	47750,21875
08-01-2021 0:00	6:55:48	222914,4375	825,8803101	175108,0938	825,2547607	47806,34375
08-01-2021 0:00	6:55:53	223236,75	825,9317627	174778,2188	825,2307129	47548,53125
08-01-2021 0:00	6:55:58	223718,7656	825,9317627	176065,3125	825,2307129	47653,45313
08-01-2021 0:00	6:56:03	223048,4219	825,9201666	175539,125	825,2520142	47509,29688
08-01-2021 0:00	6:56:08	222531,3906	825,8901978	174685,4688	825,2166748	47845,92188
08-01-2021 0:00	6:56:13	222686,875	825,8457031	174818,2188	825,2166748	47868,65625
08-01-2021 0:00	6:56:18	223252,6719	825,8457031	175585,3906	825,2728271	47667,28125
08-01-2021 0:00	6:56:23	222726,9531	826,0717163	175107,8438	825,0211792	47619,10938
08-01-2021 0:00	6:56:28	222924,3125	825,8671875	175348,6094	825,2561646	47575,70313
08-01-2021 0:00	6:56:33	222482,9688	825,8671875	175019,6875	825,2561646	47463,28125
08-01-2021 0:00	6:56:38	222599,0781	825,9111328	175067,4531	825,2278442	47531,625
08-01-2021 0:00	6:56:43	222406,8906	825,8372192	174731,5156	825,2330322	47675,375
08-01-2021 0:00	6:56:48	223401,0781	825,8745117	175435,4531	825,2988281	47965,625
08-01-2021 0:00	6:56:53	222721,25	825,8745117	174718,75	825,2988281	48002,5
08-01-2021 0:00	6:56:58	223393,3281	825,9110107	175734,4844	825,2442627	47658,84375
08-01-2021 0:00	6:57:03	222963,7344	825,9056396	175302,6406	825,2507324	47661,09375
08-01-2021 0:00	6:57:08	222296,7813	825,8952637	174486,0469	825,2674561	47810,73438
08-01-2021 0:00	6:57:13	222968,0469	825,8952637	175155,6719	825,2674561	47812,375
08-01-2021 0:00	6:57:18	223399,7188	825,8919678	175536,9688	825,2779541	47862,75
08-01-2021 0:00	6:57:23	223109,0781	825,9048462	175455	825,2116089	47654,07813
08-01-2021 0:00	6:57:28	223249,6719	825,9048462	175491	825,2116089	47758,67188
08-01-2021 0:00	6:57:33	223297,5313	826,1064453	175491	825,0259399	47806,53125
08-01-2021 0:00	6:57:38	222532,0156	825,9160767	174957,4844	825,3084717	47574,53125
08-01-2021 0:00	6:57:43	222583,4375	825,9021606	175264,1875	825,2131958	47319,25
08-01-2021 0:00	6:57:48	223307,1406	825,9021606	175593,7969	825,2131958	47713,34375
08-01-2021 0:00	6:57:53	222828,5938	825,8728027	174924,125	825,2384033	47904,46875
08-01-2021 0:00	6:57:58	223396	825,8980103	175691,25	825,2294312	47704,75
08-01-2021 0:00	6:58:03	222726,0938	826,0864868	175537,5313	825,036438	47188,5625
08-01-2021 0:00	6:58:08	223257,6875	825,8969727	175631,4531	825,2791748	47626,23438
08-01-2021 0:00	6:58:13	223209,5156	825,8787231	175583,7031	825,2875366	47625,8125
08-01-2021 0:00	6:58:18	222183,2813	825,9627075	174632,625	825,2642212	47550,65625
08-01-2021 0:00	6:58:23	222779,125	825,8846436	175264,3281	825,2642212	47514,9688
08-01-2021 0:00	6:58:28	222165,8438	825,8846436	174690,25	825,2125854	47475,59375
08-01-2021 0:00	6:58:33	222788,3594	825,8537598	174978,1563	825,2122192	47810,20313
08-01-2021 0:00	6:58:38	222966,6406	825,9049072	175114,7656	825,2458496	47851,875
08-01-2021 0:00	6:58:43	222783,1406	825,9049072	174818,5156	825,2458496	47964,625
08-01-2021 0:00	6:58:48	223023,375	825,8735962	175296,7969	825,2907104	47726,57813
08-01-2021 0:00	6:58:53	222827,5781	825,8895874	175025,1563	825,2164307	47802,42188
08-01-2021 0:00	6:58:58	222258,3125	825,8781128	174345,5	825,2685547	47912,8125
08-01-2021 0:00	6:59:03	222964,2188	825,8781128	175349,9844	825,2685547	47614,23438
08-01-2021 0:00	6:59:08	222246,3594	825,9273071	174677,9375	825,2799072	47568,42188
08-01-2021 0:00	6:59:13	222633,0156	825,9163818	175014,0938	825,2734985	47618,92188
08-01-2021 0:00	6:59:18	222114,6875	825,8898926	174542,3594	825,2734985	47572,32813
08-01-2021 0:00	6:59:23	223311,0156	826,0783081	175594,7031	824,9990845	47716,3125
08-01-2021 0:00	6:59:28	222384,625	825,9539795	174636,9844	825,2468262	47747,64063
08-01-2021 0:00	6:59:33	222018,375	825,8919678	174352,6875	825,2333374	47665,6875
08-01-2021 0:00	6:59:38	222799,9688	825,8919678	174959,0938	825,2333374	47840,875
08-01-2021 0:00	6:59:43	222321,3281	825,8323364	174624,2813	825,3083496	47697,04688
08-01-2021 0:00	6:59:48	222394,7031	825,9169922	174827,4219	825,2510986	47567,28125
08-01-2021 0:00	6:59:53	221966,1719	825,9039917	174302,9063	825,2431641	47663,26563
08-01-2021 0:00	6:59:58	222361,3438	825,9039917	174843,2344	825,2431641	47518,10938
08-01-2021 0:00	7:00:03	222170	826,0450439	174461,3438	824,9353027	47708,65625
08-01-2021 0:00	7:00:08	222315,8906	825,8476563	174704,2188	825,1602173	47611,67188
08-01-2021 0:00	7:00:13	222257,4219	825,8894043	174405,5938	825,2163086	47851,82813
08-01-2021 0:00	7:00:18	223117,3125	825,8894043	175267,25	825,2163086	47850,0625
08-01-2021 0:00	7:00:23	222735,5781	825,8937988	174693,1406	825,2137451	48042,4375
08-01-2021 0:00	7:00:28	222588,3906	825,9124756	174551,875	825,203186	48036,51563
08-01-2021 0:00	7:00:33	222358	825,8787231	174492,625	825,203186	47865,375
08-01-2021 0:00	7:00:38	222776,0156	825,8787231	174923,1406	825,2623901	47852,875
08-01-2021 0:00	7:00:43	222249,3438	825,9273682	174320,8906	825,1670532	47928,45313
08-01-2021 0:00	7:00:48	222585,2188	825,9277344	174692,5469	825,2208862	47892,67188
08-01-2021 0:00	7:00:53	222408,8281	825,9277344	174637,1406	825,2208862	47771,6875
08-01-2021 0:00	7:00:58	223174,375	825,8724976	175212,6875	825,2575684	47961,6875
08-01-2021 0:00	7:01:03	222646,4375	826,0756226	174931,3281	824,9881592	47715,10938
08-01-2021 0:00	7:01:08	223408,5	825,9041748	175684,8125	825,2913818	47723,6875
08-01-2021 0:00	7:01:13	222890,8438	825,9041748	175206,4375	825,2913818	47684,40625
08-01-2021 0:00	7:01:18	223226,2188	825,8702393	175604,7031	825,2127075	47621,51563
08-01-2021 0:00	7:01:23	222925,1719	825,9221802	175166,5	825,2496948	47758,67188
08-01-2021 0:00	7:01:28	222784,0313	825,9133911	174786,7813	825,2496948	47997,25
08-01-2021 0:00	7:01:33	222495,8438	826,1047974	174691,9531	824,996521	47803,89063
08-01-2021 0:00	7:01:38	223208,625	825,9304199	175359,25	825,2503052	47849,375
08-01-2021 0:00	7:01:43	222498	825,90271	174685,5		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.721	825,99	174.986	825,27	47.735
DESV EST	411,49	0,11	404,73	0,12	184,56
% DESV EST	0,1848%	0,0130%	0,2313%	0,0147%	0,3866%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	7:02:43	223162,6875	826,0966797	175300,4688	825,0016479
08-01-2021 0:00	7:02:48	222490,9688	825,9135132	174822,2031	825,3145142
08-01-2021 0:00	7:02:53	223112,9844	825,9204712	175356,6719	825,2781372
08-01-2021 0:00	7:02:58	222360,2813	825,8713989	174686,2969	825,2856445
08-01-2021 0:00	7:03:03	222983,5938	825,8713989	175260,2656	825,2856445
08-01-2021 0:00	7:03:08	222457,2344	825,8626709	174879,0156	825,2821045
08-01-2021 0:00	7:03:13	222597,4844	825,875061	174988,7813	825,2175293
08-01-2021 0:00	7:03:18	223645,5781	825,8973999	175948,7031	825,2028198
08-01-2021 0:00	7:03:23	222928,1406	826,0854492	175183,2031	824,9608154
08-01-2021 0:00	7:03:28	222362,0156	825,8720703	174546,9688	825,2761841
08-01-2021 0:00	7:03:33	222875,5625	826,1129761	175032,0625	825,0015259
08-01-2021 0:00	7:03:38	223688,4375	825,9285889	175893,625	825,2437134
08-01-2021 0:00	7:03:43	223305,4531	826,118103	175463,0781	825,0032959
08-01-2021 0:00	7:03:48	222302,0313	825,9251709	174648,1563	825,2536011
08-01-2021 0:00	7:03:53	222554,2969	825,880127	174838,4844	825,258606
08-01-2021 0:00	7:03:58	223351,1875	825,880127	175648,3438	825,258606
08-01-2021 0:00	7:04:03	222778,7188	825,9435425	175217,7969	825,2748413
08-01-2021 0:00	7:04:08	223504,3594	825,9174805	176227,9531	825,2480469
08-01-2021 0:00	7:04:13	223017,6563	826,1379395	175656,375	824,9945068
08-01-2021 0:00	7:04:18	222411,4531	825,9506836	174786,4844	825,2362061
08-01-2021 0:00	7:04:23	223082	826,086853	175360,5313	825,0401611
08-01-2021 0:00	7:04:28	222199,9063	825,9786987	174554,9531	825,2525635
08-01-2021 0:00	7:04:33	222798,9688	826,1692505	175129,7344	825,010437
08-01-2021 0:00	7:04:38	222547,0625	825,8861084	175031,8281	825,2492676
08-01-2021 0:00	7:04:43	222977,7188	825,9328003	175463,2031	825,2561035
08-01-2021 0:00	7:04:48	222351	825,9505005	174446,8281	825,3171387
08-01-2021 0:00	7:04:53	223215,2813	826,1398315	175235,7969	825,0751343
08-01-2021 0:00	7:04:58	222401,7813	825,944519	174613,9531	825,2028809
08-01-2021 0:00	7:05:03	222985,375	825,9139404	174899,7344	825,2087402
08-01-2021 0:00	7:05:08	222708,8438	825,8727417	174859,3281	825,1762695
08-01-2021 0:00	7:05:13	222971,2969	825,8727417	175337,8281	825,1762695
08-01-2021 0:00	7:05:18	222540,2344	825,96698	174844,5625	825,2442627
08-01-2021 0:00	7:05:23	223054,0156	825,8345947	175328,9063	825,2191162
08-01-2021 0:00	7:05:28	222651,2813	825,8996582	174992,0625	825,2324219
08-01-2021 0:00	7:05:33	222029,1094	825,8996582	174466,5781	825,2324219
08-01-2021 0:00	7:05:38	222638,0313	825,9501343	175173,8594	825,2825928
08-01-2021 0:00	7:05:43	222023,8906	826,1074219	174317,9219	825,015564
08-01-2021 0:00	7:05:48	222261,625	825,9190674	174409,4531	825,2573853
08-01-2021 0:00	7:05:53	223075,5625	825,9263306	175318,3281	825,2736816
08-01-2021 0:00	7:05:58	222801,25	825,8771362	174638,625	825,3261719
08-01-2021 0:00	7:06:03	222977,9688	826,1263428	174690,8281	825,0671387
08-01-2021 0:00	7:06:08	223030,7344	825,9347534	174937,8281	825,30896
08-01-2021 0:00	7:06:13	222695,7656	825,9154663	174746,4531	825,2672729
08-01-2021 0:00	7:06:18	222686,8125	825,9573364	174891,4531	825,263855
08-01-2021 0:00	7:06:23	223460,1094	826,12854	175846,7031	825,0296631
08-01-2021 0:00	7:06:28	222608,4844	825,9362793	175066,9375	825,2713623
08-01-2021 0:00	7:06:33	222895,9688	826,0892334	175258,2969	825,098938
08-01-2021 0:00	7:06:38	222708,7969	825,8817749	174970,3906	825,3491211
08-01-2021 0:00	7:06:43	223381,3594	826,0627441	175708,7344	825,107605
08-01-2021 0:00	7:06:48	222489,6406	825,8711548	175038,9688	825,2487183
08-01-2021 0:00	7:06:53	222872,6094	826,1799927	175555,9063	825,0516357
08-01-2021 0:00	7:06:58	222323,4219	825,8965454	174697,3438	825,2849731
08-01-2021 0:00	7:07:03	222860,2813	826,0881348	175235,0313	825,043457
08-01-2021 0:00	7:07:08	222237,9531	825,8612671	174565,2188	825,2297363
08-01-2021 0:00	7:07:13	222826,6563	825,9881592	175413,25	825,2929077
08-01-2021 0:00	7:07:18	221938,9219	825,9127808	174511,25	825,2595825
08-01-2021 0:00	7:07:23	222026,4375	825,9127808	174702,5781	825,2595825
08-01-2021 0:00	7:07:28	222792,6719	825,9433594	175078,1406	825,2976074
08-01-2021 0:00	7:07:33	222627,8594	825,8427124	174461,9219	825,2744141
08-01-2021 0:00	7:07:38	222836,25	825,9598389	174895,5938	825,2744141
08-01-2021 0:00	7:07:43	222549,7969	825,9598389	174656,4219	825,255188
08-01-2021 0:00	7:07:48	222989,9531	825,9300537	174979,6406	825,3114014
08-01-2021 0:00	7:07:53	222604,7188	825,9417725	174748,5625	825,2721558
08-01-2021 0:00	7:07:58	223119,2188	825,9417725	175375,2344	825,2721558
08-01-2021 0:00	7:08:03	222402,1563	826,1757813	174657,6406	825,0075073
08-01-2021 0:00	7:08:08	222506,75	825,9534912	174894,7656	825,2631836
08-01-2021 0:00	7:08:13	222133	825,9178467	174593,75	825,3312378
08-01-2021 0:00	7:08:18	223425,1563	825,9178467	175716,125	825,3312378
08-01-2021 0:00	7:08:23	222515,5625	826,1080322	174998,5313	824,9823608
08-01-2021 0:00	7:08:28	222800,375	825,9295044	175083,5313	825,2756348
08-01-2021 0:00	7:08:33	222423,1563	825,9069824	174804,5625	825,2366333
08-01-2021 0:00	7:08:38	222706,6875	825,9069824	175074,1875	825,2366333
08-01-2021 0:00	7:08:43	222180,0313	825,9204102	174500,0938	825,321106
08-01-2021 0:00	7:08:48	223283,8594	825,9107666	175521,8438	825,2421265
08-01-2021 0:00	7:08:53	222748,0781	825,9456177	174898,2188	825,2421265
08-01-2021 0:00	7:08:58	222468,375	825,9456177	174706,7969	825,2466431
08-01-2021 0:00	7:09:03	223280,875	825,9182129	175413,2344	825,300354
08-01-2021 0:00	7:09:08	222422,5	825,9068604	174611,3906	825,2489014
08-01-2021 0:00	7:09:13	222656,125	825,9068604	175031,9219	825,2489014
08-01-2021 0:00	7:09:18	222511,5625	825,9281616	174697,0781	825,2974854
08-01-2021 0:00	7:09:23	223047,5	825,8931885	174941,3906	825,2728882
08-01-2021 0:00	7:09:28	222800,4219	825,9202881	174982,25	825,31427
08-01-2021 0:00	7:09:33	222323,6563	825,9202881	174599,5313	825,31427
08-01-2021 0:00	7:09:38	223569,5313	825,913208	175849,3594	825,28125
08-01-2021 0:00	7:09:43	222950,9219	825,9024048	175185,7656	825,2595825
08-01-2021 0:00	7:09:48	222230,0938	825,9141846	174700,625	825,2595825
08-01-2021 0:00	7:09:53	222804,6875	826,1057739	175035,5	825,0509033
08-01-2021 0:00	7:09:58	223118,8438	825,9775391	175509,9531	825,3110962
08-01-2021 0:00	7:10:03	222744,2969	826,1516724	174986,7344	825,0550537
08-01-2021 0:00	7:10:08	222846,6406	825,9612427	175080,2656	825,2965088
08-01-2021 0:00	7:10:13	222463,5625	826,1266479	174986,0625	825,0693359
08-01-2021 0:00	7:10:18	222835,7031	825,9806519	175223,1563	825,324707
08-01-2021 0:00	7:10:23	222499,3438	825,9860229	174897,875	825,2744141
08-01-2021 0:00	7:10:28	222991,4063	825,9860229	175416,1094	825,2744141
08-01-2021 0:00	7:10:33	222512,6563	825,9345703	174842,0625	825,3131714
08-01-2021 0:00	7:10:38	222512,2188	825,9362793	174931,5156	825,3432617
08-01-2021 0:00	7:10:43	222187,0313	826,0952759	174558,7188	825,0539551
08-01-2021 0:00	7:10:48	222281,7344	825,9056396	174691,75	825,2952881
08-01-2021 0:00	7:10:53	222999,7656	826,1011963	175266,6563	825,1045532
08-01-2021 0:00	7:10:58	222648,8281	825,9735107	174841,7188	825,3227539
08-01-2021 0:00	7:11:03	221941,6719	826,1220703	174462,8906	825,0812988
08-01-2021 0:00	7:11:08	222707,5469	825,9326172	175084,7813	825,303833
08-01-2021 0:00	7:11:13	222421,5313	826,1221924	174456,8125	825,0917969
08-01-2021 0:00	7:11:18	222738,8281	826,0009766	174939,7031	825,3112793
08-01-2021 0:00	7:11:23	222659,7188	826,0009766	174593,4531	825,3112793
08-01-2021 0:00	7:11:28	222994,6094	825,9376221	175167,4375	825,3669434

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	Consumo [l/h]
		222.721	825,99	174.986	825,27	47.735
	PROMEDIO					
	DESV EST	411,49	0,11	404,73	0,12	184,56
	% DESV EST	0,1848%	0,0130%	0,2313%	0,0147%	0,3866%
	DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]		l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	7:11:33	222526,3438	825,9017334	174610,0625	825,2863159	47916,28125
08-01-2021 0:00	7:11:38	223418,6406	825,9682617	175753,6563	825,3120117	47664,98438
08-01-2021 0:00	7:11:43	222953,4219	825,9682617	175323,9375	825,3120117	47629,48438
08-01-2021 0:00	7:11:48	222522,5781	825,9176025	174841,1094	825,333252	47681,46875
08-01-2021 0:00	7:11:53	222748,0313	825,9697266	175173,5781	825,3448486	47574,45313
08-01-2021 0:00	7:11:58	222705	825,9509888	175278,7031	825,3448486	47426,29688
08-01-2021 0:00	7:12:03	222467,2656	826,1409302	175183,7969	825,0581055	47283,46875
08-01-2021 0:00	7:12:08	222368,9531	825,9603882	174992,3281	825,2960205	47376,625
08-01-2021 0:00	7:12:13	222373,3125	825,9437256	174704,125	825,3016357	47669,1875
08-01-2021 0:00	7:12:18	222756,6094	825,9437256	174845,7344	825,3016357	47910,875
08-01-2021 0:00	7:12:23	222565,0781	826,1325684	174607,2813	825,0698242	47957,79688
08-01-2021 0:00	7:12:28	223140,2656	825,9408569	175382,4063	825,2680054	47757,85938
08-01-2021 0:00	7:12:33	222938,7969	826,1651611	175228,7344	825,0761719	47710,0625
08-01-2021 0:00	7:12:38	222272,375	825,9776001	174617,5781	825,3171387	47654,79688
08-01-2021 0:00	7:12:43	223086,5938	825,9631958	175478,75	825,2685547	47607,84375
08-01-2021 0:00	7:12:48	222813,8438	825,9131438	175043,2813	825,2921143	47770,5625
08-01-2021 0:00	7:12:53	222622,3594	825,913269	174723,5781	825,22229	47898,78125
08-01-2021 0:00	7:12:58	222858,1719	825,913269	175032,3281	825,22229	47825,84375
08-01-2021 0:00	7:13:03	223795,5469	826,1156616	174458,3438	825,107605	47921,20313
08-01-2021 0:00	7:13:08	222956,4531	825,9180908	175222,625	825,3577881	47733,82813
08-01-2021 0:00	7:13:13	223296,2813	825,9005127	175517,5469	825,3577881	47778,73438
08-01-2021 0:00	7:13:18	223191,7656	825,9005127	175565,2813	825,3237305	47626,48438
08-01-2021 0:00	7:13:23	222952,5313	826,1208496	175087,4531	825,0801392	47865,07813
08-01-2021 0:00	7:13:28	222853,9844	825,9465332	175189,9063	825,2886353	47664,07813
08-01-2021 0:00	7:13:33	222464,6406	825,9465332	174958,5469	825,2886353	47506,09375
08-01-2021 0:00	7:13:38	222895,5469	825,9782104	175389,9375	825,2506714	47505,60938
08-01-2021 0:00	7:13:43	222215,25	826,0164185	174667,1094	825,279541	47548,14063
08-01-2021 0:00	7:13:48	223150,0469	825,9222412	175664,3438	825,3153687	47485,70313
08-01-2021 0:00	7:13:53	222613,1563	825,9222412	175043,2031	825,3153687	47569,95313
08-01-2021 0:00	7:13:58	222517,9219	825,9608765	174943,0469	825,3369751	47574,875
08-01-2021 0:00	7:14:03	222381,5781	826,1257935	174798,4375	825,1013184	47583,14063
08-01-2021 0:00	7:14:08	223294,5156	825,9244385	175723,3125	825,3422241	47571,20313
08-01-2021 0:00	7:14:13	223006,75	826,1126099	175244,8906	825,0247192	47761,85938
08-01-2021 0:00	7:14:18	223276,3281	825,9563599	174610,7188	825,3244019	47765,60938
08-01-2021 0:00	7:14:23	222622,7188	825,9301758	175035,1719	825,3505249	47587,54688
08-01-2021 0:00	7:14:28	222199,4375	825,9301758	174524,5781	825,3505249	47674,85938
08-01-2021 0:00	7:14:33	222822,5469	825,9023438	175145,7656	825,2783203	47676,78125
08-01-2021 0:00	7:14:38	221849,1563	825,961792	174320,0469	825,3388062	47529,10938
08-01-2021 0:00	7:14:43	22374,5156	826,1548462	174798,3281	825,0981445	47576,1875
08-01-2021 0:00	7:14:48	222036,5313	825,9656982	174229,5313	825,3392334	47807
08-01-2021 0:00	7:14:53	223234,7344	825,9777832	174612,2344	825,3171387	47712,5
08-01-2021 0:00	7:14:58	223145,6875	825,9508667	175377,625	825,3215332	47768,0625
08-01-2021 0:00	7:15:03	222710,25	825,9763184	174937,9063	825,3215332	47772,34375
08-01-2021 0:00	7:15:08	222522,3438	825,9763184	174800,7344	825,3659668	47721,60938
08-01-2021 0:00	7:15:13	222282,6719	825,9667358	174513,7188	825,3349609	47768,95313
08-01-2021 0:00	7:15:18	223388,9063	825,9440308	175708,0313	825,3468628	47680,875
08-01-2021 0:00	7:15:23	223037,2656	826,132019	175433,6094	825,105957	47603,65625
08-01-2021 0:00	7:15:28	222032,0313	826,0054321	174381,125	825,2895508	47650,90625
08-01-2021 0:00	7:15:33	223326,9219	825,9971924	175527,0313	825,3007813	47799,89063
08-01-2021 0:00	7:15:38	222862,4531	825,9419556	175097,1563	825,2971802	47765,29688
08-01-2021 0:00	7:15:43	222529,0469	825,9419556	174665,8281	825,2971802	47863,21875
08-01-2021 0:00	7:15:48	223056,0625	825,9368286	175284,9375	825,3147583	47771,125
08-01-2021 0:00	7:15:53	222430,8594	825,9474487	174559,2031	825,3540039	47871,65625
08-01-2021 0:00	7:15:58	222807,6719	825,9702759	175050,6719	825,2905884	47757
08-01-2021 0:00	7:16:03	222281,2969	825,9702759	174572,2344	825,2905884	47709,0625
08-01-2021 0:00	7:16:08	223347,3281	825,9232788	175715,1563	825,3165283	47632,17188
08-01-2021 0:00	7:16:13	222663,125	825,9764404	175037,6406	825,3538818	47625,48438
08-01-2021 0:00	7:16:18	222316,7813	825,9764404	174665,4375	825,3538818	47651,34375
08-01-2021 0:00	7:16:23	223130,25	826,0234985	175766,5938	825,3026733	47363,65625
08-01-2021 0:00	7:16:28	222332,0469	825,9606323	174759,1094	825,312561	47572,9375
08-01-2021 0:00	7:16:33	222230,7031	826,1732788	174516,2969	825,0927124	47714,40625
08-01-2021 0:00	7:16:38	222430,7031	825,9833374	174280,5	825,3337402	48150,20313
08-01-2021 0:00	7:16:43	223100,6406	825,9515991	175428,6719	825,321106	47671,96875
08-01-2021 0:00	7:16:48	222288,5156	825,9517822	174514,9844	825,3441772	47773,53125
08-01-2021 0:00	7:16:53	222472,4688	825,9820557	174706,0469	825,3496704	47766,42188
08-01-2021 0:00	7:16:58	222855,6875	825,9820557	174951,9844	825,3496704	47903,70313
08-01-2021 0:00	7:17:03	222425,7813	825,9810181	174521,375	825,3169556	47904,40625
08-01-2021 0:00	7:17:08	222660,1875	826	175048,375	825,3134155	47611,8125
08-01-2021 0:00	7:17:13	222193,3438	825,9551392	174606,1875	825,3134155	47587,15625
08-01-2021 0:00	7:17:18	223147,8438	825,9551392	175563,0625	825,3694458	47584,78125
08-01-2021 0:00	7:17:23	222621,1875	825,965271	174905,5469	825,3101807	47715,64063
08-01-2021 0:00	7:17:28	223396,5781	825,9308472	175533,2813	825,2861938	47863,29688
08-01-2021 0:00	7:17:33	223013,9063	825,9308472	175227,6875	825,2861938	47786,21875
08-01-2021 0:00	7:17:38	222343,9844	825,932312	174557,9531	825,3751831	47786,03125
08-01-2021 0:00	7:17:43	223435,3281	826,1603394	175861,4063	825,081604	47573,92188
08-01-2021 0:00	7:17:48	222766,9219	825,9613647	175004,8594	825,2998047	47762,0625
08-01-2021 0:00	7:17:53	222272,8125	825,9613647	174574,2813	825,2998047	47698,53125
08-01-2021 0:00	7:17:58	222704,3438	826,020752	175192,2969	825,3187256	47512,04688
08-01-2021 0:00	7:18:03	222292,9531	826,1375122	174658,2344	825,1196289	47634,71875
08-01-2021 0:00	7:18:08	222244,0781	825,9474487	174619,3281	825,3603516	47624,75
08-01-2021 0:00	7:18:13	222292,2344	826,138855	174619,2656	825,0770264	47672,96875
08-01-2021 0:00	7:18:18	222661,7344	826,0011597	174994,8281	825,352417	47666,90625
08-01-2021 0:00	7:18:23	222147,4219	826,1381226	174476,8906	825,0714722	47670,53125
08-01-2021 0:00	7:18:28	223159,8438	825,9473267	175235,2188	825,3120117	47924,625
08-01-2021 0:00	7:18:33	222155,2344	825,921936	174518,4375	825,3464355	47636,79688
08-01-2021 0:00	7:18:38	222534,25	825,9366455	175003,0781	825,3163452	47531,17188
08-01-2021 0:00	7:18:43	222089,1094	825,991394	174427,9688	825,321106	47661,14063
08-01-2021 0:00	7:18:48	222811,7031	825,991394	174945,8438	825,321106	47865,85938
08-01-2021 0:00	7:18:53	222428,9844	826,1660767	174515,2656	825,1251221	47913,71875
08-01-2021 0:00	7:18:58	223111,2344	825,9349365	175292,1563	825,3104248	47819,07813
08-01-2021 0:00	7:19:03	222429,3125	826,1726685	174524,2344	825,0814209	47905,07813
08-01-2021 0:00	7:19:08	222999,8906	825,9820557	175387,9375	825,3218994	47611,95313
08-01-2021 0:00	7:19:13	222378,4375	826,1883545	174718,125	825,069458	47660,3125
08-01-2021 0:00	7:19:18	222106,3906	825,9405518	174522,125		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.721	825,99	174.986	825,27	47.735	
DESV EST	411,49	0,11	404,73	0,12	184,56	
% DESV EST	0,1848%	0,0130%	0,2313%	0,0147%	0,3866%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	7:20:23	223549,0313	825,9377441	175719,875	825,3428345	47829,15625
08-01-2021 0:00	7:20:28	222492,375	825,9498291	174860,5781	825,3339233	47631,79688
08-01-2021 0:00	7:20:33	222148,4844	826,1708374	174430,2344	825,0927734	47718,25
08-01-2021 0:00	7:20:38	222435,3438	825,9810181	174573,1094	825,3331299	47862,23438
08-01-2021 0:00	7:20:43	222388,6563	826,1737671	174716,6875	825,0991821	47671,96875
08-01-2021 0:00	7:20:48	222302,8281	825,9476929	174486,3438	825,2963867	47816,48438
08-01-2021 0:00	7:20:53	222732,2031	826,1465454	175151,6406	825,078186	47580,5625
08-01-2021 0:00	7:20:58	222052,6406	825,9543457	174423	825,3184204	47629,64063
08-01-2021 0:00	7:21:03	222003,8594	826,1825562	174423,0313	825,1311646	47580,82813
08-01-2021 0:00	7:21:08	222541,0313	825,9522095	174947,375	825,3771973	47593,65625
08-01-2021 0:00	7:21:13	222720,4375	826,1876831	174860,4531	825,1370239	47859,98438
08-01-2021 0:00	7:21:18	222333,5938	825,9973755	174629,4063	825,3422852	47704,1875
08-01-2021 0:00	7:21:23	222429,2344	826,0165405	174725,8438	825,3028564	47703,39063
08-01-2021 0:00	7:21:28	222768,1563	826,0058594	175148,6875	825,3403931	47619,46875
08-01-2021 0:00	7:21:33	222338,5625	826,196106	174520,7188	825,1000366	47817,84375
08-01-2021 0:00	7:21:38	222771,3906	826,0011597	175047	825,3696289	47724,39063
08-01-2021 0:00	7:21:43	222244,6094	825,9987793	174521,0938	825,3677979	47723,51563
08-01-2021 0:00	7:21:48	222919,875	825,9793091	175151,75	825,3259277	47768,125
08-01-2021 0:00	7:21:53	222505,875	826,1697388	174673,2344	825,0857544	47832,64063
08-01-2021 0:00	7:21:58	223224,1094	825,9152832	175440,875	825,3156128	47783,23438
08-01-2021 0:00	7:22:03	222816,9219	826,0067749	174954,1875	825,3630371	47862,73438
08-01-2021 0:00	7:22:08	222716,3906	826,0264893	175054,625	825,3363647	47661,76563
08-01-2021 0:00	7:22:13	222430,4688	826,0264893	174815,3594	825,3363647	47615,10938
08-01-2021 0:00	7:22:18	223113,7813	825,9818115	175492,7813	825,2996826	47621
08-01-2021 0:00	7:22:23	222631,7031	825,9928589	175005,8906	825,3405151	47625,8125
08-01-2021 0:00	7:22:28	222021,5781	825,9473267	174379,4219	825,3405151	47642,15625
08-01-2021 0:00	7:22:33	222739,8438	826,1382446	175240,5938	825,1260376	47499,25
08-01-2021 0:00	7:22:38	222191,1094	826,0036621	174191,3594	825,3500366	47719,75
08-01-2021 0:00	7:22:43	222170,2031	826,1199341	174438,2656	825,072876	47731,9375
08-01-2021 0:00	7:22:48	223194,4844	825,9283447	175346,1875	825,3131104	47848,29688
08-01-2021 0:00	7:22:53	222667,8281	826,0386963	174869,3594	825,3182373	47798,46875
08-01-2021 0:00	7:22:58	222638,375	825,9768066	174810,2031	825,37323	47828,17188
08-01-2021 0:00	7:23:03	223021,3281	825,9803467	175195,0156	825,3591919	47826,3125
08-01-2021 0:00	7:23:08	222055,875	825,9803467	174427,0625	825,3591919	47628,8125
08-01-2021 0:00	7:23:13	222679,0156	826,0111694	175049,7969	825,3711548	47629,21875
08-01-2021 0:00	7:23:18	222003,6094	826,0353394	174281,5781	825,3805542	47722,03125
08-01-2021 0:00	7:23:23	223591,7813	826,0031128	175770,7031	825,3805542	47821,07813
08-01-2021 0:00	7:23:28	222260,9844	826,0031128	174726,5625	825,3554077	47534,42188
08-01-2021 0:00	7:23:33	222213,6563	826,1585083	174343,8594	825,0749512	47869,9688
08-01-2021 0:00	7:23:38	222773,6563	826,0231323	174865,3438	825,3414307	47908,3125
08-01-2021 0:00	7:23:43	222398,0469	826,2148438	174629,2969	825,1015105	47768,75
08-01-2021 0:00	7:23:48	222445,4063	825,9963989	174820,6406	825,3296509	47624,76563
08-01-2021 0:00	7:23:53	222114,0156	825,9832153	174528,1406	825,3560791	47585,875
08-01-2021 0:00	7:23:58	222980,75	825,963562	175117,9688	825,2843018	47862,78125
08-01-2021 0:00	7:24:03	222442,6563	826,1535034	174543,7656	825,0444946	47898,89063
08-01-2021 0:00	7:24:08	222586,7656	826,0112915	174628,1875	825,3390503	47958,57813
08-01-2021 0:00	7:24:13	223306,8281	826,00354	175397,5781	825,3204346	47909,25
08-01-2021 0:00	7:24:18	223160,5625	826,0129995	175200,5469	825,3474731	47960,01563
08-01-2021 0:00	7:24:23	222490,1719	826,0129995	174626,4844	825,3474731	47863,6875
08-01-2021 0:00	7:24:28	222965,7188	826,0264282	175197,9844	825,3600464	47767,73438
08-01-2021 0:00	7:24:33	222594,5313	825,9811401	174671,15	825,361145	47923,03125
08-01-2021 0:00	7:24:38	222646,5313	825,9706421	174873,0313	825,361145	47773,5
08-01-2021 0:00	7:24:43	223268,7344	826,1644287	175447,1719	825,0721436	47821,5625
08-01-2021 0:00	7:24:48	222497,4375	825,9906616	174813,6719	825,371582	47683,76563
08-01-2021 0:00	7:24:53	222792,5156	826,1549072	174963,1563	825,1029663	47829,35938
08-01-2021 0:00	7:24:58	223408,7344	825,9611206	175620,4063	825,3427734	47788,32813
08-01-2021 0:00	7:25:03	222833,8906	826,1833496	175142,8125	825,1707764	47691,07813
08-01-2021 0:00	7:25:08	221969,5938	826,0015869	174256,2188	825,2981567	47713,375
08-01-2021 0:00	7:25:13	222497,6406	826,1877441	174863,6094	825,1286011	47634,03125
08-01-2021 0:00	7:25:18	221829,8594	825,9960327	174241,3906	825,3685303	47588,46875
08-01-2021 0:00	7:25:23	222117,3438	825,9854126	174337,0938	825,369751	47780,25
08-01-2021 0:00	7:25:28	223165,9063	826,0026245	175244,5625	825,3773804	47921,34375
08-01-2021 0:00	7:25:33	222531,1094	826,0496826	174816,2188	825,3773804	47714,89063
08-01-2021 0:00	7:25:38	222728,3281	826,0496826	174865,6719	825,3665771	47862,65625
08-01-2021 0:00	7:25:43	223350,7188	826,0253906	175003,3438	825,3948975	48347,375
08-01-2021 0:00	7:25:48	222149,9844	826,0404053	174395,0938	825,3283081	47754,89063
08-01-2021 0:00	7:25:53	222952,9375	826,2329102	175201,7969	825,088501	47751,14063
08-01-2021 0:00	7:25:58	222331,5313	826,0825195	174628,4844	825,3606567	47703,04688
08-01-2021 0:00	7:26:03	223120,9531	826,1835938	175445,3281	825,1039429	47675,625
08-01-2021 0:00	7:26:08	222400,1875	826,0023193	174725,5469	825,354126	47674,64063
08-01-2021 0:00	7:26:13	222297,75	826,0023193	174677,6875	825,354126	47620,0625
08-01-2021 0:00	7:26:18	223351,3906	826,0279541	175537,1875	825,3624268	47814,20313
08-01-2021 0:00	7:26:23	223504,9063	825,9899292	175774,7969	825,3699951	47730,10938
08-01-2021 0:00	7:26:28	222486,9844	826,0371704	174721	825,3760376	47765,98438
08-01-2021 0:00	7:26:33	222822,2969	826,230957	175200,0938	825,1362305	47622,20313
08-01-2021 0:00	7:26:38	222010,375	826,0283813	174582,6094	825,3544922	47427,76563
08-01-2021 0:00	7:26:43	222978,5469	826,1782227	175440,7344	825,1335449	47537,8125
08-01-2021 0:00	7:26:48	222305,4063	825,9985962	174870,1094	825,3733521	47435,29688
08-01-2021 0:00	7:26:53	222592,8281	825,9985962	174870,0625	825,3562622	47722,76563
08-01-2021 0:00	7:26:58	222726,625	826,0388184	175105,6875	825,3737793	47620,9375
08-01-2021 0:00	7:27:03	222352,125	826,0078735	174346,1563	825,348938	48005,96875
08-01-2021 0:00	7:27:08	223008,625	826,0078735	175155,0781	825,348938	47853,54688
08-01-2021 0:00	7:27:13	222480,9219	826,0592041	174485,2813	825,3703003	47995,64063
08-01-2021 0:00	7:27:18	222730,5313	826,0205078	175025,375	825,3033447	47705,15625
08-01-2021 0:00	7:27:23	222253,5781	826,2103882	174485,1406	825,1347656	47768,4375
08-01-2021 0:00	7:27:28	223222,3281	826,0183716	175433,6094	825,3745117	47788,71875
08-01-2021 0:00	7:27:33	222887,1875	825,9741211	174763,7656	825,4152832	48123,42188
08-01-2021 0:00	7:27:38	223421,7188	825,9574585	175579,3438	825,404541	47842,375
08-01-2021 0:00	7:27:43	223396,2656	826,0603638	175591,3125	825,404541	47804,95313
08-01-2021 0:00	7:27:48	222638,7969	826,0603638	174730,125	825,3466797	47908,67188
08-01-2021 0:00	7:27:53	222830,3281	826,2225342	175300,9688	825,1268311	47529,35938
08-01-2021 0:00	7:27:58	222200,875	826,0544434	174441,6563	825,3534546	47759,21875
08-01-2021 0:00	7:28:03	223368,3906	826,0544434	175696,2656	825,3534546	47672,125
08-01-2021 0:00	7:28:08	222649,8906	825,9855347	175075,0156	825,3022461	47574,875
08-01-2021 0:00	7:28:13	222263,5625	825,9924316			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

	FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]	
	ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]		
PROMEDIO	222.721	825,99	174.986	825,27	47.735	
DESV EST	411,49	0,11	404,73	0,12	184,56	
% DESV EST	0,1848%	0,0130%	0,2313%	0,0147%	0,3866%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	7:29:13	222976,2188	826,2144165	175310,5156	825,0923462	47665,70313
08-01-2021 0:00	7:29:18	222251,4219	826,0209351	174770,6094	825,331604	47480,81225
08-01-2021 0:00	7:29:23	223352,2656	826,2376099	175871,8594	825,1584473	47480,40625
08-01-2021 0:00	7:29:28	222303,875	826,0302124	174769,1719	825,4080811	47534,70313
08-01-2021 0:00	7:29:33	222639,6719	826,02948	175187,3281	825,4681396	47452,34375
08-01-2021 0:00	7:29:38	222748,0156	826,02948	175112,7969	825,4681396	47635,21875
08-01-2021 0:00	7:29:43	222556,8594	825,9801025	174682,1875	825,369873	47874,67188
08-01-2021 0:00	7:29:48	222725,25	826,0720215	175115,6563	825,3601074	47609,59375
08-01-2021 0:00	7:29:53	221727,9063	826,0447998	174301,4063	825,3601074	47426,5
08-01-2021 0:00	7:29:58	222356,5938	826,0447998	174875,5625	825,368103	47481,03125
08-01-2021 0:00	7:30:03	222069,6406	826,0197144	174339,5938	825,4185181	47730,04688
08-01-2021 0:00	7:30:08	222969,75	826,0581055	175107	825,4094849	47862,75
08-01-2021 0:00	7:30:13	222240,1406	826,2477417	174631,6563	825,1699219	47608,48438
08-01-2021 0:00	7:30:18	222910,6563	826,1012573	175301,5469	825,3978882	47609,10938
08-01-2021 0:00	7:30:23	222784,4063	826,2260742	174777,2969	825,1483765	48007,10938
08-01-2021 0:00	7:30:28	222933,1875	826,0180664	175204,7188	825,4074097	47728,46875
08-01-2021 0:00	7:30:33	223069,5625	826,2107544	175262,7031	825,1682739	47806,85938
08-01-2021 0:00	7:30:38	222400,5	826,0445557	174689,3594	825,3582153	47711,14063
08-01-2021 0:00	7:30:43	223212,9531	826,0488892	175547,9531	825,3709717	47665
08-01-2021 0:00	7:30:48	222360,5469	826,0133667	174742,8594	825,3264771	47617,6875
08-01-2021 0:00	7:30:53	223210,3594	826,2074585	175747,7969	825,0872803	47462,5625
08-01-2021 0:00	7:30:58	222300,5313	826,0592041	174786,2969	825,3482666	47514,23438
08-01-2021 0:00	7:31:03	222495,5625	826,2387085	175205,0156	825,1665039	47290,54688
08-01-2021 0:00	7:31:08	222400	826,0460205	174914,7969	825,4059448	47485,20313
08-01-2021 0:00	7:31:13	222783,2656	826,2387085	175010,5156	825,1858521	47772,75
08-01-2021 0:00	7:31:18	223068,2031	826,0517578	175602,7031	825,3413696	47465,5
08-01-2021 0:00	7:31:23	222603,9063	825,9973145	174781,1094	825,3809204	47822,79688
08-01-2021 0:00	7:31:28	222509,4688	825,9973145	174645,9063	825,3809204	47863,5625
08-01-2021 0:00	7:31:33	222366,0469	826,1898193	174455,2656	825,1011353	47910,78125
08-01-2021 0:00	7:31:38	222889,8438	826,0078735	175069,0469	825,3804932	47820,79688
08-01-2021 0:00	7:31:43	222349,2031	826,2529907	174527,3594	825,2119751	47821,84375
08-01-2021 0:00	7:31:48	223085,0469	826,0603638	175265,6719	825,4511108	47819,375
08-01-2021 0:00	7:31:53	222511,4844	826,1863403	174739,3438	825,1158447	47772,14063
08-01-2021 0:00	7:31:58	222706,3594	825,9880981	174970,7344	825,3931274	47735,625
08-01-2021 0:00	7:32:03	222645,4531	826,0410156	174683,7813	825,3931274	47961,67188
08-01-2021 0:00	7:32:08	222361,4531	826,0410156	174593,9844	825,3928833	47767,46875
08-01-2021 0:00	7:32:13	222121,8906	826,0292969	174354,7344	825,3640747	47767,15625
08-01-2021 0:00	7:32:18	222502,8281	826,0374146	174586,2344	825,4053955	47916,59375
08-01-2021 0:00	7:32:23	222494,0313	826,2299194	174723,4375	825,1661377	47770,59375
08-01-2021 0:00	7:32:28	222686,5781	826,0704956	174676,2969	825,4325562	48010,28125
08-01-2021 0:00	7:32:33	222197,5156	826,303772	174346,3594	825,1732178	47851,15625
08-01-2021 0:00	7:32:38	223025,375	826,0564575	174924,1875	825,3946533	48101,1875
08-01-2021 0:00	7:32:43	222652,7344	826,0564575	174684,9531	825,3946533	47967,78125
08-01-2021 0:00	7:32:48	223658,2188	826,0140381	175638,5	825,4110718	48019,71875
08-01-2021 0:00	7:32:53	223078,0938	826,0352783	175017,4688	825,40271	48060,625
08-01-2021 0:00	7:32:58	222653,2188	826,012146	175212,375	825,40271	47440,84375
08-01-2021 0:00	7:33:03	223132,0625	826,2038574	175356,6563	825,1506958	47775,40625
08-01-2021 0:00	7:33:08	222413,9063	826,0117188	174492,9219	825,4014893	47920,98438
08-01-2021 0:00	7:33:13	223600,6875	826,0474243	175883,6094	825,3867188	47717,07813
08-01-2021 0:00	7:33:18	222992,9219	826,0474243	175157,1406	825,3867188	47835,78125
08-01-2021 0:00	7:33:23	223222,8594	825,9909058	174582,2188	825,432373	47740,64063
08-01-2021 0:00	7:33:28	222994,2813	825,9840698	175494,25	825,4182129	47500,03125
08-01-2021 0:00	7:33:33	222397,1406	826,0705566	174823,7188	825,4249878	47573,42188
08-01-2021 0:00	7:33:38	222256,9688	826,0705566	174926,9844	825,4249878	47329,98438
08-01-2021 0:00	7:33:43	222735,5156	826,0576172	175070,5781	825,3883667	47664,9375
08-01-2021 0:00	7:33:48	221945,1719	825,9677734	174164,2969	825,3744507	47780,875
08-01-2021 0:00	7:33:53	222564,0156	825,9825439	174871,7344	825,3744507	47692,28125
08-01-2021 0:00	7:33:58	222231,3125	825,9825439	174394,9531	825,4243774	47836,35938
08-01-2021 0:00	7:34:03	223285,5469	825,9855957	175400,5781	825,4161377	47884,96875
08-01-2021 0:00	7:34:08	222601,1406	826,0388794	174539,4063	825,4194336	48061,73438
08-01-2021 0:00	7:34:13	222547,1719	826,0388794	174972,3906	825,4194336	47574,78125
08-01-2021 0:00	7:34:18	222691,9219	826,0625	174733,1406	825,4083252	47958,78125
08-01-2021 0:00	7:34:23	222657,8438	826,013916	174787,4063	825,371362	47870,4375
08-01-2021 0:00	7:34:28	223039,7344	826,0206299	175168,3438	825,3861084	47871,39063
08-01-2021 0:00	7:34:33	222587,2813	826,0206299	174689,75	825,3861084	47897,53125
08-01-2021 0:00	7:34:38	223018,5469	826,098938	175168,2656	825,3867798	47850,28125
08-01-2021 0:00	7:34:43	222499,7031	826,2619019	174921,3906	825,1848755	47578,3125
08-01-2021 0:00	7:34:48	223759,5469	826,0163574	175443,0469	825,446167	47836,5
08-01-2021 0:00	7:34:53	222848,7656	826,2084961	174965,2969	825,2072754	47883,46875
08-01-2021 0:00	7:34:58	223418,0313	826,0359497	175545,6094	825,416748	47872,42188
08-01-2021 0:00	7:35:03	222937,7656	826,0410767	175270,9531	825,3569336	47666,8125
08-01-2021 0:00	7:35:08	222078,8281	826,0410767	174591,8906	825,3569336	47486,9375
08-01-2021 0:00	7:35:13	222940,4063	826,2237549	175261,7188	825,1627197	47678,6875
08-01-2021 0:00	7:35:18	222032,0156	826,0251465	174301,375	825,4214478	47730,64063
08-01-2021 0:00	7:35:23	223225,9844	826,0008545	174694,7344	825,3739624	47631,25
08-01-2021 0:00	7:35:28	222777,5156	826,0008545	174963,1719	825,3739624	47814,34375
08-01-2021 0:00	7:35:33	222585,9844	826,1081543	174532,5781	825,4641113	48053,40625
08-01-2021 0:00	7:35:38	223404,9063	826,0892944	175450,1719	825,4228516	47954,73438
08-01-2021 0:00	7:35:43	222610,7031	826,2085571	174787,1875	825,1511841	47823,51563
08-01-2021 0:00	7:35:48	222511,4063	826,0170288	174920,5625	825,3897705	47590,84375
08-01-2021 0:00	7:35:53	222846,5625	826,0316162	175017,0938	825,4387207	47829,46875
08-01-2021 0:00	7:35:58	222262,125	826,0739746	174343,7813	825,4516602	47918,34375
08-01-2021 0:00	7:36:03	223562,2188	826,2396851	175646,625	825,2130127	47915,59375
08-01-2021 0:00	7:36:08	222943,4531	826,0457153	175031,2969	825,3984375	47912,15625
08-01-2021 0:00	7:36:13	222705,2656	826,0358887	174935,5938	825,3699951	47769,67188
08-01-2021 0:00	7:36:18	222654	826,0488281	174878,2969	825,4158936	47775,70313
08-01-2021 0:00	7:36:23	222747,1406	826,0488281	175123,2188	825,4158936	47623,92188
08-01-2021 0:00	7:36:28	223130,6875	826,0623779	175410,3438	825,3881836	47720,34375
08-01-2021 0:00	7:36:33	222567,25	826,213501	174776,6406	825,2061768	47790,60938
08-01-2021 0:00	7:36:38	223466,7031	826,0591431	175657,25	825,3512573	47809,45313
08-01-2021 0:00	7:36:43	222652,6406	826,0591431	174925,0781	825,3512573	47727,5625
08-01-2021 0:00	7:36:48	223226,6563	826,0588739	175834,1875	825,4244995	47392,46875
08-01-2021 0:00	7:36:53	223178,0938	826,0630493	175359,2656	825,4072266	47818,82813
08-01-2021 0:00	7:36:58	222361,6563	826,0727539	174501,2031	825,4072266	47860,45313
08-01-2021 0:00	7:3					

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
255MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	1 ValueY [kg/m3]	
PROMEDIO		222.721	825,99	174.986	825,27	47.735
DESVEST		411,49	0,11	404,73	0,12	184,56
% DESVEST		0,1848%	0,0130%	0,2313%	0,0147%	0,3866%
DATOS		721	721	721	721	721
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	7:38:03	222765,6406	826,006897	174888,4219	825,3781128	47877,21875
08-01-2021 0:00	7:38:08	223732,1094	825,9743652	175782,5938	825,4501343	47949,51563
08-01-2021 0:00	7:38:13	223371,2969	826,0707397	175356,2031	825,4501343	48015,09375
08-01-2021 0:00	7:38:18	222790,5938	826,0707397	175406,8125	825,4336548	47383,78125
08-01-2021 0:00	7:38:23	222886,125	826,0948486	175262,4375	825,4244995	47623,6875
08-01-2021 0:00	7:38:28	222522,2969	826,0252075	175542,25	825,4597168	46980,04688
08-01-2021 0:00	7:38:33	222761,7031	826,0252075	175318,5313	825,4597168	47443,17188
08-01-2021 0:00	7:38:38	222275,5313	826,0269165	174697,2656	825,3847046	47578,26563
08-01-2021 0:00	7:38:43	222323,6094	826,2476807	174500,0469	825,1743164	47823,5625
08-01-2021 0:00	7:38:48	222754,3281	826,0560913	174877,375	825,4395752	47876,95313
08-01-2021 0:00	7:38:53	222334,2969	826,2489014	174351,0469	825,2007446	47983,25
08-01-2021 0:00	7:38:58	223196,3125	826,0110474	174879,0156	825,4315796	48317,29688
08-01-2021 0:00	7:39:03	222753,2656	826,2521362	174367,9063	825,1192627	48385,35938
08-01-2021 0:00	7:39:08	223282,625	826,0484009	174984,7969	825,3575439	48297,82813
08-01-2021 0:00	7:39:13	222757,0156	826,0484009	174745,4844	825,3865967	48011,53125
08-01-2021 0:00	7:39:18	222474,0938	826,0319214	174650,6719	825,3825684	47823,42188
08-01-2021 0:00	7:39:23	223801,6094	826,2749634	176186,9375	825,119873	47614,67188
08-01-2021 0:00	7:39:28	223193,7344	826,0802002	175326,3125	825,3581543	47867,42188
08-01-2021 0:00	7:39:33	222858,7813	826,0258789	175039,2188	825,3546753	47819,5625
08-01-2021 0:00	7:39:38	222930,0313	826,1186523	175221,1406	825,4041138	47708,89063
08-01-2021 0:00	7:39:43	222985,1563	826,0918579	175304,0781	825,4656372	47681,07813
08-01-2021 0:00	7:39:48	222846,375	826,0918579	175212,7031	825,4656372	47633,67188
08-01-2021 0:00	7:39:53	222942,9375	826,0765381	175499,8438	825,4447632	47443,09375
08-01-2021 0:00	7:39:58	222235,3906	826,0339955	174924,3906	825,4509277	47311
08-01-2021 0:00	7:40:03	222882,9063	826,3149414	175550,1719	825,2127075	47332,73438
08-01-2021 0:00	7:40:08	222426,5156	826,1212158	174983,4063	825,4327393	47443,10938
08-01-2021 0:00	7:40:13	223335,4531	826,0362549	175557,5938	825,3970337	47777,85938
08-01-2021 0:00	7:40:18	222475,3438	826,03302	174650,8438	825,3933105	47824,5
08-01-2021 0:00	7:40:23	222565,8594	826,227417	174884,4063	825,1551514	47681,45313
08-01-2021 0:00	7:40:28	222420,7969	826,0531616	174693,7656	825,4205933	47727,03125
08-01-2021 0:00	7:40:33	222851,8906	826,2529907	175125,8906	825,1751099	47726
08-01-2021 0:00	7:40:38	222314,7656	826,0932617	174311,5469	825,4141846	48003,21875
08-01-2021 0:00	7:40:43	223328,9063	826,0932617	175495,5	825,4141846	47833,40625
08-01-2021 0:00	7:40:48	222706,3594	826,0601196	174682,0938	825,4771729	48024,26563
08-01-2021 0:00	7:40:53	222462,3281	826,0791016	174587,6719	825,4674683	47874,65625
08-01-2021 0:00	7:40:58	223626,2188	826,024292	175804,8594	825,366272	47821,35938
08-01-2021 0:00	7:41:03	223767,4531	826,024292	175949,1719	825,366272	47818,28125
08-01-2021 0:00	7:41:08	222809,5938	826,036499	174989,1875	825,3804321	47820,40625
08-01-2021 0:00	7:41:13	223326,4063	826,2686157	175700,0781	825,1755371	47626,32813
08-01-2021 0:00	7:41:18	223568,8281	826,0657959	175414,5781	825,4136353	48154,25
08-01-2021 0:00	7:41:23	222755,9375	826,0657959	174888,25	825,4093018	47867,6875
08-01-2021 0:00	7:41:28	223424,3438	826,0739136	175412,4375	825,4238281	48011,90625
08-01-2021 0:00	7:41:33	222906,3594	826,0402832	174896,0781	825,3753662	48010,28125
08-01-2021 0:00	7:41:38	223268,2031	826,0402832	175325,6406	825,3753662	47942,5625
08-01-2021 0:00	7:41:43	222789,3281	826,1184692	174990,7969	825,3806152	47798,53125
08-01-2021 0:00	7:41:48	223604,4375	826,1132202	175848,4688	825,3978271	47755,96875
08-01-2021 0:00	7:41:53	222997,2031	826,0548706	175241,5625	825,3287964	47755,64063
08-01-2021 0:00	7:41:58	222465,6875	826,0548706	174657	825,3287964	47808,6875
08-01-2021 0:00	7:42:03	222752,75	826,0747681	174992,0313	825,3781128	47760,71875
08-01-2021 0:00	7:42:08	223272,8594	826,0996094	175553,4844	825,4398193	47719,375
08-01-2021 0:00	7:42:13	222849,0313	826,0722046	175218,4688	825,4398193	47630,5625
08-01-2021 0:00	7:42:18	222847,1406	826,0722046	175278	825,4398193	47569,14063
08-01-2021 0:00	7:42:23	222705,0469	826,2761841	175134,4375	825,149292	47570,60938
08-01-2021 0:00	7:42:28	222599,7188	826,1176758	174929,9531	825,4506226	47669,76563
08-01-2021 0:00	7:42:33	222460,4063	826,1176758	174939,7656	825,4506226	47520,64063
08-01-2021 0:00	7:42:38	222846,5469	826,1018066	175179,0156	825,4031372	47667,53125
08-01-2021 0:00	7:42:43	222655,4844	826,0926514	174988,7344	825,397583	47666,75
08-01-2021 0:00	7:42:48	223416,4844	826,1104126	175561,625	825,4041748	47854,85938
08-01-2021 0:00	7:42:53	223099,0625	826,3037109	175221,4688	825,1663818	47877,59375
08-01-2021 0:00	7:42:58	223290,6563	826,0484009	175652,1875	825,4328003	47638,46875
08-01-2021 0:00	7:43:03	223147,3438	826,0501099	175271	825,4287109	47876,34375
08-01-2021 0:00	7:43:08	222714,9219	826,0670166	175038,125	825,3978271	47676,79688
08-01-2021 0:00	7:43:13	222905,0313	826,0670166	175134,5938	825,3978271	47770,4375
08-01-2021 0:00	7:43:18	223192,5469	826,0726318	175460,6719	825,440918	47731,875
08-01-2021 0:00	7:43:23	223148,2813	826,0544434	175414,375	825,4335327	47733,90625
08-01-2021 0:00	7:43:28	223137,7344	826,0948486	175361,0469	825,4335327	47776,6875
08-01-2021 0:00	7:43:33	223282,2188	826,0948486	175600,3125	825,4638062	47681,90625
08-01-2021 0:00	7:43:38	223008,3281	826,0480957	175170,1406	825,4616699	47838,1875
08-01-2021 0:00	7:43:43	223332,6563	826,0888062	175350,0938	825,5166626	47982,5625
08-01-2021 0:00	7:43:48	223136,875	826,0888062	175365,3594	825,5166626	47771,51563
08-01-2021 0:00	7:43:53	223567,3281	826,1069336	175891,6875	825,4432373	47675,64063
08-01-2021 0:00	7:43:58	222718,8906	826,0548706	174991,7969	825,3983765	47727,09375
08-01-2021 0:00	7:44:03	223346,7344	826,0354614	175548,2969	825,4840088	47798,4375
08-01-2021 0:00	7:44:08	222756,8906	826,0354614	174983,7813	825,4840088	47773,10938
08-01-2021 0:00	7:44:13	222565,6719	826,0960083	174744,5781	825,4408569	47821,09375
08-01-2021 0:00	7:44:18	222995,5625	826,0990601	175325,6563	825,4109497	47669,90625
08-01-2021 0:00	7:44:23	222664,0469	826,0856934	174892,5156	825,4109497	47771,53125
08-01-2021 0:00	7:44:28	223002,4844	826,0856934	175181,1719	825,4232178	47821,3125
08-01-2021 0:00	7:44:33	222907,1406	826,0812988	174989	825,4119873	47918,14063
08-01-2021 0:00	7:44:38	223366,5313	826,1533813	175282,5	825,3884888	48084,03125
08-01-2021 0:00	7:44:43	222751,1875	826,1533813	174942,3594	825,3884888	47808,82813
08-01-2021 0:00	7:44:48	223194,0313	826,1270142	175277,25	825,4135742	47916,78125
08-01-2021 0:00	7:44:53	222859,0156	826,0805664	174859,9375	825,3491211	47999,07813
08-01-2021 0:00	7:44:58	223438,3438	826,067749	175324,2344	825,4181519	48114,10938
08-01-2021 0:00	7:45:03	222764,625	826,067749	174841,0938	825,4181519	47923,53125

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	
PROMEDIO		223.021	826,12	176.835	825,47	46,186
DESV EST		389,94	0,12	390,49	0,12	161,84
% DESV EST		0,1748%	0,0150%	0,2208%	0,0144%	0,3504%
DATOS		721	721	721	721	721
Tiempo [hh:mm:ss]		l/h	kg/m3	l/h	kg/m3	l/h
08:01:2021 0:00	8:00:03	223447,1719	826,1748047	177485,7969	825,550293	45961,375
08:01:2021 0:00	8:00:08	223073,2031	826,1400757	177106,8281	825,5315552	45966,375
08:01:2021 0:00	8:00:13	222929,5781	826,1400757	176771,8594	825,5315552	46157,71875
08:01:2021 0:00	8:00:18	223402,1406	826,1646118	177396,7344	825,5186157	46005,40625
08:01:2021 0:00	8:00:23	222980,3906	826,1292114	177070,0938	825,4822998	45910,29688
08:01:2021 0:00	8:00:28	223363,1875	826,1292114	177497,1875	825,4822998	45866
08:01:2021 0:00	8:00:33	222932,1406	826,3271484	177114,2969	825,2681885	45817,84375
08:01:2021 0:00	8:00:38	223643,9844	826,1549072	177728,7813	825,5441284	45915,20313
08:01:2021 0:00	8:00:43	223112,5938	826,3687744	177056,4375	825,3203125	46056,15625
08:01:2021 0:00	8:00:48	223556,2188	826,1721802	177550,2031	825,555542	46006,01563
08:01:2021 0:00	8:00:53	222982,3281	826,1246338	177071,6094	825,4829102	45910,71875
08:01:2021 0:00	8:00:58	223169,6719	826,1416016	177118,0781	825,489563	46051,59375
08:01:2021 0:00	8:01:03	223079,9219	826,3237305	176876,625	825,2541504	46153,29688
08:01:2021 0:00	8:01:08	223257,5781	826,1268921	177270,5	825,499939	45987,07813
08:01:2021 0:00	8:01:13	222731,7813	826,3688354	176887,625	825,208252	45844,15625
08:01:2021 0:00	8:01:18	223454,2656	826,1546021	177637,1563	825,5209351	45817,10938
08:01:2021 0:00	8:01:23	223117,5156	826,3510742	177107,8906	825,2855225	46009,625
08:01:2021 0:00	8:01:28	223406,5469	826,161499	177353,2656	825,5343018	46053,28125
08:01:2021 0:00	8:01:33	222736,1094	826,3526611	176731,1406	825,2772217	46004,96875
08:01:2021 0:00	8:01:38	223317,125	826,1305542	177053,3281	825,5739136	46263,79688
08:01:2021 0:00	8:01:43	222979,7344	826,3280029	176683,0469	825,3383179	46296,6875
08:01:2021 0:00	8:01:48	223410,9375	826,1387939	177353,9063	825,5171509	46057,03125
08:01:2021 0:00	8:01:53	222976,9844	826,1500854	176773,1563	825,5480957	46203,82813
08:01:2021 0:00	8:01:58	223792,3438	826,1442871	177740,3125	825,5003662	46052,03125
08:01:2021 0:00	8:02:03	223204,7031	826,3405762	177070,3281	825,2649536	46134,375
08:01:2021 0:00	8:02:08	223827,3594	826,1936035	177829,5625	825,531311	45997,79688
08:01:2021 0:00	8:02:13	223268,3438	826,329834	177211,7969	825,2752686	46056,54688
08:01:2021 0:00	8:02:18	222547,5156	826,1499634	176640,0156	825,5101929	45907,5
08:01:2021 0:00	8:02:23	223026,3125	826,1499634	177212,6719	825,5021362	45813,64063
08:01:2021 0:00	8:02:28	222838,3594	826,1372681	176876,9375	825,5136108	45961,42188
08:01:2021 0:00	8:02:33	223166,2656	826,3650513	177168,125	825,258667	45998,14063
08:01:2021 0:00	8:02:38	223350,4219	826,1682739	177207,9375	825,4940796	46142,48438
08:01:2021 0:00	8:02:43	223637,5	826,3937988	177542,9844	825,2974243	46094,51563
08:01:2021 0:00	8:02:48	222849,8281	826,1018066	176858,6875	825,6008301	45991,14063
08:01:2021 0:00	8:02:53	223667,0156	826,2896118	177642,5156	825,2789917	46024,5
08:01:2021 0:00	8:02:58	223223,3125	826,0911865	177249,4688	825,5144043	45973,84375
08:01:2021 0:00	8:03:03	222649,8594	826,333313	176770,8594	825,3280029	45879
08:01:2021 0:00	8:03:08	223328,3281	826,1079102	177107,9375	825,5533447	46220,39063
08:01:2021 0:00	8:03:13	222837,5156	826,3521729	176728,7188	825,3181152	46108,79688
08:01:2021 0:00	8:03:18	222939,5156	826,1535034	176880,8438	825,5397949	46058,67188
08:01:2021 0:00	8:03:23	222700,3281	826,1286621	176641,5469	825,4990845	46058,78125
08:01:2021 0:00	8:03:28	222702,4063	826,1244507	176678,4688	825,5545654	46023,9375
08:01:2021 0:00	8:03:33	223703,125	826,1419678	177586,9531	825,5545654	46116,17188
08:01:2021 0:00	8:03:38	222886,3281	826,1419678	176677,6875	825,5621948	46208,64063
08:01:2021 0:00	8:03:43	223748,5781	826,1523438	177579,875	825,5957642	46168,70313
08:01:2021 0:00	8:03:48	223131,9219	826,1282959	176968,0313	825,546814	46163,89063
08:01:2021 0:00	8:03:53	222797,5313	826,3244019	176494,8594	825,3116455	46302,67188
08:01:2021 0:00	8:03:58	223803,1875	826,1257935	177548,4844	825,5214233	46254,70313
08:01:2021 0:00	8:04:03	223229,75	826,3167725	177165,9844	825,2844238	46063,76563
08:01:2021 0:00	8:04:08	222982,4688	826,1517944	176870,7969	825,5584717	46111,67188
08:01:2021 0:00	8:04:13	223122,6563	826,348938	176870,7031	825,3233032	46251,95313
08:01:2021 0:00	8:04:18	223649,5938	826,1643677	177495,6094	825,5488892	46153,98438
08:01:2021 0:00	8:04:23	223520,0313	826,3071899	177304,4688	825,3165283	46215,5625
08:01:2021 0:00	8:04:28	222884,9063	826,1588135	176727,7031	825,5515747	46157,20313
08:01:2021 0:00	8:04:33	224225,7344	826,3565674	177971,9844	825,328125	46253,75
08:01:2021 0:00	8:04:38	223358,75	826,1769409	177075,8906	825,5003662	46282,85938
08:01:2021 0:00	8:04:43	222780,5313	826,1903687	176350,2031	825,5377197	46430,32813
08:01:2021 0:00	8:04:48	222883,9844	826,1903687	176689,2656	825,5377197	46194,71875
08:01:2021 0:00	8:04:53	224129,0469	826,1662598	177981,4063	825,5220947	46147,64063
08:01:2021 0:00	8:04:58	223269,375	826,1558838	177020,6406	825,5394897	46248,73438
08:01:2021 0:00	8:05:03	222542,7344	826,1884155	176399,5156	825,5343628	46143,21875
08:01:2021 0:00	8:05:08	223551,4688	826,1884155	177460,0313	825,5343628	46091,4375
08:01:2021 0:00	8:05:13	222929,0469	826,1762085	176837,8906	825,4980466	46091,15625
08:01:2021 0:00	8:05:18	223707,75	826,1334229	177541,875	825,5641479	46165,875
08:01:2021 0:00	8:05:23	223365,7188	826,1581421	177130,8438	825,5641479	46234,875
08:01:2021 0:00	8:05:28	223125,4844	826,1581421	177020,4688	825,4700928	46105,01563
08:01:2021 0:00	8:05:33	223125,3594	826,3547363	177069,125	825,3051758	46056,23438
08:01:2021 0:00	8:05:38	223024,3594	826,1780396	176729,8438	825,5609131	46294,51563
08:01:2021 0:00	8:05:43	222797,6406	826,1780396	176630,2656	825,5609131	46167,375
08:01:2021 0:00	8:05:48	223661	826,1303101	177443,8438	825,5791626	46217,15625
08:01:2021 0:00	8:05:53	223230,9688	826,1259155	176967,6719	825,5679321	46263,29688
08:01:2021 0:00	8:05:58	223378,2344	826,1168213	177162,2813	825,5525513	46215,95313
08:01:2021 0:00	8:06:03	223606,625	826,1168213	177402,3438	825,5525513	46204,28125
08:01:2021 0:00	8:06:08	223271,4844	826,1618652	177019,4688	825,5527344	46252,01563
08:01:2021 0:00	8:06:13	223619,3281	826,3143311	177502,0156	825,2988892	46117,3125
08:01:2021 0:00	8:06:18	222698,2969	826,1555786	176822,2813	825,5804443	45876,01563
08:01:2021 0:00	8:06:23	223306,8281	826,1555786	177348,6406	825,5804443	45958,1875
08:01:2021 0:00	8:06:28	222540,4219	826,2080688	176546,7656	825,5244141	45993,65625
08:01:2021 0:00	8:06:33	223702,2344	826,1640625	177542,4375	825,5691528	46159,79688
08:01:2021 0:00	8:06:38	223077,5781	826,173645	177175,9531	825,5691528	45901,625
08:01:2021 0:00	8:06:43	223700	826,173645	177655,2969	825,4874878	46044,70313
08:01:2021 0:00	8:06:48	222996,7344	826,1153564	176984,6094	825,4942627	46012,125
08:01:2021 0:00	8:06:53	222516,0156	826,1218262	176486,7969	825,5861816	46029,21875
08:01:2021 0:00	8:06:58	223080,7813	826,1218262	177015,0781	825,5861816	46065,70313
08:01:2021 0:00	8:07:03	222745,7188	826,3548584	176489,4531	825,3422241	46256,26563
08:01:2021 0:00	8:07:08	222643,9063	826,1826172	176450,9375	825,5327148	46192,96875
08:01:2021 0:00	8:07:13	223896,125	826,159729	177648,7188	825,5267944	46247,40625
08:01:2021 0:00	8:07:18	223268,6719	826,159729	177162,9531	825,5267944	46105,71875
08:01:2021 0:00	8:07:23	222742,0313	826,3742065	176636,5625	825,3256226	46105,46875
08:01:2021 0:00	8:07:28	223176,8594	826,1671143	177074,0469	825,5319824	46102,8125
08:01:2021 0:00	8:07:33	222613,9844	826,3200073	176395,7813	825,2971191	46218,20313
08:01:2021 0:00	8:07:38	222986,2813	826,1223755	177067,625	825,5716553	45918,65625
08:01:2021 0:00	8:07:43	222699,2813	826,3585815	176588,9688	825,3190992	46110,3125
08:01:2021 0:00	8:07:48	223087,5313	826,1415405	177060,2188	825,6020508	46027,3125
08:01:2021 0:00	8:07:53	222459,75	826,1415405	176399,4844	825,6020508	46060,26563
08:01:2021 0:00	8:07:58	223330,0469	826,1609497	177165,2656	825,5575562	46164,78125
08:01:2021 0:00	8:08:03	222707,625	826,3272095	176540,3594	825,3395996	46167,26563
08:01:2021 0:00	8:08:08	223815,2188	826,102356	177550,9063	825,5477905	46264,3125
08:01:2021 0:00	8:08:13	223309,2	826,2971191	176880,9063	825,3131714	46211,09375
08:01:2021 0:00	8:08:18	222613,5625	826,1199951	176446,1875	825,5668945	46167,375
08:01:2021 0:00	8:08:23	222840,1875	826,364624	176832,8125	825,3143311	46007,375
08:01:2021 0:00	8:08:28	222419,8594				

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	223,021	826,12	176,835	825,47	46,186	
DESV EST	389,94	0,12	390,49	0,12	161,84	
% DESV EST	0,1748%	0,0150%	0,2208%	0,0144%	0,3504%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	8:08:53	223210,7188	826,4208374	177014,6719	825,3674316	46196,04688
08-01-2021 0:00	8:08:58	223026,625	826,196167	176686,6563	825,572876	46339,96875
08-01-2021 0:00	8:09:03	223185,0469	826,3374023	176917,5	825,578418	46267,54688
08-01-2021 0:00	8:09:08	223550,5625	826,1398315	177210,6563	825,6130981	46339,90625
08-01-2021 0:00	8:09:13	223168,2344	826,2072754	176923,5313	825,5843506	46244,70313
08-01-2021 0:00	8:09:18	223616,1719	826,1477051	177557,7813	825,5266113	46058,39063
08-01-2021 0:00	8:09:23	222935,6406	826,1837769	176972,0781	825,5812378	45963,5625
08-01-2021 0:00	8:09:28	223049,6875	826,1837769	176925,8906	825,5812378	46123,79688
08-01-2021 0:00	8:09:33	223384,8594	826,3137817	177308,6875	825,3391113	46076,17188
08-01-2021 0:00	8:09:38	222903,125	826,1282349	176686,0313	825,5756836	46217,09375
08-01-2021 0:00	8:09:43	223422,3906	826,1548462	177319,125	825,5756836	46103,26563
08-01-2021 0:00	8:09:48	222421,6875	826,1548462	176500,1719	825,5235596	45921,51563
08-01-2021 0:00	8:09:53	223667,9375	826,3330078	177648,8281	825,3146362	46019,10938
08-01-2021 0:00	8:09:58	222611,75	826,1435547	176596,3594	825,5471191	46015,39063
08-01-2021 0:00	8:10:03	222564,2969	826,3395386	176553,3281	825,3125	46010,96875
08-01-2021 0:00	8:10:08	222928,0938	826,1434937	177128,4063	825,5237427	45799,6875
08-01-2021 0:00	8:10:13	222449,4531	826,4127197	176456,2656	825,2991333	45993,1875
08-01-2021 0:00	8:10:18	222561,5469	826,1603394	176541,2031	825,5818481	46020,34375
08-01-2021 0:00	8:10:23	222659,0313	826,3566284	176636,9219	825,347168	46022,10938
08-01-2021 0:00	8:10:28	223137,5156	826,1586304	176881,6094	825,5596313	46255,90625
08-01-2021 0:00	8:10:33	222700,8125	826,1816406	176259,2344	825,5604858	46441,57813
08-01-2021 0:00	8:10:38	223385,375	826,1292725	177078,7031	825,5604858	46306,67188
08-01-2021 0:00	8:10:43	222716,0313	826,3266602	176552,2344	825,2979126	46163,79688
08-01-2021 0:00	8:10:48	223514,9219	826,192688	177354,1406	825,5919189	46160,78125
08-01-2021 0:00	8:10:53	222944,5313	826,3746948	176744,2656	825,2983398	46200,26563
08-01-2021 0:00	8:10:58	223131,8125	826,1798096	176800,6719	825,5330811	46331,14063
08-01-2021 0:00	8:11:03	223370,9531	826,1976318	176992,9531	825,4926147	46378
08-01-2021 0:00	8:11:08	222505,4844	826,2116089	176355,5156	825,5652466	46149,96875
08-01-2021 0:00	8:11:13	222428,9219	826,1381226	176366,4219	825,5132446	46062,5
08-01-2021 0:00	8:11:18	222793,5313	826,1381226	176836,9219	825,5132446	45956,60938
08-01-2021 0:00	8:11:23	222410,5781	826,2087402	176309,7188	825,5516357	46100,85938
08-01-2021 0:00	8:11:28	222795,8281	826,1989746	176880,0938	825,5704346	45915,73438
08-01-2021 0:00	8:11:33	222465,5313	826,180542	176304,0156	825,5786133	46161,51563
08-01-2021 0:00	8:11:38	222476,0313	826,180542	176272,875	825,5786133	46203,15625
08-01-2021 0:00	8:11:43	223815,9531	826,1419067	177565,1875	825,5025024	46250,76563
08-01-2021 0:00	8:11:48	222935,4531	826,2105103	176600,5938	825,5377197	46334,85938
08-01-2021 0:00	8:11:53	222372,5313	826,1660156	175921,375	825,5377197	46451,15625
08-01-2021 0:00	8:11:58	223339,1875	826,1660156	177177,0156	825,5815454	46162,17188
08-01-2021 0:00	8:12:03	223005,3281	826,3311768	176650,5469	825,2965698	46354,78125
08-01-2021 0:00	8:12:08	223194,0625	826,1466675	176928,5156	825,5755615	46265,54688
08-01-2021 0:00	8:12:13	222894,7813	826,3428345	176648,6563	825,3406982	46246,125
08-01-2021 0:00	8:12:18	222945,2656	826,1918335	176744,3281	825,5406494	46200,9375
08-01-2021 0:00	8:12:23	222418,3125	826,182251	176248,75	825,6221313	46169,5625
08-01-2021 0:00	8:12:28	223238,4688	826,1593018	176933,625	825,5507202	46304,84375
08-01-2021 0:00	8:12:33	222753,0781	826,1593018	176598,6406	825,5507202	46154,4375
08-01-2021 0:00	8:12:38	223279,7344	826,1877441	177314,625	825,5601196	45965,10938
08-01-2021 0:00	8:12:43	222527,25	826,1350098	176543,75	825,5844727	45983,5
08-01-2021 0:00	8:12:48	223279,3281	826,1901245	177277,7188	825,5112305	46001,60938
08-01-2021 0:00	8:12:53	222991,7813	826,1901245	176894,8125	825,5112305	46096,96875
08-01-2021 0:00	8:12:58	222799,0469	826,1994629	176503,6875	825,5507813	46295,35938
08-01-2021 0:00	8:13:03	223237,4688	826,3671875	177074,8906	825,3304443	46162,57813
08-01-2021 0:00	8:13:08	222555,8594	826,1705933	176412,9063	825,5654907	46142,95313
08-01-2021 0:00	8:13:13	223801,0938	826,21698	177561,5625	825,5268555	46239,53125
08-01-2021 0:00	8:13:18	223000,0469	826,1596069	176886,4219	825,5511475	46113,625
08-01-2021 0:00	8:13:23	222914,9844	826,1201782	176731,7031	825,6048584	46183,28125
08-01-2021 0:00	8:13:28	223613,5938	826,1201782	177615,9375	825,6048584	45997,65625
08-01-2021 0:00	8:13:33	222751,5938	826,3828735	176803,0781	825,2682495	45948,51563
08-01-2021 0:00	8:13:38	223341,5156	826,1315918	177168,1094	825,5888062	46173,40625
08-01-2021 0:00	8:13:43	222852,0469	826,3649902	176830,3125	825,3536987	46021,73438
08-01-2021 0:00	8:13:48	222077,2656	826,170166	175975,2031	825,5943604	46102,0625
08-01-2021 0:00	8:13:53	223083,2969	826,2021484	177029,6563	825,5678711	46053,64063
08-01-2021 0:00	8:13:58	223380,9375	826,1412964	176167,9219	825,5691528	46213,01563
08-01-2021 0:00	8:14:03	223769,6563	826,1412964	177519,4844	825,5691528	46250,17188
08-01-2021 0:00	8:14:08	223049,9844	826,1463623	176945,1406	825,5108643	46104,84375
08-01-2021 0:00	8:14:13	222523,3281	826,1504517	176365,125	825,5379028	46158,20313
08-01-2021 0:00	8:14:18	223617,1406	826,1791992	177315,8125	825,5690308	46301,32813
08-01-2021 0:00	8:14:23	223123,7813	826,3738403	176835,4219	825,3336182	46288,35938
08-01-2021 0:00	8:14:28	223028,3281	826,230957	176788,3281	825,5776978	46240
08-01-2021 0:00	8:14:33	222957,9063	826,3278198	176643,5781	825,3480835	46314,32813
08-01-2021 0:00	8:14:38	223240,1875	826,1500244	176943,1875	825,5238037	46297
08-01-2021 0:00	8:14:43	223185,2344	826,1500244	176416,7031	825,5238037	46768,53125
08-01-2021 0:00	8:14:48	223520,0313	826,1773682	177371,0781	825,5374146	46148,95313
08-01-2021 0:00	8:14:53	222857,1563	826,1480713	176843,0156	825,5447998	46014,14063
08-01-2021 0:00	8:14:58	222662,8281	826,1585083	176557,6875	825,5447998	46105,14063
08-01-2021 0:00	8:15:03	223094	826,1585083	177085,0156	825,5361328	46008,98438
08-01-2021 0:00	8:15:08	222283,8125	826,1436768	176518,3281	825,4992065	45765,48438
08-01-2021 0:00	8:15:13	222322,1406	826,3771362	176459,0781	825,3182983	45863,0625
08-01-2021 0:00	8:15:18	223095,3438	826,1799927	177178,8125	825,553894	45916,53125
08-01-2021 0:00	8:15:23	222520,7188	826,3496704	176652,2813	825,3095703	45868,4375
08-01-2021 0:00	8:15:28	222842,4844	826,2073364	176986,6094	825,548584	45855,875
08-01-2021 0:00	8:15:33	222616,625	826,3516846	176595,7813	825,3550415	46020,84375
08-01-2021 0:00	8:15:38	223319,125	826,156189	177135,9844	825,5904541	46183,14063
08-01-2021 0:00	8:15:43	222984,3125	826,2168579	176705,2188	825,5246582	46279,09375
08-01-2021 0:00	8:15:48	223429,2344	826,1635742	176935,1719	825,5693359	46494,0625
08-01-2021 0:00	8:15:53	222786,8281	826,2387085	176701,8438	825,5693359	46084,98438
08-01-2021 0:00	8:15:58	223137,2344	826,2387085	177043,4063	825,5406494	46093,82813
08-01-2021 0:00	8:16:03	222803,0156	826,3758545	176851,9375	825,2739868	45951,07813
08-01-2021 0:00	8:16:08	223001,3906	826,1575928	176846,75	825,538208	46154,64063
08-01-2021 0:00	8:16:13	222700,0469	826,3530884	176465,2031	825,3027344	46234,84375
08-01-2021 0:00	8:16:18	223292,6719	826,2106323	177183,2031	825,5354614	46109,46875
08-01-2021 0:00	8:16:23	222574,1406	826,3433228	176402,875	825,3695679	46171,26563
08-01-2021 0:00	8:16:28	223189	826,177063	176942,6875	825,548645	46246,3125
08-01-2021 0:00	8:16:33	222806,125	826,177063	176511,9375	825,548645	46294,1875
08-01-2021 0:00	8:16:38	223239,1563	826,175415	177221,5938	825,5843506	46017,5625
08-01-2021 0:00	8:16:43	222798,8438	826,4066772	176655,9063	825,3112793	46142,9375
08-01-2021 0:00	8:16:48	223478,4531	826,1787109	177511,9844	825,5765991	45966,46875
08-01-2021 0:00	8:16:53	222951,375	826,1787109	177176,9531	825,5765991	45774,42188
08-01-2021 0:00	8:16:58	222466,25	826,2086792	176412,1406	825,5721436	46054,10938
08-01-2021 0:00	8:17:03	223254,7656	826,1245728	176985,5313	825,5802002	46269,23438
08-01-2021 0:00	8:17:08	222377,75	826,1843262	175936,7188	825,5802002	46441,03125
08-01-2021 0:00	8:17:13	223478,375	826,3811035	177086,2031	825,324707	46392,17188
08-01-2021 0:00	8:17:18	222529,0156	826,1487427	176168,8906	825,598571	

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	Consumo [l/h]
	PROMEDIO	223,021	826,12	176,835	825,47	46,186
	DESV EST	389,94	0,12	390,49	0,12	161,84
	% DESV EST	0,1748%	0,0150%	0,2208%	0,0144%	0,3504%
	DATOS	721	721	721	721	721
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	8:17:43	223333,5156	826,3742676	177181,5156	825,3301392	46152
08-01-2021 0:00	8:17:48	222481,7813	826,1773682	176266,5938	825,5658569	46215,1875
08-01-2021 0:00	8:17:53	223056,5781	826,3346558	176984,5313	825,3526611	46072,04688
08-01-2021 0:00	8:17:58	222757,6406	826,1811523	176748,7969	825,5717163	46008,84375
08-01-2021 0:00	8:18:03	223277,875	826,2012939	177324,0469	825,5717163	45953,82813
08-01-2021 0:00	8:18:08	222431,7656	826,2012939	176366,7656	825,5670776	46065
08-01-2021 0:00	8:18:13	222911,875	826,140625	176933,0938	825,6131592	45978,78125
08-01-2021 0:00	8:18:18	222949,7031	826,1779785	176787,3594	825,6196899	46162,34375
08-01-2021 0:00	8:18:23	222370,5156	826,1779785	176075,9844	825,6196899	46294,53125
08-01-2021 0:00	8:18:28	222945,5313	826,1954956	176650,2969	825,5920041	46295,23438
08-01-2021 0:00	8:18:33	222568,875	826,3685913	176259,7188	825,3930054	46309,15625
08-01-2021 0:00	8:18:38	222755,5156	826,1891479	176653,2656	825,5776978	46102,25
08-01-2021 0:00	8:18:43	222360,4688	826,1891479	176222,5625	825,5776978	46137,90625
08-01-2021 0:00	8:18:48	222982,875	826,2392578	176890,3125	825,5891113	46092,5625
08-01-2021 0:00	8:18:53	222491,1875	826,105835	176406,9688	825,6116333	46084,21875
08-01-2021 0:00	8:18:58	223482,25	826,164856	173775,6563	825,6116333	46106,59375
08-01-2021 0:00	8:19:03	222955,4531	826,164856	176657,7344	825,5605469	46297,71875
08-01-2021 0:00	8:19:08	223242,5	826,1663818	176888,1875	825,5993042	46354,3125
08-01-2021 0:00	8:19:13	223468,9688	826,4112549	177321,875	825,3527832	46147,09375
08-01-2021 0:00	8:19:18	222656,5469	826,2155762	176423,1563	825,588623	46233,39063
08-01-2021 0:00	8:19:23	223614,4063	826,4061279	177524	825,3019409	46090,40625
08-01-2021 0:00	8:19:28	222674,25	826,1408691	176749,8594	825,5740356	45924,39063
08-01-2021 0:00	8:19:33	222479,5781	826,1577759	176408,1406	825,605835	46071,4375
08-01-2021 0:00	8:19:38	223290,0625	826,1577759	177191,9219	825,605835	46098,14063
08-01-2021 0:00	8:19:43	222763,3438	826,1765747	176474,7813	825,5197754	46288,5625
08-01-2021 0:00	8:19:48	223161,6563	826,1141968	177086,2344	825,5712891	46075,42188
08-01-2021 0:00	8:19:53	222488,0313	826,1251831	176318,7969	825,5712891	46169,23438
08-01-2021 0:00	8:19:58	223051,2656	826,1251831	176894,9531	825,5792236	46156,3125
08-01-2021 0:00	8:20:03	222619,0625	826,3662109	176272,6719	825,3344116	46346,39063
08-01-2021 0:00	8:20:08	223189	826,1877441	176932,8906	825,6176758	46256,10938
08-01-2021 0:00	8:20:13	222822,9219	826,1877441	176508,9219	825,6176758	46314
08-01-2021 0:00	8:20:18	223572,625	826,1236572	177274,7656	825,5813599	46297,85938
08-01-2021 0:00	8:20:23	222854,0625	826,1866455	176606,9688	825,5701904	46247,09375
08-01-2021 0:00	8:20:28	223673,6563	826,1619873	177574,3281	825,526001	46099,32813
08-01-2021 0:00	8:20:33	222919,7813	826,1619873	176904,2344	825,526001	46015,54688
08-01-2021 0:00	8:20:38	222201,5313	826,1134033	176125	825,590271	46076,53125
08-01-2021 0:00	8:20:43	223088,3594	826,2006836	177088,2188	825,5618286	46000,14063
08-01-2021 0:00	8:20:48	222387,2656	826,1348267	176171,1719	825,5944824	46216,09375
08-01-2021 0:00	8:20:53	223152,6563	826,1348267	177032,7344	825,5944824	46119,92188
08-01-2021 0:00	8:20:58	222664,9531	826,1670532	176460,7188	825,5831299	46204,23438
08-01-2021 0:00	8:21:03	222335,2813	826,1472168	176077,0625	825,5906372	46258,21875
08-01-2021 0:00	8:21:08	222567,0469	826,1774902	176227,2344	825,5906372	46339,8125
08-01-2021 0:00	8:21:13	223237,4844	826,1774902	176897,2656	825,5629272	46340,21875
08-01-2021 0:00	8:21:18	223195	826,156311	176845,3281	825,5825195	46349,67188
08-01-2021 0:00	8:21:23	222654,8594	826,2072754	176363,3594	825,5985718	46291,5
08-01-2021 0:00	8:21:28	223102,7969	826,2072754	176986,25	825,5985718	46116,54688
08-01-2021 0:00	8:21:33	222959,2656	826,3378906	176555,4688	825,3589478	46403,79688
08-01-2021 0:00	8:21:38	223813,2969	826,1742554	177419,8594	825,5814819	46393,4375
08-01-2021 0:00	8:21:43	223430,9375	826,1696777	177030,8438	825,6107178	46400,09375
08-01-2021 0:00	8:21:48	222628,5625	826,1696777	176312,2656	825,6107178	46316,29688
08-01-2021 0:00	8:21:53	223155,3594	826,1256714	176790,8594	825,6140137	46364,5
08-01-2021 0:00	8:21:58	222479,4844	826,142395	176311,6563	825,6204834	46167,82813
08-01-2021 0:00	8:22:03	223198,125	826,1420288	176941,1719	825,6204834	46256,95313
08-01-2021 0:00	8:22:08	222726	826,1420288	176606,1563	825,5853882	46119,84375
08-01-2021 0:00	8:22:13	223156,4063	826,1170654	177084,0313	825,5889893	46072,375
08-01-2021 0:00	8:22:18	222488,4219	826,1106567	176282,2969	825,527832	46206,125
08-01-2021 0:00	8:22:23	222673,375	826,3066406	176604,5938	825,2913208	46068,78125
08-01-2021 0:00	8:22:28	222291,0313	826,1373291	176173,0469	825,5892944	46117,98438
08-01-2021 0:00	8:22:33	222901,75	826,1828613	176990,7031	825,5740356	45911,04688
08-01-2021 0:00	8:22:38	222378,875	826,1635132	176316,2188	825,5985107	46062,65625
08-01-2021 0:00	8:22:43	222948,5469	826,3591919	176555,5313	825,3621216	46393,01563
08-01-2021 0:00	8:22:48	223140,0156	826,1847534	177094,3125	825,5400391	46045,70313
08-01-2021 0:00	8:22:53	223051,5625	826,1572876	176802,5156	825,5618896	46249,04688
08-01-2021 0:00	8:22:58	223246,5	826,144043	177040,2656	825,5618896	46206,23438
08-01-2021 0:00	8:23:03	223198,5938	826,144043	176944,5156	825,569397	46254,07813
08-01-2021 0:00	8:23:08	222763,3125	826,1565552	176553,75	825,6069946	46209,5625
08-01-2021 0:00	8:23:13	223244,9844	826,1445923	177172,25	825,6245117	46072,73438
08-01-2021 0:00	8:23:18	222294,8125	826,1445923	176369,7031	825,6245117	45925,10938
08-01-2021 0:00	8:23:23	223157,1875	826,1106567	177135,4375	825,5717163	46021,75
08-01-2021 0:00	8:23:28	223102,0938	826,1369019	176840,2969	825,6099243	46261,79688
08-01-2021 0:00	8:23:33	222737,0313	826,0690918	176316,2969	825,5981445	46420,73438
08-01-2021 0:00	8:23:38	222627,0625	826,0690918	176660,7031	825,5981445	45966,35938
08-01-2021 0:00	8:23:43	223010,1719	826,1245117	176900,0469	825,5571899	46110,125
08-01-2021 0:00	8:23:48	222622,2031	826,1410522	176419,6719	825,5654297	46202,53125
08-01-2021 0:00	8:23:53	222242,375	826,1296997	176173,9531	825,5961304	46068,42188
08-01-2021 0:00	8:23:58	222731,875	826,1296997	176612,8438	825,5961304	46119,03125
08-01-2021 0:00	8:24:03	222300,9219	826,0889282	176134,2188	825,5532227	46166,70313
08-01-2021 0:00	8:24:08	223105,25	826,1240845	176995,2656	825,5632935	46109,98438
08-01-2021 0:00	8:24:13	222434,2031	826,3158569	176407,4063	825,3268433	46026,79688
08-01-2021 0:00	8:24:18	222479,625	826,1253052	176359,6094	825,6279907	46120,01563
08-01-2021 0:00	8:24:23	222527,5781	826,137085	176277,1719	825,5638428	46250,40625
08-01-2021 0:00	8:24:28	223286,5938	826,1615601	176992,2656	825,5778198	46294,32813
08-01-2021 0:00	8:24:33	222569,6563	826,1615601	176271,4219	825,5778198	46298,23438
08-01-2021 0:00	8:24:38	223384,3594	826,1549683	177180,8125	825,5914917	46203,54688
08-01-2021 0:00	8:24:43	223150,0313	826,1343384	176790,875	825,6174316	46359,15625
08-01-2021 0:00	8:24:48	222723,375	826,1183472	176451,3594	825,6386719	46272,01563
08-01-2021 0:00	8:24:53	223537,0156	826,1183472	177313,6719	825,6386719	46223,34375
08-01-2021 0:00	8:24:58	222435,4063	826,1196289	176318,6406	825,5906372	46116,76563
08-01-2021 0:00	8:25:03	223054,1875	826,1351318	177275,1875	825,5939941	45779
08-01-2021 0:00	8:25:08	222970,2813	826,0924072	176613,7344	825,5939941	46356,54688
08-01-2021 0:00	8:25:13	222587,5469	826,0924072	176565,875	825,5529175	46021,67188
08-01-2021 0:00	8:25:18	223161,25	826,0951538	176999,8594	825,5415039	46161,39063
08-01-2021 0:00	8:25:23	222768,1875	826,1333618	176645,0625	825,6359253	46123,125
08-01-2021 0:00	8:25:28	223057,7031	826,1333618	176979,9844	825,6359253	46077,71875
08-01-2021 0:00	8:25:33	222722,1406	826,1190796	176644,9219	825,6363525	46077,21875
08-01-2021 0:00	8:25:38	223383,4688	826,1542969	177269	825,6276245	46114,46875
08-01-2021 0:00	8:25:43	222863,7969	826,1269531	176665,6406	825,5371094	46198,15625
08-01-2021 0:00	8:25:48	223098,7188	826,1269531	176942	825,5371094	46156,71875
08-01-2021 0:00	8:25:53	222619,6719	826,1414185	176415,4531	825,5889893	46204,21875
08-01-2021 0:00	8:25:58	222576,3125	826,1294556	176518,0781	825,5560913	46058,23438
08-01-2021 0:00	8:26:03	222199,625	826,1052856	176224,3438	825,5877075	45975,28125
08-01-2021 0:00	8:26:08	222685,3125	826,1052856			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	223,021	826,12	176,835	825,47	46,186	
DESV EST	389,94	0,12	390,49	0,12	161,84	
% DESV EST	0,1748%	0,0150%	0,2208%	0,0144%	0,3504%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	8:26:33	222993,0938	826,1889648	176714,7188	825,5314331	46278,375
08-01-2021 0:00	8:26:38	223007,6406	826,1348267	176702,1875	825,5914917	46305,45313
08-01-2021 0:00	8:26:43	223341,1875	826,1348267	177050,9063	825,5914917	46290,28125
08-01-2021 0:00	8:26:48	222767,2813	826,1412964	176476,5781	825,526001	46290,70313
08-01-2021 0:00	8:26:53	223064,7656	826,0988159	176761,4219	825,5372314	46303,34375
08-01-2021 0:00	8:26:58	222619,9219	826,1503296	176378,7969	825,5317993	46241,125
08-01-2021 0:00	8:27:03	222906,6094	826,3446655	177001,0156	825,295166	45905,59375
08-01-2021 0:00	8:27:08	222140,4063	826,1525879	176000,7031	825,5083008	46139,70313
08-01-2021 0:00	8:27:13	222718,2344	826,1365356	176561,4375	825,5740356	46156,79688
08-01-2021 0:00	8:27:18	222574,4688	826,137207	176505,2969	825,5740356	46069,17188
08-01-2021 0:00	8:27:23	222622,2031	826,137207	176696,75	825,6135864	45925,45313
08-01-2021 0:00	8:27:28	222485	826,1141357	176304,7813	825,6569214	46180,21875
08-01-2021 0:00	8:27:33	222630,4063	826,1071167	176462,3906	825,5896606	46168,01563
08-01-2021 0:00	8:27:38	223635,3281	826,1071167	177422,4844	825,5896606	46212,84375
08-01-2021 0:00	8:27:43	223060,2656	826,1156616	176800,2031	825,576355	46260,0625
08-01-2021 0:00	8:27:48	222971,9531	826,0876465	176857,2344	825,5289307	46114,71875
08-01-2021 0:00	8:27:53	223481,125	826,1525269	177275,625	825,5881958	46205,5
08-01-2021 0:00	8:27:58	222909,0938	826,1525269	176787,2031	825,5881958	46121,89063
08-01-2021 0:00	8:28:03	222575,1563	826,1436768	176260,7969	825,6384888	46314,35938
08-01-2021 0:00	8:28:08	222770,0781	826,132019	176327,3125	825,5491333	46442,76563
08-01-2021 0:00	8:28:13	223015,1094	826,1107178	176837,0156	825,6291504	46178,09375
08-01-2021 0:00	8:28:18	223483,2188	826,1107178	177279,5625	825,6291504	46203,65625
08-01-2021 0:00	8:28:23	223147,8594	826,3485107	176848,8438	825,3360596	46299,01563
08-01-2021 0:00	8:28:28	223353,6719	826,0976563	177336,0781	825,527832	46017,59375
08-01-2021 0:00	8:28:33	222766,9219	826,0976563	176611,7031	825,527832	46155,21875
08-01-2021 0:00	8:28:38	222756	826,1381226	176707,4219	825,5583496	46048,57813
08-01-2021 0:00	8:28:43	222181,4531	826,1795044	176320,6719	825,5772705	45860,78125
08-01-2021 0:00	8:28:48	222433,625	826,1292725	176612,5469	825,5545044	45821,07813
08-01-2021 0:00	8:28:53	222100,9688	826,1292725	176225,9375	825,5545044	45875,03125
08-01-2021 0:00	8:28:58	222675,5938	826,1206055	176560,1406	825,5721438	46115,45313
08-01-2021 0:00	8:29:03	222303,2031	826,0802612	176418,6875	825,5621336	45884,51563
08-01-2021 0:00	8:29:08	222424,625	826,1643066	176370,5313	825,5599976	46054,09375
08-01-2021 0:00	8:29:13	223142,875	826,359314	177089,2031	825,3231201	46053,67188
08-01-2021 0:00	8:29:18	222761,2344	826,1582031	176706,7344	825,5582275	46054,5
08-01-2021 0:00	8:29:23	222486,5781	826,1074219	176234,8594	825,5255127	46251,71875
08-01-2021 0:00	8:29:28	223389,7969	826,1314697	177183,0781	825,5255127	46206,71875
08-01-2021 0:00	8:29:33	222671,2344	826,3234253	176608,6563	825,3361206	46062,57813
08-01-2021 0:00	8:29:38	222429,125	826,1427002	176174,4531	825,5889893	46254,67188
08-01-2021 0:00	8:29:43	222898,125	826,3753662	176618,0156	825,2910767	46280,10938
08-01-2021 0:00	8:29:48	223194,8125	826,1820068	176838,8906	825,5280762	46355,92188
08-01-2021 0:00	8:29:53	222859,6563	826,142395	176599,5781	825,616394	46260,07813
08-01-2021 0:00	8:29:58	223842,9844	826,0469971	177041,9219	825,5574341	46801,0625
08-01-2021 0:00	8:30:03	222954,5	826,142334	176707,4688	825,5545044	46247,03125
08-01-2021 0:00	8:30:08	223818,7813	826,142334	177707,5156	825,5545044	46111,26563
08-01-2021 0:00	8:30:13	223339,625	826,3270264	177133,8594	825,3421021	46205,76563
08-01-2021 0:00	8:30:18	222619,3281	826,1407471	176315,7969	825,5965576	46303,53125
08-01-2021 0:00	8:30:23	223012,6563	826,2993164	176790,7656	825,3596802	46221,89063
08-01-2021 0:00	8:30:28	222575,8438	826,1037598	176477,4844	825,6138306	46098,35938
08-01-2021 0:00	8:30:33	222480,1875	826,3217773	176477,4219	825,272583	46002,76563
08-01-2021 0:00	8:30:38	223307,4063	826,074585	177147,7813	825,5089722	46159,625
08-01-2021 0:00	8:30:43	222567,5625	826,2680054	176370,6563	825,2720947	46196,90625
08-01-2021 0:00	8:30:48	222624,5313	826,1505737	176370,625	825,5593872	46253,90625
08-01-2021 0:00	8:30:53	222576,5938	826,1148071	176285,8125	825,5070801	46290,78125
08-01-2021 0:00	8:30:58	223252,375	826,0973511	177041,2031	825,5530396	46211,17188
08-01-2021 0:00	8:31:03	222776,9531	826,0973511	176371,1094	825,5530396	46405,84375
08-01-2021 0:00	8:31:08	222728,25	826,0836182	176331,625	825,5131836	46396,625
08-01-2021 0:00	8:31:13	222565,8281	826,3550415	176276,8281	825,3132935	46289
08-01-2021 0:00	8:31:18	223106,0313	826,1112671	176802,0938	825,5521851	46303,9375
08-01-2021 0:00	8:31:23	222580,1094	826,1112671	176227,6719	825,5521851	46352,4375
08-01-2021 0:00	8:31:28	222619,8125	826,1445923	176183,7969	825,5334473	46436,01563
08-01-2021 0:00	8:31:33	223591	826,0942993	177333,625	825,5281372	46257,375
08-01-2021 0:00	8:31:38	222906,7656	826,1412354	176520,7188	825,5281372	46386,04688
08-01-2021 0:00	8:31:43	222715,6563	826,1412354	176329,2813	825,5283203	46386,375
08-01-2021 0:00	8:31:48	223440,2031	826,118042	176854,1719	825,5358276	46586,03125
08-01-2021 0:00	8:31:53	222719,5	826,1270142	176509,7969	825,5802002	46209,70313
08-01-2021 0:00	8:31:58	223574,4219	826,1270142	177228,5469	825,5802002	46345,875
08-01-2021 0:00	8:32:03	222951,7656	826,1519165	176606,2969	825,5727539	46345,46875
08-01-2021 0:00	8:32:08	223203,0781	826,1085205	176911,8281	825,4891968	46291,25
08-01-2021 0:00	8:32:13	222964,4375	826,1053467	176527,8594	825,4938965	46436,57813
08-01-2021 0:00	8:32:18	223569,0313	826,1053467	177341,5938	825,4938965	46227,4375
08-01-2021 0:00	8:32:23	223091,0938	826,173584	176910,7656	825,4941406	46180,32813
08-01-2021 0:00	8:32:28	223040,7344	826,1830444	177288,4063	825,5195313	47552,32813
08-01-2021 0:00	8:32:33	222797,5781	826,3793335	176662,1406	825,2827759	46135,4375
08-01-2021 0:00	8:32:38	223143,5156	826,196106	177152,5469	825,5386353	45990,96875
08-01-2021 0:00	8:32:43	222616,3438	826,3511353	176626,0625	825,2455444	45990,28125
08-01-2021 0:00	8:32:48	222820,4063	826,109436	176813,4531	825,4976807	46006,95313
08-01-2021 0:00	8:32:53	222733,6094	826,3044434	176459,5	825,260498	46274,10938
08-01-2021 0:00	8:32:58	223716,2188	826,0753174	177560,2969	825,5883179	46155,92188
08-01-2021 0:00	8:33:03	222901,7813	826,1547852	176759,0313	825,5291748	46142,75
08-01-2021 0:00	8:33:08	222279,5781	826,1508179	176119,9531	825,6098022	46159,625
08-01-2021 0:00	8:33:13	222869,8125	826,1508179	176743	825,6098022	46126,8125
08-01-2021 0:00	8:33:18	222438,0781	826,0913696	176087,875	825,5380249	46350,20313
08-01-2021 0:00	8:33:23	223727,4219	826,104126	177471,1875	825,5608521	46256,23438
08-01-2021 0:00	8:33:28	222909,0156	826,1206055	176618,5469	825,5143433	46290,46875
08-01-2021 0:00	8:33:33	222670,0469	826,3146973	176331,2969	825,2772827	46338,75
08-01-2021 0:00	8:33:38	223113,7031	826,0686035	176755,4063	825,5501099	46358,29688
08-01-2021 0:00	8:33:43	222775,5781	826,2732544	176359,625	825,3745117	46415,95313
08-01-2021 0:00	8:33:48	222908,1094	826,118042	176756,8438	825,6117554	46151,26563
08-01-2021 0:00	8:33:53	223004,1094	826,118042	176901,2031	825,5432739	46102,90625
08-01-2021 0:00	8:33:58	222998,5156	826,1303711	176749,8594	825,5768433	46248,65625
08-01-2021 0:00	8:34:03	223095,5	826,1264648	176946,4688	825,5524292	46149,03125
08-01-2021 0:00	8:34:08	223392,5156	826,1264648	177136,7188	825,5524292	46255,79688
08-01-2021 0:00	8:34:13	222864,7344	826,0925903	176754,5156	825,5581055	46110,21875
08-01-2021 0:00	8:34:18	222579,1406	826,0863647	176561,4375	825,5657959	46017,70313
08-01-2021 0:00	8:34:23	223149,9063	826,2974854			

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	223,021	826,12	176,835	825,47	46,186
DESV EST	389,94	0,12	390,49	0,12	161,84
% DESV EST	0,1748%	0,0150%	0,2208%	0,0144%	0,3504%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	8:35:23	223064,2031	826,0943604	176661,875	825,5360718
08-01-2021 0:00	8:35:28	223399,1719	826,0800781	177050,1406	825,510376
08-01-2021 0:00	8:35:33	222779,5625	826,0686646	176567,1875	825,5308838
08-01-2021 0:00	8:35:38	223437,3906	826,1087036	177331,5313	825,5341797
08-01-2021 0:00	8:35:43	223055,4063	826,1087036	176900,75	825,5341797
08-01-2021 0:00	8:35:48	223695,7344	826,0441895	177292,8438	825,4903564
08-01-2021 0:00	8:35:53	222869,0781	826,0865479	177094,9219	825,5209351
08-01-2021 0:00	8:35:58	222276,625	826,0865479	176326,5469	825,5209351
08-01-2021 0:00	8:36:03	222180,7656	826,1506348	176374,4063	825,5330811
08-01-2021 0:00	8:36:08	222571,375	826,1187744	176423,0156	825,5256348
08-01-2021 0:00	8:36:13	223447,8594	826,260498	177188,3906	825,2904053
08-01-2021 0:00	8:36:18	222822,9063	826,0648193	176424,9375	825,5278931
08-01-2021 0:00	8:36:23	223110,6875	826,0768433	176760,0313	825,5241699
08-01-2021 0:00	8:36:28	222769,3594	826,0986328	176380,0156	825,5102539
08-01-2021 0:00	8:36:33	223475,5469	826,1418457	177098,8594	825,5062256
08-01-2021 0:00	8:36:38	222821,625	826,1418457	176415,7969	825,5062256
08-01-2021 0:00	8:36:43	222582,4375	826,274353	176174,9063	825,3307495
08-01-2021 0:00	8:36:48	223010,8125	826,088623	176712,9688	825,5092773
08-01-2021 0:00	8:36:53	223359,0781	826,0409546	177057,125	825,5092773
08-01-2021 0:00	8:36:58	223544,3594	826,0409546	177392,9063	825,4656982
08-01-2021 0:00	8:37:03	222825,8281	826,2557983	176706,6094	825,3060303
08-01-2021 0:00	8:37:08	223337,1406	826,1157837	177187,9844	825,5300903
08-01-2021 0:00	8:37:13	223160,25	826,3087158	176935,5	825,2927856
08-01-2021 0:00	8:37:18	222585,9375	826,0604858	176313,2969	825,5930176
08-01-2021 0:00	8:37:23	223202,1719	826,2791748	177043,3281	825,2977905
08-01-2021 0:00	8:37:28	222502,6875	826,0095215	176379,3125	825,5062256
08-01-2021 0:00	8:37:33	222619,5313	826,0095215	176618,5781	825,5062256
08-01-2021 0:00	8:37:38	222907,4375	826,1101685	176660,5156	825,5346069
08-01-2021 0:00	8:37:43	222857,9969	826,1169434	176559,0469	825,5622559
08-01-2021 0:00	8:37:48	222915,9688	826,0769633	176578,5625	825,5622559
08-01-2021 0:00	8:37:53	223058,8125	826,2731323	176817,125	825,2314453
08-01-2021 0:00	8:37:58	222949,5625	826,1282959	176607,5313	825,5591431
08-01-2021 0:00	8:38:03	223356,6563	826,0376587	177146,9844	825,4973145
08-01-2021 0:00	8:38:08	222720,25	826,0376587	176570,1875	825,4973145
08-01-2021 0:00	8:38:13	223055,3281	826,0897827	176857,3125	825,5090332
08-01-2021 0:00	8:38:18	223635,2969	826,0706177	177280,2813	825,5463867
08-01-2021 0:00	8:38:23	223451,875	826,0396729	177136	825,5459595
08-01-2021 0:00	8:38:28	223816,9375	826,0396729	177525,9063	825,5459595
08-01-2021 0:00	8:38:33	223337,7031	826,3045044	177143,0156	825,2791748
08-01-2021 0:00	8:38:38	222615,875	826,1212158	176579,7344	825,4632568
08-01-2021 0:00	8:38:43	223298,75	826,0739746	176902,0625	825,5240479
08-01-2021 0:00	8:38:48	223297,7656	826,0739746	177049,5469	825,5240479
08-01-2021 0:00	8:38:53	223249,6875	826,0783691	177000,9063	825,5054932
08-01-2021 0:00	8:38:58	222917,0313	826,0697632	176620,7031	825,4924316
08-01-2021 0:00	8:39:03	223249,9219	826,2661133	177087,2344	825,255188
08-01-2021 0:00	8:39:08	222388,2813	826,0783081	176369,2344	825,5506592
08-01-2021 0:00	8:39:13	223585,2031	826,2689209	177371,0156	825,3292847
08-01-2021 0:00	8:39:18	222865,4375	826,0806885	176623,75	825,4779663
08-01-2021 0:00	8:39:23	222536,4844	826,0806885	176240,8281	825,4779663
08-01-2021 0:00	8:39:28	223110,9688	826,0585327	176712,2656	825,5122681
08-01-2021 0:00	8:39:33	222727,4688	826,0530396	176462,7969	825,5571289
08-01-2021 0:00	8:39:38	222917,5938	826,0601807	176474,8281	825,4958496
08-01-2021 0:00	8:39:43	223299,5781	826,2568359	177097,1094	825,2584229
08-01-2021 0:00	8:39:48	223012,6406	826,0549316	176657,0469	825,5396729
08-01-2021 0:00	8:39:53	222541,2813	826,0257568	176378,5625	825,4981689
08-01-2021 0:00	8:39:58	223485,7344	826,072998	177226,4688	825,4981689
08-01-2021 0:00	8:40:03	223150,5781	826,072998	176891,4219	825,5634766
08-01-2021 0:00	8:40:08	223117,7031	826,0123901	176854,375	825,5119019
08-01-2021 0:00	8:40:13	222623,2188	826,0670166	176332,9063	825,4874268
08-01-2021 0:00	8:40:18	223481,9375	826,0670166	177290,3281	825,4874268
08-01-2021 0:00	8:40:23	222810,375	826,0787354	176811,6875	825,4871216
08-01-2021 0:00	8:40:28	223436,125	826,0671387	177341,6563	825,4746704
08-01-2021 0:00	8:40:33	223396,9063	826,0340576	177247,9531	825,4650269
08-01-2021 0:00	8:40:38	222430,4844	826,0340576	176523,8438	825,4650269
08-01-2021 0:00	8:40:43	223004,2188	826,0665894	177145,2344	825,4942017
08-01-2021 0:00	8:40:48	222236,7188	826,071106	176323,9844	825,5302734
08-01-2021 0:00	8:40:53	223109,2031	826,2651978	177091,6719	825,2927856
08-01-2021 0:00	8:40:58	222762,875	826,0310669	176756,5938	825,5178223
08-01-2021 0:00	8:41:03	223242,9531	826,2772827	176807,875	825,2637939
08-01-2021 0:00	8:41:08	222911,75	826,0662231	176422,2344	825,5147095
08-01-2021 0:00	8:41:13	223350,7656	826,0662231	176851,0313	825,5147095
08-01-2021 0:00	8:41:18	222584,2969	826,0404663	176133,0938	825,5239868
08-01-2021 0:00	8:41:23	223259,9688	826,2125244	176865,1719	825,2188721
08-01-2021 0:00	8:41:28	222732,8281	826,0181274	176145,7031	825,463501
08-01-2021 0:00	8:41:33	222914,5156	826,0181274	176480,75	825,463501
08-01-2021 0:00	8:41:38	223537,2969	826,0557861	177340,2031	825,473938
08-01-2021 0:00	8:41:43	223303,0156	826,2297974	176905,875	825,25354
08-01-2021 0:00	8:41:48	222690,9219	825,9922485	176384,2969	825,4906006
08-01-2021 0:00	8:41:53	222738,2656	825,9922485	176384,3438	825,4669189
08-01-2021 0:00	8:41:58	223791,1094	825,9927368	177333,8125	825,5043335
08-01-2021 0:00	8:42:03	223156,3594	826,0396729	177051,1875	825,4824829
08-01-2021 0:00	8:42:08	222887,5156	826,0396729	176568,1563	825,4824829
08-01-2021 0:00	8:42:13	222695,0156	826,1616821	176376,625	825,2662964
08-01-2021 0:00	8:42:18	223258,6875	826,030518	176999,9375	825,4986572
08-01-2021 0:00	8:42:23	222571,4063	826,0657349	176422,3906	825,513855
08-01-2021 0:00	8:42:28	223389,5781	826,0657349	177096,2344	825,513855
08-01-2021 0:00	8:42:33	223102,2656	826,0507813	176713,2969	825,4960327
08-01-2021 0:00	8:42:38	223110,2344	826,024353	176906,3281	825,4844971
08-01-2021 0:00	8:42:43	222865,8906	826,043457	176519,8594	825,5015259
08-01-2021 0:00	8:42:48	223291,3281	826,043457	177054,9844	825,5015259
08-01-2021 0:00	8:42:53	222860,0781	826,0598755	176624,1875	825,4603882
08-01-2021 0:00	8:42:58	223092,1094	826,0884399	176758,7813	825,503418
08-01-2021 0:00	8:43:03	223160,1094	826,012146	176717,0313	825,503418
08-01-2021 0:00	8:43:08	222630,9219	826,012146	176141,8594	825,4744263
08-01-2021 0:00	8:43:13	222774,6875	826,022522	176431,5469	825,4622803
08-01-2021 0:00	8:43:18	223411,5469	825,9692383	177002,7031	825,4741211
08-01-2021 0:00	8:43:23	222726,9844	825,9692383	176476,9844	825,4741211
08-01-2021 0:00	8:43:28	222918,6719	826,0214233	176764,9844	825,4738777
08-01-2021 0:00	8:43:33	222402,3594	825,9807129	176192,6406	825,4641133
08-01-2021 0:00	8:43:38	223110,9531	826,0170288	176868,5313	825,4326782
08-01-2021 0:00	8:43:43	222728,3906	826,0170288	176342,8281	825,4326782
08-01-2021 0:00	8:43:48	223207,3906	826,0118408	176523,9844	825,4818115
08-01-2021 0:00	8:43:53	222823,7031	826,0143433	176325,125	825,5172119
08-01-2021 0:00	8:43:58	223477,3125	826,0765381	177152,875	825,5172119
08-01-2021 0:00	8:44:03	223142,4063	826,2698364	177008,4688	825,2127075
08-01-2021 0:00	8:44:08	222679,4063	826,0136719	176423,75	825,4998169

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	223,021	826,12	176,835	825,47	46,186
DESV EST	389,94	0,12	390,49	0,12	161,84
% DESV EST	0,1748%	0,0150%	0,2208%	0,0144%	0,3504%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	8:44:13	222869,0156	826,0211182	176624,5313	825,4551392
08-01-2021 0:00	8:44:18	222772,875	826,0211182	176573,5313	825,4551392
08-01-2021 0:00	8:44:23	222819,8594	826,0177002	176477,8438	825,4700317
08-01-2021 0:00	8:44:28	222735,2656	825,9683838	176418,0781	825,5267944
08-01-2021 0:00	8:44:33	223437,7969	826,0273438	177241,4219	825,4769287
08-01-2021 0:00	8:44:38	222647,4375	826,0273438	176426,2344	825,4769287
08-01-2021 0:00	8:44:43	223174,4063	825,9331665	177000,5625	825,487915
08-01-2021 0:00	8:44:48	222536,7656	825,9932861	176327,8125	825,4970093
08-01-2021 0:00	8:44:53	223152,9844	826,0177002	176913,5625	825,442688
08-01-2021 0:00	8:44:58	223101,5938	826,0177002	176755,8438	825,442688
08-01-2021 0:00	8:45:03	222670,2813	826,0320435	176420,8125	825,5098877
08-01-2021 0:00	8:45:08	223935,7344	825,9522095	177766,875	825,4780273
08-01-2021 0:00	8:45:13	223530,1875	826,0321045	177196,0313	825,4780273
08-01-2021 0:00	8:45:18	222633,7969	826,0321045	176525,9375	825,4575806
08-01-2021 0:00	8:45:23	223304,4219	825,980896	177152,875	825,4351807
08-01-2021 0:00	8:45:28	222868,0156	826,0014038	176627,6719	825,4284668
08-01-2021 0:00	8:45:33	222867,3125	826,1977539	176720,5938	825,19104
08-01-2021 0:00	8:45:38	223919,8281	826,005127	177772,125	825,4421387
08-01-2021 0:00	8:45:43	223204,2969	826,1901855	177005,4688	825,2084351
08-01-2021 0:00	8:45:48	222675,75	826,0042114	176375,8438	825,480835
08-01-2021 0:00	8:45:53	223590,2813	826,0042114	177428,8906	825,480835
08-01-2021 0:00	8:45:58	223446,5781	825,9869385	176569,9844	825,4680176
08-01-2021 0:00	8:46:03	223201,5313	826,0014648	176858,5156	825,4615479
08-01-2021 0:00	8:46:08	223314,4531	825,9367676	176825,9688	825,4615479
08-01-2021 0:00	8:46:13	223744,5	825,9367676	177496,1563	825,3886719
08-01-2021 0:00	8:46:18	223636,1406	825,982666	177288,625	825,4649048
08-01-2021 0:00	8:46:23	222976,9844	826,1378784	176763,2344	825,2180786
08-01-2021 0:00	8:46:28	223729,0313	825,9437256	177536,8594	825,4556274
08-01-2021 0:00	8:46:33	223202,0625	826,1923218	176914,6094	825,1809082
08-01-2021 0:00	8:46:38	222780,125	825,9647217	176433,25	825,4349976
08-01-2021 0:00	8:46:43	223403,375	825,9624023	177105,8125	825,4197388
08-01-2021 0:00	8:46:48	223637,1875	825,9624023	177440,875	825,4197388
08-01-2021 0:00	8:46:53	223445,1406	825,9884644	177297,2813	825,4197998
08-01-2021 0:00	8:46:58	222689,4219	825,949585	176624,9063	825,4301147
08-01-2021 0:00	8:47:03	222618,1406	826,0373535	176529,0313	825,423584
08-01-2021 0:00	8:47:08	223112,8438	826,0373535	177012,7344	825,423584
08-01-2021 0:00	8:47:13	222729,7813	826,1696777	176486,1563	825,1624756
08-01-2021 0:00	8:47:18	222972,4531	825,9620972	176718,2344	825,4344482
08-01-2021 0:00	8:47:23	222932,0625	826,1264038	176626,3594	825,1968994
08-01-2021 0:00	8:47:28	224221,9844	825,9298096	177679,4531	825,4161377
08-01-2021 0:00	8:47:33	223119,7969	826,1397095	176710,8906	825,232605
08-01-2021 0:00	8:47:38	222692,2031	825,9347534	176378,2344	825,4581299
08-01-2021 0:00	8:47:43	223312,1094	826,1298218	177000,4688	825,22052
08-01-2021 0:00	8:47:48	223455,8438	825,9451904	177006,7969	825,4282227
08-01-2021 0:00	8:47:53	223348,0625	825,9899902	176962,6406	825,4100952
08-01-2021 0:00	8:47:58	222983,6875	825,9192505	176817,0625	825,4159546
08-01-2021 0:00	8:48:03	223318,875	826,1151733	177007,7031	825,1786499
08-01-2021 0:00	8:48:08	222622,4063	826,0130615	176375,4844	825,4715576
08-01-2021 0:00	8:48:13	222560,2813	826,2637939	176420,5938	825,2507324
08-01-2021 0:00	8:48:18	223390,8281	826,0048218	177252,4844	825,4883423
08-01-2021 0:00	8:48:23	222816,2031	826,1983032	176582,3438	825,1601563
08-01-2021 0:00	8:48:28	222956,4063	826,0152588	176675,1719	825,4074707
08-01-2021 0:00	8:48:33	223397,2031	825,9788818	177149,5781	825,4241333
08-01-2021 0:00	8:48:38	222968,8906	825,9788818	176749,6563	825,4241333
08-01-2021 0:00	8:48:43	223735,0156	826,1647339	177515,4219	825,2640991
08-01-2021 0:00	8:48:48	222726,5156	825,9761353	176620,3438	825,4408569
08-01-2021 0:00	8:48:53	222831,25	825,9439697	176745,7969	825,524231
08-01-2021 0:00	8:48:58	223020,25	825,9439697	176808,8125	825,524231
08-01-2021 0:00	8:49:03	222733,1406	825,9527588	176282,3125	825,4475708
08-01-2021 0:00	8:49:08	223824,4844	825,9837646	177335,625	825,4463501
08-01-2021 0:00	8:49:13	223248,0156	825,9871826	176679,2031	825,4463501
08-01-2021 0:00	8:49:18	223258,375	825,9871826	176857,1875	825,3807373
08-01-2021 0:00	8:49:23	222875,1875	825,9484253	176569,9375	825,4454956
08-01-2021 0:00	8:49:28	223349,2188	825,9696655	177004,0469	825,4295654
08-01-2021 0:00	8:49:33	222823,7813	825,9696655	176767	825,4295654
08-01-2021 0:00	8:49:38	223350,7813	825,9688721	177149,9844	825,418396
08-01-2021 0:00	8:49:43	222919,7656	826,1644287	176558,3438	825,2632446
08-01-2021 0:00	8:49:48	223302,875	825,9686279	177051,6719	825,4272461
08-01-2021 0:00	8:49:53	222974,9844	825,9686279	176764,4531	825,4272461
08-01-2021 0:00	8:49:58	223644,4219	825,9412842	177099,0469	825,4296265
08-01-2021 0:00	8:50:03	222580,0313	826,1777954	176668,7969	825,1854858
08-01-2021 0:00	8:50:08	222915,5156	825,9805908	176906,4063	825,4237671
08-01-2021 0:00	8:50:13	222915,4219	825,9805908	176906,3906	825,4237671
08-01-2021 0:00	8:50:18	222732,125	825,949646	176672,2031	825,3991089
08-01-2021 0:00	8:50:23	223728,7188	825,9838867	177681,5469	825,3795166
08-01-2021 0:00	8:50:28	223149,8438	825,9990845	176962,9531	825,3795166
08-01-2021 0:00	8:50:33	222910,7813	825,9990845	176723,5156	825,3825073
08-01-2021 0:00	8:50:38	223394,625	825,9786377	177146,6094	825,4196777
08-01-2021 0:00	8:50:43	222957,1406	826,003418	176753,5	825,4682617
08-01-2021 0:00	8:50:48	223310,5156	826,003418	177242,7344	825,4682617
08-01-2021 0:00	8:50:53	222639,75	825,9356689	176524,7188	825,4141235
08-01-2021 0:00	8:50:58	222979,0313	825,9209595	176623,7813	825,3979492
08-01-2021 0:00	8:51:03	223342,9063	825,9946289	177057,8125	825,3829346
08-01-2021 0:00	8:51:08	223407,375	825,9946289	177155,5	825,3829346
08-01-2021 0:00	8:51:13	222736,8594	825,9277344	176485,3281	825,3694458
08-01-2021 0:00	8:51:18	223836,7813	825,9328613	177741,6563	825,3136597
08-01-2021 0:00	8:51:23	223159,5469	826,1504517	177196,2813	825,0761719
08-01-2021 0:00	8:51:28	222588,3906	825,9575806	176288,0313	825,3995972
08-01-2021 0:00	8:51:33	223497,25	825,9412842	177436,9063	825,3934326
08-01-2021 0:00	8:51:38	222674,0625	825,9753418	176622,875	825,3908691
08-01-2021 0:00	8:51:43	223589,0781	825,9753418	177475,625	825,3908691
08-01-2021 0:00	8:51:48	222774,7188	825,9571533	176614,0625	825,4368286
08-01-2021 0:00	8:51:53	222861,3906	825,9924927	176760,8281	825,4180298
08-01-2021 0:00	8:51:58	222580,7656	825,967041	176480,9063	825,3829956
08-01-2021 0:00	8:52:03	223302,0781	825,967041	177246,7969	825,3829956
08-01-2021 0:00	8:52:08	222775,4219	825,9588013	176381,3594	825,4011223
08-01-2021 0:00	8:52:13	223275,5469	826,0749512	176856,4219	825,1765747
08-01-2021 0:00	8:52:18	222726,6563	825,9633179	176334,4063	825,3930054
08-01-2021 0:00	8:52:23	223731,25	826,1591797	177196,0625	825,1553955
08-01-2021 0:00	8:52:28	222813,6719	825,9876709	176521,7813	825,4127197
08-01-2021 0:00	8:52:33	223055,1406	826,1733398	176993,9063	825,2132568
08-01-2021 0:00	8:52:38	222916,1563	825,956665	176379,0938	825,451416
08-01-2021 0:00	8:52:43	223347,0156	825,956665	176999,7656	825,4160156
08-01-2021 0:00	8:52:48	222589,2813	825,9196777	176279,5	825,4269409
08-01-2021 0:00	8:52:53	222781,4531	825,9180298	176510,9531	825,4645996
08-01-2021 0:00	8:52:58	223525,1563	825,9180298	177201,6094	825,4645996

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
240MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	1 ValueY [kg/m3]	Consumo [l/h]
	PROMEDIO	223,021	826,12	176,835	825,47	46,186
	DESV EST	389,94	0,12	390,49	0,12	161,84
	% DESV EST	0,1748%	0,0150%	0,2208%	0,0144%	0,3504%
	DATOS	721	721	721	721	721
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	8:53:03	223141,2813	826,0021973	176866,5313	825,366394	46274,75
08-01-2021 0:00	8:53:08	224260,7969	825,9385986	177864,0469	825,4033203	46396,75
08-01-2021 0:00	8:53:13	223443,0156	826,1433716	177147,7656	825,1571045	46295,25
08-01-2021 0:00	8:53:18	222876,4063	825,9498901	176522,5469	825,3948364	46353,85938
08-01-2021 0:00	8:53:23	222828,7188	826,1204224	176570,4375	825,1708374	46258,28125
08-01-2021 0:00	8:53:28	223429,4219	826,0072021	177237,7813	825,4185181	46191,64063
08-01-2021 0:00	8:53:33	222776,1094	825,9404907	176574,875	825,4185181	46201,23438
08-01-2021 0:00	8:53:38	223580,7031	825,9404907	177484,3594	825,3840942	46096,34375
08-01-2021 0:00	8:53:43	223053,7031	826,1656494	177098,2813	825,1611328	45955,42188
08-01-2021 0:00	8:53:48	222444,6719	825,9217529	176240,0781	825,3828125	46204,59375
08-01-2021 0:00	8:53:53	223348,1406	826,1154175	177297,9531	825,1450195	46050,1875
08-01-2021 0:00	8:53:58	222917,4844	825,9465332	176627,0156	825,3597412	46290,46875
08-01-2021 0:00	8:54:03	223587,9531	825,9471436	177390,7813	825,3698783	46197,17188
08-01-2021 0:00	8:54:08	222808,6406	825,9963989	176568,8594	825,4086914	46239,78125
08-01-2021 0:00	8:54:13	223692,9219	825,9963989	177621,9688	825,4086914	46070,95313
08-01-2021 0:00	8:54:18	222686,8438	825,9125366	176474,8438	825,4006348	46212
08-01-2021 0:00	8:54:23	223445,7969	825,9368896	177335,9531	825,4029541	46109,84375
08-01-2021 0:00	8:54:28	222921,3281	825,9238892	176759,3594	825,4029541	46161,96875
08-01-2021 0:00	8:54:33	223255,8906	825,9238892	177094,4219	825,4136353	46161,46875
08-01-2021 0:00	8:54:38	222884,3438	825,8754883	176810,125	825,3997803	46074,21875
08-01-2021 0:00	8:54:43	223257,3125	825,9152222	177205,7344	825,3392334	46051,57813
08-01-2021 0:00	8:54:48	222879,2969	825,9152222	176910,5938	825,3392334	45968,70313
08-01-2021 0:00	8:54:53	222687,5469	825,8876953	176767,0156	825,3807983	45920,53125
08-01-2021 0:00	8:54:58	223063,6875	825,9134521	177389,375	825,3765259	45674,3125
08-01-2021 0:00	8:55:03	222684,6875	826,0923462	176774,0625	825,1057129	45910,625
08-01-2021 0:00	8:55:08	223403,2188	825,8981934	177289,6719	825,3433228	46113,54688
08-01-2021 0:00	8:55:13	222876,3438	825,8972168	176811	825,3952637	46065,34375
08-01-2021 0:00	8:55:18	223447,7813	825,9104614	177337,5156	825,3919067	46110,26563
08-01-2021 0:00	8:55:23	223105,7969	825,9404297	177106,1563	825,3536987	45999,64063
08-01-2021 0:00	8:55:28	223399,7031	825,9404297	177196,9844	825,3536987	46202,71875
08-01-2021 0:00	8:55:33	222920,6563	825,9154663	176861,1406	825,3695068	46059,51563
08-01-2021 0:00	8:55:38	223297,5156	825,9387207	177192,2656	825,3919678	46105,25
08-01-2021 0:00	8:55:43	222773,0938	825,9387207	176624,0156	825,3919678	46149,07813
08-01-2021 0:00	8:55:48	223310,25	825,9295654	177197,5781	825,3627319	46112,67188
08-01-2021 0:00	8:55:53	222831,4063	825,8900146	176665,9844	825,387207	46165,42188
08-01-2021 0:00	8:55:58	223501,0625	825,8937988	177062,3125	825,3192139	46438,75
08-01-2021 0:00	8:56:03	222771,5	825,8937988	176440	825,3192139	46331,5
08-01-2021 0:00	8:56:08	223441,5625	825,9361572	177287,2031	825,3959961	46154,35938
08-01-2021 0:00	8:56:13	223251,5313	825,9299927	176712,2188	825,3990479	46539,3125
08-01-2021 0:00	8:56:18	223215,8281	825,8853149	177305,5625	825,3084717	45910,26563
08-01-2021 0:00	8:56:23	223119,9688	825,8853149	177018,3594	825,3084717	46101,60938
08-01-2021 0:00	8:56:28	223034,3906	825,8447266	176948,6875	825,4047852	46085,70313
08-01-2021 0:00	8:56:33	222873,8281	826,1055908	176719	825,1205444	46154,82813
08-01-2021 0:00	8:56:38	223164,7344	825,8892822	177433,6406	825,3585815	45731,09375
08-01-2021 0:00	8:56:43	222733,3594	825,8892822	176764,3281	825,3745728	45969,03125
08-01-2021 0:00	8:56:48	223200,375	825,9354858	177094,5781	825,3937988	46105,79688
08-01-2021 0:00	8:56:53	223016,1875	825,9086914	176858,0781	825,3803101	46158,10938
08-01-2021 0:00	8:56:58	223017,4844	825,9086914	177242,0938	825,3803101	45775,39063
08-01-2021 0:00	8:57:03	222538,3438	825,9031372	176571,9375	825,3751221	45966,40625
08-01-2021 0:00	8:57:08	223113,6563	825,897644	177097,25	825,3806152	46016,40625
08-01-2021 0:00	8:57:13	222686,375	825,8799438	176481,9688	825,3474731	46204,40625
08-01-2021 0:00	8:57:18	223209,9063	825,8799438	177052,5	825,3474731	46157,40625
08-01-2021 0:00	8:57:23	222635,2344	825,8930664	176573,8906	825,3659058	46061,34375
08-01-2021 0:00	8:57:28	223175,7188	825,8410034	176858,4063	825,3783569	46317,3125
08-01-2021 0:00	8:57:33	222583,7344	825,902771	176428,2969	825,3783569	46155,4375
08-01-2021 0:00	8:57:38	222712,8906	825,902771	176523,4844	825,3753662	46189,40625
08-01-2021 0:00	8:57:43	223958,25	825,9568481	177720,1563	825,3779297	46238,09375
08-01-2021 0:00	8:57:48	223253,7813	825,9020386	176989,4531	825,4352417	46264,32813
08-01-2021 0:00	8:57:53	222774,6406	825,9020386	176422,2813	825,4352417	46352,35938
08-01-2021 0:00	8:57:58	223682,6719	825,9042969	177044,5469	825,4007568	46638,125
08-01-2021 0:00	8:58:03	222866,2656	826,109314	176714,4063	825,1390381	46151,85938
08-01-2021 0:00	8:58:08	222913,9219	825,9071045	176676,625	825,3289795	46237,29688
08-01-2021 0:00	8:58:13	223922,2344	825,9071045	177825,4219	825,3289795	46096,8125
08-01-2021 0:00	8:58:18	222916,0469	825,8971558	176901,2188	825,3952026	46014,82813
08-01-2021 0:00	8:58:23	222299,7656	826,0661621	176384,1875	825,1120605	45915,57813
08-01-2021 0:00	8:58:28	222774,1563	825,8937988	176819,3125	825,3293457	45954,84375
08-01-2021 0:00	8:58:33	222391,4219	826,0872803	176532,1094	825,0913086	45859,3125
08-01-2021 0:00	8:58:38	223199,7188	825,914978	176905,3906	825,3757935	46294,32813
08-01-2021 0:00	8:58:43	222867,2031	826,1005249	176560,375	825,1850586	46306,82813
08-01-2021 0:00	8:58:48	223448,2969	825,8803711	177101,1094	825,4231567	46347,1875
08-01-2021 0:00	8:58:53	222921,6094	826,0730591	176766,0313	825,1130371	46155,57813
08-01-2021 0:00	8:58:58	223309,9063	825,8612671	177194,25	825,3636475	46115,65625
08-01-2021 0:00	8:59:03	223068,6406	825,8637695	176854,6094	825,3815308	46214,03125
08-01-2021 0:00	8:59:08	222780,2344	825,8637695	176440,3906	825,3815308	46339,84375
08-01-2021 0:00	8:59:13	223881,8125	825,8689575	177541,3906	825,3022461	46340,42188
08-01-2021 0:00	8:59:18	223149,4063	825,9221191	176806,4063	825,3793335	46343
08-01-2021 0:00	8:59:23	223442,8594	826,0918579	177193,625	825,1204224	46249,23438
08-01-2021 0:00	8:59:28	223540,1875	825,8959351	177147,2188	825,3588867	46392,96875
08-01-2021 0:00	8:59:33	222870,5938	826,0765991	176716,3594	825,1138916	46154,23438
08-01-2021 0:00	8:59:38	223441,4375	825,8995361	177299,5625	825,3103027	46141,875
08-01-2021 0:00	8:59:43	223209,7344	825,8696899	177001,2344	825,3103027	46208,5
08-01-2021 0:00	8:59:48	223312,5313	825,8696899	176566,9844	825,3632813	46745,54688
08-01-2021 0:00	8:59:53	222928,9844	825,8442993	176710,5625	825,380127	46218,42188
08-01-2021 0:00	8:59:58	223206,8125	825,8774414	176903,8281	825,3676147	46302,98438
08-01-2021 0:00	9:00:03	223000,0781	826,0709839	176853,875	825,1293335	46146,20313

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	ValueY [kg/m3]	
PROMEDIO		222.683	825.58	179.759	825.01	42.924
DESV EST		369.13	0.15	376.90	0.16	172.65
% DESV EST		0,1658%	0,0181%	0,2097%	0,0197%	0,4022%
DATOS		721	721	721	721	721
Tiempo [hh:mm:ss]		l/h	kg/m3	l/h	kg/m3	l/h
08:01:2021 0:00	9:15:03	222349.3281	825.7567749	179829.375	825.2716675	42519.95313
08:01:2021 0:00	9:15:08	222875.2813	825.7590332	180301.25	825.303772	42574.03125
08:01:2021 0:00	9:15:13	222396.3906	825.7590332	180014.0313	825.303772	42382.35938
08:01:2021 0:00	9:15:18	222635.5	825.7615356	180160.8906	825.2924805	42474.60938
08:01:2021 0:00	9:15:23	222223.7656	825.6871948	179633.5313	825.2965698	42590.23438
08:01:2021 0:00	9:15:28	222782.5625	825.7478638	180072.1563	825.2965698	42710.40625
08:01:2021 0:00	9:15:33	222735.2344	825.7478638	179976.4375	825.2597046	42758.79688
08:01:2021 0:00	9:15:38	222553.9688	825.7070313	179932.375	825.2453613	42621.59375
08:01:2021 0:00	9:15:43	222415.5313	825.6872559	179873.5156	825.2971191	42542.01563
08:01:2021 0:00	9:15:48	222208.8906	825.6872559	179683.5938	825.2971191	42525.29688
08:01:2021 0:00	9:15:53	223118.625	825.7438965	180640.9219	825.2896118	42477.70313
08:01:2021 0:00	9:15:58	222401.6875	825.7382202	179836.5313	825.2456665	42565.15625
08:01:2021 0:00	9:16:03	222440.3438	825.7748413	180208	825.2993774	42232.34375
08:01:2021 0:00	9:16:08	222121.2344	825.7748413	179490.4844	825.2993774	42630.75
08:01:2021 0:00	9:16:13	223317.6563	825.9042969	180543.5	825.0592041	42774.15625
08:01:2021 0:00	9:16:18	222509.375	825.6893921	179839.625	825.2313232	42669.75
08:01:2021 0:00	9:16:23	222313.0625	825.8986206	179576.3906	825.1053467	42736.67188
08:01:2021 0:00	9:16:28	222155.6094	825.7074585	179498.8125	825.343811	42656.79688
08:01:2021 0:00	9:16:33	223401.1563	825.7596436	180551.1875	825.2579956	42849.96875
08:01:2021 0:00	9:16:38	222695.6875	825.7050171	179819.5	825.3220825	42876.1875
08:01:2021 0:00	9:16:43	222201.625	825.7590942	179586.1719	825.3220825	42615.45313
08:01:2021 0:00	9:16:48	222787.9219	825.7590942	179969.1094	825.2940674	42818.8125
08:01:2021 0:00	9:16:53	222692.7656	825.9086304	179873.6719	825.0540771	42819.09375
08:01:2021 0:00	9:16:58	223498.4375	825.7474365	180405.1719	825.269104	43093.26563
08:01:2021 0:00	9:17:03	222680.6406	825.7474365	179926.5	825.269104	42754.14063
08:01:2021 0:00	9:17:08	223111.8906	825.7601318	180353.3906	825.2874146	42758.5
08:01:2021 0:00	9:17:13	222597.6875	825.7128906	179925.0156	825.2763672	42672.67188
08:01:2021 0:00	9:17:18	222827.375	825.7497559	180023.25	825.2646484	42804.125
08:01:2021 0:00	9:17:23	223066.9063	825.7497559	180263.2813	825.2646484	42803.625
08:01:2021 0:00	9:17:28	222801.4531	825.6734009	180073.9688	825.2548218	42727.48438
08:01:2021 0:00	9:17:33	222796.7813	825.6881714	180114.0781	825.2911377	42682.70313
08:01:2021 0:00	9:17:38	222967.1563	825.7645874	180410.5938	825.2911377	42556.5625
08:01:2021 0:00	9:17:43	222488.25	825.7645874	179692.5469	825.2473145	42795.70313
08:01:2021 0:00	9:17:48	223019.2656	825.74646	180546.4063	825.2803955	42472.85938
08:01:2021 0:00	9:17:53	222402.5313	825.9154053	179982.375	824.9966431	42420.15625
08:01:2021 0:00	9:17:58	223127.2344	825.7241211	180657.1719	825.2349854	42470.0625
08:01:2021 0:00	9:18:03	222647.0938	825.6966553	180082.75	825.2134399	42564.34375
08:01:2021 0:00	9:18:08	222254.8438	825.7318726	179550.1094	825.2380371	42704.73438
08:01:2021 0:00	9:18:13	222585.7031	825.7484131	179863.3281	825.3370972	42722.375
08:01:2021 0:00	9:18:18	222498.3281	825.7484131	179693.9219	825.3370972	42804.40625
08:01:2021 0:00	9:18:23	222354.5469	825.7168579	179502.4688	825.2333984	42852.07813
08:01:2021 0:00	9:18:28	223068.6875	825.7315063	180227.25	825.1975098	42841.4375
08:01:2021 0:00	9:18:33	222584.6563	825.7505493	179737.0625	825.2515869	42847.59375
08:01:2021 0:00	9:18:38	222585.7969	825.7505493	179982.8281	825.2515869	42602.96875
08:01:2021 0:00	9:18:43	222777.25	825.7489014	179599.7969	825.2219238	43177.45313
08:01:2021 0:00	9:18:48	222784	825.7243042	179891.4844	825.2008667	42892.51563
08:01:2021 0:00	9:18:53	223160.1563	825.7243042	180166.8906	825.2008667	42993.26563
08:01:2021 0:00	9:18:58	222587.625	825.7515869	179789.7188	825.2563477	42797.90625
08:01:2021 0:00	9:19:03	222443.6563	825.7437134	179502.5156	825.229126	42941.14063
08:01:2021 0:00	9:19:08	223120.6719	825.7184448	180217.5156	825.239563	42903.15625
08:01:2021 0:00	9:19:13	222556.7969	825.7184448	179769.7813	825.239563	42787.01563
08:01:2021 0:00	9:19:18	223277.2031	825.6807861	180487.7188	825.319397	42789.48438
08:01:2021 0:00	9:19:23	222558.5313	825.8642578	179790.5156	824.9831543	42768.01563
08:01:2021 0:00	9:19:28	223312.25	825.7219238	180938.5625	825.2215576	42373.6875
08:01:2021 0:00	9:19:33	222880.9688	825.9119263	180268.4219	824.9830322	42612.54688
08:01:2021 0:00	9:19:38	222501.3125	825.7095337	179737.2188	825.2433472	42764.09375
08:01:2021 0:00	9:19:43	223161.5	825.9404297	180272.6094	824.9633179	42888.89063
08:01:2021 0:00	9:19:48	222401.2188	825.7213745	179646.8594	825.2019043	42754.35938
08:01:2021 0:00	9:19:53	222975.9063	825.9128418	180077.6719	824.9795532	42898.23438
08:01:2021 0:00	9:19:58	222411.3125	825.6833496	179503.6094	825.2163086	42907.70313
08:01:2021 0:00	9:20:03	223058.4844	825.9598389	180353.9688	825.0305176	42704.51563
08:01:2021 0:00	9:20:08	222541.4219	825.7678833	179730.0781	825.2692261	42811.34375
08:01:2021 0:00	9:20:13	222206.3281	825.9264526	179778	825.0343018	42428.32813
08:01:2021 0:00	9:20:18	222988.1094	825.6750488	180065.0313	825.2735596	42923.07813
08:01:2021 0:00	9:20:23	222783.1719	825.9161377	179871.7969	825.0430908	42911.375
08:01:2021 0:00	9:20:28	223735.2656	825.7259521	180743.875	825.2819214	42991.39063
08:01:2021 0:00	9:20:33	223399.9531	825.9342651	180360.9531	824.9945679	43039
08:01:2021 0:00	9:20:38	222546.6094	825.7122192	179505.7656	825.1985474	43040.84375
08:01:2021 0:00	9:20:43	223033.7813	825.6812744	180150.8125	825.1985474	42882.96875
08:01:2021 0:00	9:20:48	222409.9688	825.6812744	179646.3906	825.3165894	42763.57813
08:01:2021 0:00	9:20:53	222743.0156	825.878418	180220.75	824.973938	42522.26563
08:01:2021 0:00	9:20:58	222111.0938	825.720459	179441.1563	825.2741089	42669.9375
08:01:2021 0:00	9:21:03	222166.5	825.720459	179448.5469	825.2741089	42717.95313
08:01:2021 0:00	9:21:08	222837.0156	825.6921997	179975.0781	825.2389526	42861.9375
08:01:2021 0:00	9:21:13	222444.0938	825.7607422	179401.7813	825.2337646	42842.3125
08:01:2021 0:00	9:21:18	222821.75	825.7451782	180118.8438	825.2346191	42702.90625
08:01:2021 0:00	9:21:23	222455.6875	825.7451782	179633.4375	825.2346191	42822.25
08:01:2021 0:00	9:21:28	222888.0625	825.6768188	180398.4531	825.2662964	42489.60938
08:01:2021 0:00	9:21:33	222638.6563	825.90271	179695.1875	824.958374	42943.46875
08:01:2021 0:00	9:21:38	222777.6406	825.7336426	179496.2813	824.958145	43281.35938
08:01:2021 0:00	9:21:43	223594.6563	825.7336426	180357.8906	825.236145	43236.76563
08:01:2021 0:00	9:21:48	222685.5469	825.7220459	179585.3594	825.2675171	43100.1875
08:01:2021 0:00	9:21:53	223211.1563	825.7276001	180263.5625	825.2254639	42947.59375
08:01:2021 0:00	9:21:58	223072.1563	825.708313	180071.2344	825.2254639	43000.92188
08:01:2021 0:00	9:22:03	222365.7188	825.8948985	179544.7188	824.9902954	42761
08:01:2021 0:00	9:22:08	223123.0313	825.6900635	180312.0625	825.2223511	42810.96875
08:01:2021 0:00	9:22:13	222431.8125	825.9581909	179630.0156	825.0355225	42801.79688
08:01:2021 0:00	9:22:18	223260.8906	825.7676392	180356.6875	825.2744751	42904.20313
08:01:2021 0:00	9:22:23	222734.0781	825.9038696	179973.75	824.994873	42760.32813
08:01:2021 0:00	9:22:28	222836.4844	825.6871948	180067.1406	825.244812	42769.34375
08:01:2021 0:00	9:22:33	222302.9063	825.8983154	179445.1406	825.0045776	42857.76563
08:01:2021 0:00	9:22:38	222786.7031	825.7076416	179969.9375	825.2434692	42816.76563
08:01:2021 0:00	9:22:43	222307.5625	825.8843994	179443.3906	825.0128784	42864.17188
08:01:2021 0:00	9:22:48	222751.0625	825.6471558	179982.1719	825.1943359	42768.89063
08:01:2021 0:00	9:22:53	222285.2188	825.96698	179487.5781	824.9556274	42797.64063
08:01:2021 0:00	9:22:58	222639.0625	825.776001	179872.7188	825.2692261	42766.34375
08:01:2021 0:00	9:23:03	222352.0156	825.7053223	179441.2656	825.2545166	42910.75
08:01:2021 0:00	9:23:08	223221.7813	825.6748047	180257.4219	825.243042	42964.35938
08:01:2021 0:00	9:23:13	222549.4219	825.8648682	179629.0781	825.0042114	42920.34375
08:01:2021 0:00	9:23:18	223427.6875	825.6813965	180729.9063	825.2678833	42697.78125
08:01:2021 0:00	9:23:23	223092.3906	825.9925537	180304.7188	825.0028687	42787.67188
08:01:2021 0:00	9:23:28	222260.4688	825.6880493	17950		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.683	825,58	179.759	825,01	42.924	
DESV EST	369,13	0,15	376,90	0,16	172,65	
% DESV EST	0,1658%	0,0181%	0,2097%	0,0197%	0,4022%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	9:23:53	222547,5469	825,6663208	179778,7813	825,2388306	42768,76563
08-01-2021 0:00	9:23:58	223457,6406	825,6895752	180591,1406	825,2449951	42866,5
08-01-2021 0:00	9:24:03	222935,0313	825,8631592	179883,5313	824,9537354	43051,5
08-01-2021 0:00	9:24:08	222546,9531	825,690979	179349,6094	825,192749	43197,34375
08-01-2021 0:00	9:24:13	222547,2813	825,8818359	179685,5469	824,9882202	42861,73438
08-01-2021 0:00	9:24:18	223018,2031	825,7160645	180118,7656	825,2158813	42899,4375
08-01-2021 0:00	9:24:23	222461,0469	825,6489868	179549,1719	825,1930542	42911,875
08-01-2021 0:00	9:24:28	222843,9375	825,6489868	179778,9063	825,1930542	43065,03125
08-01-2021 0:00	9:24:33	222604,7656	825,6505737	179683,2188	825,2382813	42921,54688
08-01-2021 0:00	9:24:38	223038,8125	825,6395874	180076,3438	825,1904297	42962,46875
08-01-2021 0:00	9:24:43	222591,3125	825,6931763	179688	825,2156982	42903,3125
08-01-2021 0:00	9:24:48	223461,2188	825,6931763	180508,8438	825,2156982	42952,375
08-01-2021 0:00	9:24:53	222934,1094	825,8481445	180317,3594	824,9434814	42616,75
08-01-2021 0:00	9:24:58	222214,0938	825,6662598	179306,5	825,2089844	42907,59375
08-01-2021 0:00	9:25:03	222777,0313	825,9024048	179927	824,9698486	42850,03125
08-01-2021 0:00	9:25:08	222119,0313	825,7113647	179252,5313	825,2169189	42866,5
08-01-2021 0:00	9:25:13	223076,9219	825,6643066	180113,25	825,2340088	42963,67188
08-01-2021 0:00	9:25:18	222257,2344	825,680603	179213,125	825,1897583	43044,10938
08-01-2021 0:00	9:25:23	223455,6094	825,680603	180550,9844	825,1897583	42904,625
08-01-2021 0:00	9:25:28	222639,1563	825,6771851	179737,1719	825,2016602	42901,98438
08-01-2021 0:00	9:25:33	222064,6875	825,6884766	179208,6563	825,2109375	42856,03125
08-01-2021 0:00	9:25:38	222993,8438	825,6170654	179722,75	825,2695923	43271,09375
08-01-2021 0:00	9:25:43	222601,0781	825,6170654	179447,1094	825,2695923	43153,96875
08-01-2021 0:00	9:25:48	223270,1719	825,6540527	180165,0781	825,2153931	43105,09375
08-01-2021 0:00	9:25:53	222788,3906	825,854248	179604,7813	824,9064941	43183,60938
08-01-2021 0:00	9:25:58	223310,1563	825,68573	180317,8125	825,1722412	42992,34375
08-01-2021 0:00	9:26:03	222787,2969	825,876709	179839,1406	824,9329834	42948,15625
08-01-2021 0:00	9:26:08	222930,9531	825,6660156	179884,5156	825,184021	43046,4375
08-01-2021 0:00	9:26:13	222919,9688	825,8973999	179929,7031	824,9578857	42990,26563
08-01-2021 0:00	9:26:18	222781,5938	825,7064209	179919,2344	825,1969604	42862,35938
08-01-2021 0:00	9:26:23	222829,4375	825,8798828	179726,2969	825,0065308	43103,14063
08-01-2021 0:00	9:26:28	222976,4063	825,6752319	180023,4531	825,1986084	42952,95313
08-01-2021 0:00	9:26:33	222492,4688	825,8843384	179538,7813	824,987854	42953,6875
08-01-2021 0:00	9:26:38	223204,4844	825,6931763	180407,625	825,2269897	42796,85938
08-01-2021 0:00	9:26:43	222724,625	825,9068604	179928,9688	824,9539795	42795,65625
08-01-2021 0:00	9:26:48	222785,5313	825,6682739	179730,3594	825,2265625	43055,17188
08-01-2021 0:00	9:26:53	222976,1094	825,8594971	179975,0313	824,9622192	43001,07813
08-01-2021 0:00	9:26:58	222221,4531	825,670105	179391,625	825,2012329	42829,82813
08-01-2021 0:00	9:27:03	222461,0781	825,8168335	179535,25	825,0040894	42925,82813
08-01-2021 0:00	9:27:08	222167,2969	825,651062	179211,2656	825,1917725	42956,03125
08-01-2021 0:00	9:27:13	222598,0156	825,8427734	179408,75	824,9525146	43189,26563
08-01-2021 0:00	9:27:18	222799,3438	825,6525269	179776,875	825,1629028	43022,46875
08-01-2021 0:00	9:27:23	222559,8125	825,6126099	179441,8594	825,2327271	43117,95313
08-01-2021 0:00	9:27:28	223282,9219	825,5951538	179974,8594	825,2020874	43308,0625
08-01-2021 0:00	9:27:33	222775,9688	825,5951538	179460,3438	825,2020874	43315,625
08-01-2021 0:00	9:27:38	223592	825,7020264	180416,2188	825,1452026	43175,78125
08-01-2021 0:00	9:27:43	222777,375	825,8876343	179739,0625	824,9387207	43038,3125
08-01-2021 0:00	9:27:48	223411,4531	825,6607666	180449,6094	825,2166748	42961,84375
08-01-2021 0:00	9:27:53	222601,7031	825,8516846	179827,3438	824,9778442	42774,35938
08-01-2021 0:00	9:27:58	222696,9844	825,6419678	179886,375	825,1641235	42810,60938
08-01-2021 0:00	9:28:03	222689,4844	825,6708984	179738,5469	825,1838989	42950,9375
08-01-2021 0:00	9:28:08	223214,6875	825,6757813	180216,1563	825,1838989	42998,53125
08-01-2021 0:00	9:28:13	222687,9375	825,6757813	179737,4531	825,1928101	42950,48438
08-01-2021 0:00	9:28:18	223357,9375	825,6771851	180403,1719	825,2063599	42954,76563
08-01-2021 0:00	9:28:23	222781,1094	825,6841431	179925,4688	825,2016602	42855,64063
08-01-2021 0:00	9:28:28	222312,7813	825,6841431	179395,6094	825,2016602	42917,17188
08-01-2021 0:00	9:28:33	222743,8125	825,835083	179634,1094	824,9779053	43109,70313
08-01-2021 0:00	9:28:38	222782,8906	825,6780396	179736,2344	825,1912231	43046,65625
08-01-2021 0:00	9:28:43	222730,7031	825,6942139	179684,6875	825,208313	43046,01563
08-01-2021 0:00	9:28:48	222590,2344	825,6942139	179544,5313	825,208313	43045,70313
08-01-2021 0:00	9:28:53	223260,8125	825,8731079	180309,7344	824,9487915	42951,07813
08-01-2021 0:00	9:28:58	223016,4844	825,6881104	180300,2344	825,2360229	42716,25
08-01-2021 0:00	9:29:03	222585,5625	825,6882935	179641,2188	825,18396	42944,34375
08-01-2021 0:00	9:29:08	222633,0313	825,6882935	179635,6875	825,18396	42997,34375
08-01-2021 0:00	9:29:13	222776,5625	825,6911621	179826,2969	825,2098999	42950,26563
08-01-2021 0:00	9:29:18	222678,9688	825,6984253	179882,9063	825,1729126	42796,0625
08-01-2021 0:00	9:29:23	222684	825,8910522	179696,7031	824,9337158	42987,29688
08-01-2021 0:00	9:29:28	222592,2969	825,6799927	179695,9531	825,1478271	42896,34375
08-01-2021 0:00	9:29:33	223262,7188	825,6651611	180270	825,1497192	42992,71875
08-01-2021 0:00	9:29:38	222565,6875	825,583374	179738,7031	825,171875	42826,98438
08-01-2021 0:00	9:29:43	222991,4375	825,583374	180213,6719	825,171875	42777,76563
08-01-2021 0:00	9:29:48	222512,8125	825,6018066	179687,0938	825,1893921	42825,71875
08-01-2021 0:00	9:29:53	223118,375	825,852764	180303,5469	824,9772949	42814,82813
08-01-2021 0:00	9:29:58	222404,9063	825,6439209	179504,2031	825,1491089	42900,70313
08-01-2021 0:00	9:30:03	223787,7188	825,6439209	180892,4219	825,1491089	42895,29688
08-01-2021 0:00	9:30:08	222829,5781	825,6674194	179935,1094	825,1489258	42894,46875
08-01-2021 0:00	9:30:13	222400,4688	825,8504028	179447,625	824,9509277	42952,84375
08-01-2021 0:00	9:30:18	222599,9688	825,630188	179736,2656	825,1901245	42863,70313
08-01-2021 0:00	9:30:23	222887,6875	825,630188	179553,3281	825,1834106	43534,35938
08-01-2021 0:00	9:30:28	222825,1094	825,6848755	179745,6719	825,1351929	43079,4375
08-01-2021 0:00	9:30:33	222394,7813	825,8740234	179357,0313	824,9226074	43037,75
08-01-2021 0:00	9:30:38	222748,2969	825,6821899	179689,5469	825,1621094	43058,75
08-01-2021 0:00	9:30:43	222987,625	825,6141968	180071,6406	825,170166	42915,98438
08-01-2021 0:00	9:30:48	222787,0469	825,644043	179791,3594	825,1375122	42995,6875
08-01-2021 0:00	9:30:53	222747,0156	825,6140747	179795,9844	825,1159058	42951,03125
08-01-2021 0:00	9:30:58	222682,4531	825,6140747	179542,0313	825,1159058	43140,42188
08-01-2021 0:00	9:31:03	222730,1406	825,6778564	179877,0781	825,1847534	42853,0625
08-01-2021 0:00	9:31:08	222359,0313	825,6331787	179395,0469	825,2005615	42963,98438
08-01-2021 0:00	9:31:13	222842,4219	825,8093872	179825,0313	824,9611206	43017,39063
08-01-2021 0:00	9:31:18	222977,0469	825,616272	180020,4844	825,208252	42956,5625
08-01-2021 0:00	9:31:23	222401,9375	825,8408203	179997,3438	824,9503174	43004,59375
08-01-2021 0:00	9:31:28	222934,0625	825,6305542	179879,9219	825,1713257	43054,14063
08-01-2021 0:00	9:31:33	222462,4375	825,821106	179355,0938	824,9318237	43107,34375
08-01-2021 0:00	9:31:38	223421,0156	825,6021118	180407,5313	825,1629639	43013,48438
08-01-2021 0:00	9:31:43	222894,0938	825,6000977	17		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.683	825,58	179.759	825,01	42.924	
DESV EST	369,13	0,15	376,90	0,16	172,65	
% DESV EST	0,1658%	0,0181%	0,2097%	0,0197%	0,4022%	
DATOS	721	721	721	721	721	
Tiempo [hh:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	9:32:43	222514,2344	825,7702026	179495,8594	824,9296265	43018,375
08-01-2021 0:00	9:32:48	222832,6406	825,5775757	180030,4375	825,1691284	42802,20313
08-01-2021 0:00	9:32:53	222305,7656	825,831543	179359,4688	824,8920898	42946,29688
08-01-2021 0:00	9:32:58	223116,4531	825,6505737	180217,6094	825,1477661	42898,84375
08-01-2021 0:00	9:33:03	222748,8125	825,7819824	179639,7344	824,9246216	43109,07813
08-01-2021 0:00	9:33:08	223836,5469	825,5912476	180605,3125	825,1642456	43231,23438
08-01-2021 0:00	9:33:13	223357,3438	825,6455078	180126,6406	825,1254272	43230,70313
08-01-2021 0:00	9:33:18	222587,1875	825,6602783	179455,2969	825,1306152	43131,89063
08-01-2021 0:00	9:33:23	223127,3125	825,8018799	180082,9688	824,8909912	43044,34375
08-01-2021 0:00	9:33:28	222038,8594	825,6100464	179358,0625	825,1055298	42680,79688
08-01-2021 0:00	9:33:33	222564,7031	825,5595093	179645,2969	825,1380005	42919,40625
08-01-2021 0:00	9:33:38	222931	825,6235962	180019,2813	825,1762085	42911,71875
08-01-2021 0:00	9:33:43	222737,6563	825,6235962	179534,2656	825,1762085	43203,39063
08-01-2021 0:00	9:33:48	223644,3438	825,630188	180588,125	825,2098389	43056,21875
08-01-2021 0:00	9:33:53	222925,625	825,835022	179974,6563	824,9216309	42950,96875
08-01-2021 0:00	9:33:58	222312,4375	825,6083984	179497,875	825,1484375	42814,5625
08-01-2021 0:00	9:34:03	222473,1875	825,6083984	179606,9219	825,1484375	42866,26563
08-01-2021 0:00	9:34:08	223287,5156	825,5425415	180373,75	825,0853882	42913,76563
08-01-2021 0:00	9:34:13	222989,3438	825,7718506	179978,5938	824,9030151	43010,75
08-01-2021 0:00	9:34:18	222650,7656	825,5976563	179360,8594	825,1210327	43289,90625
08-01-2021 0:00	9:34:23	223418,3281	825,5976563	180031,0781	825,1210327	43387,25
08-01-2021 0:00	9:34:28	222508,2813	825,5931396	179352,75	825,1556396	43155,53125
08-01-2021 0:00	9:34:33	222840,4844	825,7963867	179644,7813	824,9006348	43195,70313
08-01-2021 0:00	9:34:38	222855,7813	825,5470581	179685,2813	825,1402588	43170,5
08-01-2021 0:00	9:34:43	222759,6875	825,7386475	179589,5469	824,9352417	43170,14063
08-01-2021 0:00	9:34:48	223644,9844	825,6418457	180423,3125	825,0774536	43221,67188
08-01-2021 0:00	9:34:53	223283,6875	825,5576782	180168,3438	825,1507568	43115,34375
08-01-2021 0:00	9:34:58	222367,4375	825,5576782	179212,7969	825,1507568	43154,64063
08-01-2021 0:00	9:35:03	222463,5469	825,5808105	179452,125	825,1422119	43011,42188
08-01-2021 0:00	9:35:08	223131,8438	825,5891113	180220,375	825,1309204	42911,46875
08-01-2021 0:00	9:35:13	222400,2656	825,8283081	179645,0938	824,8953247	42755,17188
08-01-2021 0:00	9:35:18	222744,6563	825,6372681	180088,2813	825,1350098	42656,375
08-01-2021 0:00	9:35:23	222553,2188	825,7908325	179944,6875	824,829834	42608,53125
08-01-2021 0:00	9:35:28	223325,3594	825,5820923	179882,2344	825,1378784	43443,125
08-01-2021 0:00	9:35:33	222843,9531	825,5894775	179729,0781	825,1378784	43114,875
08-01-2021 0:00	9:35:38	222754,1875	825,5894775	179636,1563	825,1826782	43118,03125
08-01-2021 0:00	9:35:43	222659,4219	825,5637207	179492,5313	825,1731567	43166,89063
08-01-2021 0:00	9:35:48	223374,6563	825,5765991	180210,875	825,1679688	43163,78125
08-01-2021 0:00	9:35:53	222747,8125	825,5765991	179654,3438	825,1679688	43093,46875
08-01-2021 0:00	9:35:58	222889,3125	825,5878296	179845,7969	825,0840454	43043,51563
08-01-2021 0:00	9:36:03	222553,8281	825,5963135	179507,1875	825,100708	43046,64063
08-01-2021 0:00	9:36:08	223125,9375	825,6079712	180228,2813	825,0864868	42897,65625
08-01-2021 0:00	9:36:13	222737,0625	825,7988892	179652,9688	824,8468628	43084,09375
08-01-2021 0:00	9:36:18	222976,7969	825,6247559	179884,3906	825,1201782	43092,40625
08-01-2021 0:00	9:36:23	223072,0313	825,6217041	180123,7031	825,1203003	42948,32813
08-01-2021 0:00	9:36:28	222072,4531	825,5967407	179272,9219	825,1203003	42799,53125
08-01-2021 0:00	9:36:33	222934,7656	825,5967407	180182,4531	825,0691528	42752,3125
08-01-2021 0:00	9:36:38	222601,25	825,586731	179754,8125	825,0542603	42846,4375
08-01-2021 0:00	9:36:43	222596,6875	825,6043701	179699,5781	825,0925293	42897,10938
08-01-2021 0:00	9:36:48	222605,0313	825,6043701	179655,5938	825,0925293	42949,4375
08-01-2021 0:00	9:36:53	222365,6406	825,5767212	179368,375	825,0741577	42997,26563
08-01-2021 0:00	9:36:58	223069,4844	825,6312256	179975,3906	825,1459351	43094,09375
08-01-2021 0:00	9:37:03	222593,0938	825,6217651	179586,1875	825,171936	43006,90625
08-01-2021 0:00	9:37:08	222887,2813	825,6217651	179975,9219	825,171936	42911,35938
08-01-2021 0:00	9:37:13	222504,3438	825,5963135	179592,875	825,1401367	42911,46875
08-01-2021 0:00	9:37:18	222939,2188	825,5820923	179818,2656	825,2058105	43120,95313
08-01-2021 0:00	9:37:23	222505,0469	825,5941162	179403,1094	825,1324463	43101,9375
08-01-2021 0:00	9:37:28	222702,4219	825,5941162	179938,7188	825,1324463	42763,70313
08-01-2021 0:00	9:37:33	222845,8438	825,5723877	180034,4531	825,0862427	42811,39063
08-01-2021 0:00	9:37:38	222468,1719	825,5511475	179598,7969	825,1088257	42869,375
08-01-2021 0:00	9:37:43	222991,75	825,7435303	180086,75	824,8690186	42905
08-01-2021 0:00	9:37:48	222212,8906	825,5650024	179313,25	825,0654297	42899,64063
08-01-2021 0:00	9:37:53	222260,7031	825,6113892	179409,0469	825,1010132	42851,65625
08-01-2021 0:00	9:37:58	222973,6094	825,6278687	180176,375	825,0941162	42797,23438
08-01-2021 0:00	9:38:03	222639,2813	825,6278687	179688,0469	825,0941162	42951,23438
08-01-2021 0:00	9:38:08	222361,375	825,6246338	179544,4063	825,1394653	42816,96875
08-01-2021 0:00	9:38:13	222122,0469	825,7746582	179125,6875	824,8422241	42996,35938
08-01-2021 0:00	9:38:18	222599,2031	825,5910645	179683,125	825,1627197	42916,07813
08-01-2021 0:00	9:38:23	222924,9063	825,5910645	179873,75	825,1627197	43051,15625
08-01-2021 0:00	9:38:28	222445,9844	825,6276245	179588,4688	825,1497803	42857,51563
08-01-2021 0:00	9:38:33	223177,6406	825,7696533	180213,5938	824,8963013	42964,04688
08-01-2021 0:00	9:38:38	222393,2188	825,6465454	179600,4688	825,1362305	42792,75
08-01-2021 0:00	9:38:43	223255,25	825,6465454	180414,2656	825,0971069	42840,98438
08-01-2021 0:00	9:38:48	222511,8125	825,5582886	179399,7969	825,1403809	43112,01563
08-01-2021 0:00	9:38:53	221985,9531	825,5552368	179029,125	825,0824585	42956,82813
08-01-2021 0:00	9:38:58	222553,9219	825,5552368	179496,7656	825,0824585	43057,15625
08-01-2021 0:00	9:39:03	222362,6094	825,7692871	179304,5	824,8905029	43058,10938
08-01-2021 0:00	9:39:08	222452,1406	825,5970459	179395,25	825,1540527	43056,89063
08-01-2021 0:00	9:39:13	222872,4063	825,6384277	179979,4688	825,1078491	42892,9375
08-01-2021 0:00	9:39:18	222554,3281	825,6384277	179648,6563	825,1078491	42905,67188
08-01-2021 0:00	9:39:23	222219,3594	825,5720215	179313,6563	825,0874634	42905,70313
08-01-2021 0:00	9:39:28	222602,4219	825,5706177	179642,5313	825,112854	42959,89063
08-01-2021 0:00	9:39:33	222314,4063	825,5737915	179220,0938	825,0732422	43094,3125
08-01-2021 0:00	9:39:38	222597,9531	825,5737915	179595,3438	825,0732422	43002,60938
08-01-2021 0:00	9:39:43	223842,2188	825,5894165	180744,9531	825,1096802	43097,26563
08-01-2021 0:00	9:39:48	222702,4844	825,5493774	179839,6875	825,0897827	42862,79688
08-01-2021 0:00	9:39:53	222357,8906	825,737915	179251,4688	824,8496094	43106,42188
08-01-2021 0:00	9:39:58	222489,0313	825,5858765	179403,8125	825,1549072	43085,21875
08-01-2021 0:00	9:40:03	223303,375	825,6346436	180265,4688	825,1135254	43037,90625
08-01-2021 0:00	9:40:08	222758,1406	825,5220947	179687,9375	825,1245117	43070,20313
08-01-2021 0:00	9:40:13	222457,3125	825,7133179	179446,2031	824,8843994	43011,10938
08-01-2021 0:00	9:40:18	222887,4688	825,574585	179877,0469	825,1356201	43010,42188
08-01-2021 0:00	9:40:23	222360,5625	825,5771484	179404,2969	825,1073608	42956,26563
08-01-2021 0:00	9:40:28	222543,7031	825,6087646	179495,9219	825,1270142	43047,78125
08-01-2021 0:00	9:40:33	2				

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]
PROMEDIO	222.683	825,58	179.759	825,01	42.924
DESV EST	369,13	0,15	376,90	0,16	172,65
% DESV EST	0,1658%	0,0181%	0,2097%	0,0197%	0,4022%
DATOS	721	721	721	721	721
Tiempo [hh:mm:ss]	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	9:41:33	223115,4531	825,8037109	180129,1719	824,8234253
08-01-2021 0:00	9:41:38	222646,4219	825,5708008	179552,7656	825,0731201
08-01-2021 0:00	9:41:43	222834,7969	825,5801392	179794,9844	825,0635986
08-01-2021 0:00	9:41:48	222606,6406	825,5801392	179875,4844	825,0635986
08-01-2021 0:00	9:41:53	222654,5938	825,5368652	179875,5625	825,1350708
08-01-2021 0:00	9:41:58	222599,5469	825,5655518	179830,2813	825,1228027
08-01-2021 0:00	9:42:03	222556,3125	825,5488281	179785,9688	825,1228027
08-01-2021 0:00	9:42:08	223502,0938	825,5488281	180562,8281	825,105957
08-01-2021 0:00	9:42:13	222831,5781	825,5957031	179940,5625	825,0545044
08-01-2021 0:00	9:42:18	222701,2188	825,5448608	179835,5625	825,0940552
08-01-2021 0:00	9:42:23	222416,7969	825,5448608	179602,3906	825,0940552
08-01-2021 0:00	9:42:28	222894,2031	825,5307617	180081,1094	825,0646973
08-01-2021 0:00	9:42:33	222636,9531	825,5992432	179661,8906	825,0100098
08-01-2021 0:00	9:42:38	223132,9844	825,53125	180241,5	824,9857788
08-01-2021 0:00	9:42:43	222789,9531	825,7211914	180049,9844	824,7455444
08-01-2021 0:00	9:42:48	223316,7656	825,5610352	180410,5781	825,0839233
08-01-2021 0:00	9:42:53	222929,5469	825,5719604	179986,4844	825,0558472
08-01-2021 0:00	9:42:58	223175,6406	825,5482788	180318,2344	825,0558472
08-01-2021 0:00	9:43:03	223126,1406	825,7380981	180270,3281	824,831665
08-01-2021 0:00	9:43:08	222448,7344	825,5742798	179508,2656	825,0534668
08-01-2021 0:00	9:43:13	222637,7813	825,5848999	179832,7344	825,1036377
08-01-2021 0:00	9:43:18	221932,7188	825,5848999	179426,6563	825,1036377
08-01-2021 0:00	9:43:23	221214,3594	825,5333252	179475,3438	824,9870605
08-01-2021 0:00	9:43:28	222792,2031	825,5443726	179837,125	825,0829468
08-01-2021 0:00	9:43:33	222402,7344	825,7578735	179403,5625	824,8556519
08-01-2021 0:00	9:43:38	222685,5781	825,5675659	179644,3906	825,0958862
08-01-2021 0:00	9:43:43	222398,3906	825,5879517	179260,6719	825,0888062
08-01-2021 0:00	9:43:48	222654,7813	825,524353	179553,6406	825,0615845
08-01-2021 0:00	9:43:53	222252,8438	825,7857056	179119,7031	824,821167
08-01-2021 0:00	9:43:58	222497,5469	825,5953369	179266,6094	825,076416
08-01-2021 0:00	9:44:03	222545,5313	825,767395	179266,5625	824,8205566
08-01-2021 0:00	9:44:08	222967,4531	825,6103516	179794,6094	825,0541382
08-01-2021 0:00	9:44:13	222694,1719	825,6103516	179473,2813	825,0541382
08-01-2021 0:00	9:44:18	222686,875	825,5527954	179808,4688	824,9889526
08-01-2021 0:00	9:44:23	222399,4063	825,5805054	179515,0625	825,0178833
08-01-2021 0:00	9:44:28	222990,5938	825,517334	179994,1094	825,0164795
08-01-2021 0:00	9:44:33	222550,5	825,7069702	179594,3906	824,7761841
08-01-2021 0:00	9:44:38	223125,4375	825,5517578	180168,9219	825,0910034
08-01-2021 0:00	9:44:43	222466,8594	825,5059204	179747,1094	825,048584
08-01-2021 0:00	9:44:48	222794,8594	825,5333862	180177,9375	825,0443726
08-01-2021 0:00	9:44:53	222366,5625	825,7219238	179699,2813	824,8040771
08-01-2021 0:00	9:44:58	223181,0781	825,5214844	180608,9688	825,0435181
08-01-2021 0:00	9:45:03	222746,7656	825,5319214	180032,2188	825,0545654
08-01-2021 0:00	9:45:08	222173,3438	825,5282593	179265,6719	825,0545654
08-01-2021 0:00	9:45:13	223323,375	825,7183838	180414,5156	824,8170776
08-01-2021 0:00	9:45:18	222893,8906	825,5180664	179793,25	825,0526733
08-01-2021 0:00	9:45:23	222368,7969	825,5123901	179504,7344	825,0587769
08-01-2021 0:00	9:45:28	222829,0625	825,5123901	180024,0938	825,0587769
08-01-2021 0:00	9:45:33	222493,9844	825,5860596	179449	825,0923462
08-01-2021 0:00	9:45:38	222828,7344	825,5836792	179836,8906	825,0687866
08-01-2021 0:00	9:45:43	222466,2813	825,6958618	179402,7813	824,8440552
08-01-2021 0:00	9:45:48	222974,5313	825,5054321	180042,4531	825,0842285
08-01-2021 0:00	9:45:53	222495,625	825,574646	179563,7031	825,0026245
08-01-2021 0:00	9:45:58	222785,5781	825,5652466	179790,3125	825,062561
08-01-2021 0:00	9:46:03	222746,4531	825,7238159	179614,3594	824,8221436
08-01-2021 0:00	9:46:08	222639,5156	825,5332642	179653,7031	824,989624
08-01-2021 0:00	9:46:13	222351,5313	825,5734863	179270,7188	825,0261841
08-01-2021 0:00	9:46:18	223163,9219	825,5789185	180310,9688	825,0865479
08-01-2021 0:00	9:46:23	222504,5156	825,5789185	179796,3438	825,0865479
08-01-2021 0:00	9:46:28	222945,7344	825,5356445	180179,375	825,0324207
08-01-2021 0:00	9:46:33	222802,1406	825,6859131	179845,5938	824,7877808
08-01-2021 0:00	9:46:38	223156,7119	825,5271606	179271,3281	825,0269775
08-01-2021 0:00	9:46:43	223126,875	825,5271606	180079,8594	825,0269775
08-01-2021 0:00	9:46:48	222407,4063	825,5388794	179408,9375	825,0515747
08-01-2021 0:00	9:46:53	222833,7969	825,533447	179747,3281	825,0361938
08-01-2021 0:00	9:46:58	222059,5156	825,5828857	179261,8438	825,0643921
08-01-2021 0:00	9:47:03	223224,0625	825,772522	180410,7031	824,8242798
08-01-2021 0:00	9:47:08	222361,75	825,5240479	179550,9688	825,0549316
08-01-2021 0:00	9:47:13	222224,875	825,500061	179260,1875	825,0721436
08-01-2021 0:00	9:47:18	223067,875	825,5675049	180270,9688	825,0721436
08-01-2021 0:00	9:47:23	222589,2031	825,5675049	179743,5938	825,0457764
08-01-2021 0:00	9:47:28	222590,4688	825,5628662	179689,2344	825,0726318
08-01-2021 0:00	9:47:33	222408,8125	825,7145386	179510,7969	824,7706909
08-01-2021 0:00	9:47:38	222778,8906	825,5255127	179941,5938	825,0112305
08-01-2021 0:00	9:47:43	222204,1563	825,7646484	179510,6875	824,7745972
08-01-2021 0:00	9:47:48	222786,7188	825,5411377	180226,0781	825,0278931
08-01-2021 0:00	9:47:53	222398,9219	825,7456055	179700,25	824,7841797
08-01-2021 0:00	9:47:58	222503,5938	825,5574341	179509,6406	825,0245361
08-01-2021 0:00	9:48:03	223077,875	825,5299072	180371,2969	825,0202637
08-01-2021 0:00	9:48:08	222033,6563	825,4934082	179165,3594	825,0636597
08-01-2021 0:00	9:48:13	222217,2344	825,7151489	179262,7969	824,822937
08-01-2021 0:00	9:48:18	222524,4531	825,5252075	179506,3281	825,0557861
08-01-2021 0:00	9:48:23	222955,5156	825,6445923	180032,875	824,791748
08-01-2021 0:00	9:48:28	222356,75	825,5460815	179261,8125	825,0565186
08-01-2021 0:00	9:48:33	222986,5313	825,5460815	179788,9063	825,0565186
08-01-2021 0:00	9:48:38	222217,0781	825,5186157	179165,75	825,0542603
08-01-2021 0:00	9:48:43	223270,5469	825,5264893	180262,0469	825,0762939
08-01-2021 0:00	9:48:48	222638,1563	825,5639038	179593,3594	825,0731812
08-01-2021 0:00	9:48:53	222478,5	825,5639038	179410,5156	825,0731812
08-01-2021 0:00	9:48:58	222285,9063	825,4442749	179313,9375	825,0327148
08-01-2021 0:00	9:49:03	222785,8594	825,5458374	179788,8125	825,0506592
08-01-2021 0:00	9:49:08	223272,0156	825,5187988	180370,0469	825,0187378
08-01-2021 0:00	9:49:13	222745,0469	825,5187988	179890,5469	825,0187378
08-01-2021 0:00	9:49:18	223361,5156	825,5390625	180422,8281	824,9880371
08-01-2021 0:00	9:49:23	222981,3125	825,7144775	180419,6563	824,7665405
08-01-2021 0:00	9:49:28	222317,8438	825,4981079	179687,5	825,007010
08-01-2021 0:00	9:49:33	222317,9844	825,6870728	179496,0938	824,8284302
08-01-2021 0:00	9:49:38	222496,2031	825,5458374	179646,4844	825,0369263
08-01-2021 0:00	9:49:43	222269,9219	825,4958496	179404,9375	825,0474854
08-01-2021 0:00	9:49:48	222982,0781	825,4958496	180169,4063	825,0474854
08-01-2021 0:00	9:49:53	222311,4219	825,7070313	179403,5156	824,8139038
08-01-2021 0:00	9:49:58	222503,0781	825,5120239	179599,3594	825,0335083
08-01-2021 0:00	9:50:03	222900,9844	825,4564819	179692,4844	825,0421753
08-01-2021 0:00	9:50:08	222989,0625	825,4564819	180074,4375	825,0421753
08-01-2021 0:00	9:50:13	222797,25	825,4863892	179787,1875	825,0469971
08-01-2021 0:00	9:50:18	222503,125	825,5125732	179589,5156	825,0726318

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.683	825,58	179.759	825,01	42.924	
DESV EST	369,13	0,15	376,90	0,16	172,65	
% DESV EST	0,1658%	0,0181%	0,2097%	0,0197%	0,4022%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	9:50:23	222660,4219	825,4602661	179606,2969	825,0726318	43054,125
08-01-2021 0:00	9:50:28	222928,875	825,4602661	179988,25	824,9935913	42940,625
08-01-2021 0:00	9:50:33	222496,8125	825,5372314	179701,0156	824,9985352	42795,79688
08-01-2021 0:00	9:50:38	222679,5	825,5717773	179690,5156	825,0476685	42988,98438
08-01-2021 0:00	9:50:43	222940,7969	825,5717773	180033,1094	825,0476685	42907,6875
08-01-2021 0:00	9:50:48	223121,4375	825,4894409	179985,2344	825,0124512	43136,20313
08-01-2021 0:00	9:50:53	222594,4844	825,7216797	179501,875	824,793335	43092,60938
08-01-2021 0:00	9:50:58	222454,0156	825,5180664	179369,4531	824,9815674	43084,5625
08-01-2021 0:00	9:51:03	222937,0469	825,7091675	179991,8281	824,7410278	42945,21875
08-01-2021 0:00	9:51:08	222361,5313	825,501709	179694,5156	825,0221402	42667,01563
08-01-2021 0:00	9:51:13	222828,4531	825,5463867	180072,9844	825,0462036	42755,46875
08-01-2021 0:00	9:51:18	222123,7188	825,4943848	179268,3125	825,007019	42855,40625
08-01-2021 0:00	9:51:23	222698,5	825,6848145	179842,7969	824,7664185	42855,70313
08-01-2021 0:00	9:51:28	222458,4375	825,500061	179448,1563	825,0620117	43010,28125
08-01-2021 0:00	9:51:33	222409,1406	825,5063477	179506,6094	825,0041504	42902,53125
08-01-2021 0:00	9:51:38	222798,1094	825,482666	179933,4219	825,0041504	42864,6875
08-01-2021 0:00	9:51:43	222414,9219	825,6708374	179502,6094	824,7825317	42912,3125
08-01-2021 0:00	9:51:48	222317,6719	825,4882202	179366,5625	824,9876709	42951,10938
08-01-2021 0:00	9:51:53	222894,7813	825,6693726	180075,375	824,7904053	42819,40625
08-01-2021 0:00	9:51:58	222564,4219	825,4796753	179703,375	825,0311279	42861,04688
08-01-2021 0:00	9:52:03	222133,5	825,6472778	179320,4219	824,7382813	42813,07813
08-01-2021 0:00	9:52:08	222648,625	825,5011597	179882,8125	825,0397339	42765,8125
08-01-2021 0:00	9:52:13	221927,7656	825,5097046	179166,8906	825,0259399	42760,875
08-01-2021 0:00	9:52:18	223229,5313	825,5097046	180419,0781	825,0259399	42810,45313
08-01-2021 0:00	9:52:23	222797,5	825,4771729	179796,7188	824,9905396	43000,78125
08-01-2021 0:00	9:52:28	222306,7969	825,5227661	179417,5	824,9691162	42889,29688
08-01-2021 0:00	9:52:33	222941,9688	825,7113037	180023,4531	824,7284546	42918,51563
08-01-2021 0:00	9:52:38	222120,4531	825,4739398	179318,75	825,0422974	42801,70313
08-01-2021 0:00	9:52:43	222312,2969	825,6899414	179318,75	824,7384033	42993,54688
08-01-2021 0:00	9:52:48	222515,7656	825,4571533	179413,1875	824,9856567	43102,57813
08-01-2021 0:00	9:52:53	223319,2656	825,6469727	180079,0781	824,7450562	43240,1875
08-01-2021 0:00	9:52:58	222602,0938	825,4972534	179360,9688	825,0062256	43241,125
08-01-2021 0:00	9:53:03	222985,2344	825,4901123	179840,8125	825,0010376	43144,42188
08-01-2021 0:00	9:53:08	222215,2031	825,5026855	179028,125	824,9954834	43187,07813
08-01-2021 0:00	9:53:13	222895	825,5026855	179746,2188	824,9954834	43148,78125
08-01-2021 0:00	9:53:18	222080,5313	825,46875	179075,0313	825,0001831	43005,5
08-01-2021 0:00	9:53:23	222512,4688	825,651001	179564,25	824,7097168	42948,21875
08-01-2021 0:00	9:53:28	223363,0781	825,5056152	180599,25	825,0361328	42763,82813
08-01-2021 0:00	9:53:33	222979,4844	825,6934814	180215,5	824,7955933	42763,98438
08-01-2021 0:00	9:53:38	221941,5313	825,4443359	179021,8594	825,0217285	42919,67188
08-01-2021 0:00	9:53:43	222508,375	825,475708	179685,3906	825,0527954	42822,98438
08-01-2021 0:00	9:53:48	221979,7188	825,475708	179266,2031	825,0527954	42713,51563
08-01-2021 0:00	9:53:53	223128,7031	825,6702881	180223,5469	824,7571411	42905,15625
08-01-2021 0:00	9:53:58	222748,5625	825,4697876	179799,7969	824,9608765	42948,76563
08-01-2021 0:00	9:54:03	222268,7188	825,6619873	179217,9219	824,7550659	43050,79688
08-01-2021 0:00	9:54:08	222752,0625	825,4738159	179650,4219	824,9960938	43101,64063
08-01-2021 0:00	9:54:13	222225,125	825,460144	179076,0313	824,9881592	43149,09375
08-01-2021 0:00	9:54:18	223081,4688	825,4830933	180075,1563	825,0166626	43006,3125
08-01-2021 0:00	9:54:23	222361,4375	825,6757202	179266,2969	824,7564087	43095,14063
08-01-2021 0:00	9:54:28	223073,2969	825,4879761	179838,4531	824,9974365	43234,84375
08-01-2021 0:00	9:54:33	222785,9688	825,703064	179551,2813	824,7633057	43234,6875
08-01-2021 0:00	9:54:38	222893,7344	825,4696655	179564,7344	824,9408569	43329
08-01-2021 0:00	9:54:43	222892,7188	825,6594849	179508,1094	824,6999512	43384,60938
08-01-2021 0:00	9:54:48	222693,9219	825,4734497	179467,9375	824,9819336	43225,98438
08-01-2021 0:00	9:54:53	222406,6875	825,5013428	179371,3906	824,9381104	43035,29688
08-01-2021 0:00	9:54:58	222225,3125	825,4608765	179261,1406	825,0103149	42964,17188
08-01-2021 0:00	9:55:03	222394,5469	825,4608765	179551,5313	825,0103149	42843,01563
08-01-2021 0:00	9:55:08	222708,3125	825,5423584	179791,6563	824,9953613	42916,65625
08-01-2021 0:00	9:55:13	222372,9219	825,4376831	179406,4688	825,0061035	42966,45313
08-01-2021 0:00	9:55:18	222738,6719	825,5041504	179931,5	825,0093384	42807,17188
08-01-2021 0:00	9:55:23	222409,1875	825,5041504	179597,2656	825,0093384	42811,92188
08-01-2021 0:00	9:55:28	222409,2969	825,4856567	179412,7656	824,9761353	42996,53125
08-01-2021 0:00	9:55:33	222378,6563	825,4214478	179512,4688	824,9574585	42866,1875
08-01-2021 0:00	9:55:38	222758,2813	825,4307251	179747,2031	824,9574585	43011,07813
08-01-2021 0:00	9:55:43	222087,2656	825,4307251	179029,1563	824,9793701	43058,10938
08-01-2021 0:00	9:55:48	223125,8438	825,4851685	179972,1406	825,039856	43153,70313
08-01-2021 0:00	9:55:53	222705,2813	825,4458008	179509,8906	824,9625854	43195,39063
08-01-2021 0:00	9:55:58	223129,3594	825,4458008	180180,7031	824,9625854	42948,65625
08-01-2021 0:00	9:56:03	222315,0313	825,47229	179461,8594	824,9553833	42853,17188
08-01-2021 0:00	9:56:08	223115	825,5216675	180321,8438	824,9631348	42793,15625
08-01-2021 0:00	9:56:13	222558,7344	825,6381836	179591,25	824,781311	42967,48438
08-01-2021 0:00	9:56:18	222173,3125	825,4512329	179262,3906	825,0220337	42910,92188
08-01-2021 0:00	9:56:23	223562,25	825,6491089	180649,6875	824,7601929	42912,5625
08-01-2021 0:00	9:56:28	222219,3281	825,4619751	179262,9844	824,9903564	42956,34375
08-01-2021 0:00	9:56:33	222071,75	825,6660156	179077,5	824,7493286	42994,25
08-01-2021 0:00	9:56:38	222471,2813	825,4788208	179464,3281	824,961792	43006,95313
08-01-2021 0:00	9:56:43	222806,5781	825,4176025	179751,5313	824,9436035	43055,04688
08-01-2021 0:00	9:56:48	222698,2344	825,4614868	179781,2656	825,0291748	42916,96875
08-01-2021 0:00	9:56:53	222744,6719	825,6505127	179597,8125	824,788269	43146,85938
08-01-2021 0:00	9:56:58	222268,6563	825,4656372	179119,0781	824,9915161	43149,57813
08-01-2021 0:00	9:57:03	222987,1094	825,6414185	179884,2813	824,7540283	43102,82813
08-01-2021 0:00	9:57:08	222556,125	825,4562988	179504,2031	824,9815674	43051,92188
08-01-2021 0:00	9:57:13	223168,7344	825,4562988	180178,9844	824,9815674	42989,75
08-01-2021 0:00	9:57:18	222210,6719	825,4925537	179413,0313	824,9595947	42797,64063
08-01-2021 0:00	9:57:23	222697,625	825,4627075	179987,3281	824,9604492	42710,29688
08-01-2021 0:00	9:57:28	222303,0625	825,5063477	179215,0938	824,9867554	43087,96875
08-01-2021 0:00	9:57:33	222993,6719	825,5063477	179740,8594	824,9867554	43252,8125
08-01-2021 0:00	9:57:38	222466,9063	825,4237671	179550,0938	824,9832153	42916,8125
08-01-2021 0:00	9:57:43	223473,75	825,6148071	180406,8594	824,7611084	43066,89063
08-01-2021 0:00	9:57:48	222558,5469	825,44104	179550,9688	825,0023193	43007,57813
08-01-2021 0:00	9:57:53	222175,7969	825,44104	179311,6563	824,979126	42864,14063
08-01-2021 0:00	9:57:58	222356,5156	825,4811401	179598,9375	824,9787598	42757,57813
08-01-2021 0:00	9:58:03	222808,1719	825,4083862	179214,2031	824,9873047	43593,96875
08-01-2021 0:00	9:58:08	223130,4688	825,4083862	179785,3438	824,9873047	43345,125
08-01-2021 0:00	9:58:13	222651,7031	825,647583	17949		

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

	FLUJO_ENTRADA_TG1 ValueY [l/h]	DENSIDAD_ENTRADA_TG1 ValueY [kg/m3]	FLUJO_RETORNO_TG1 ValueY [l/h]	DENSIDAD_RETORNO_TG1 ValueY [kg/m3]	Consumo [l/h]	
PROMEDIO	222.683	825,58	179.759	825,01	42.924	
DESV EST	369,13	0,15	376,90	0,16	172,65	
% DESV EST	0,1658%	0,0181%	0,2097%	0,0197%	0,4022%	
DATOS	721	721	721	721	721	
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	9:59:13	222851,2344	825,6000977	179928,2969	824,7564697	42922,9375
08-01-2021 0:00	9:59:18	222326,0469	825,4034424	179588,0469	825,0258789	42738
08-01-2021 0:00	9:59:23	222362,75	825,5936279	179635,9219	824,78479	42726,82813
08-01-2021 0:00	9:59:28	222792,8906	825,4468994	179932,5938	824,973877	42860,29688
08-01-2021 0:00	9:59:33	222213,2813	825,6542969	179400,9531	824,7567749	42812,32813
08-01-2021 0:00	9:59:38	222411,0938	825,4378662	179596	824,980835	42815,09375
08-01-2021 0:00	9:59:43	222794,3594	825,4378662	180074,6719	824,980835	42719,6875
08-01-2021 0:00	9:59:48	222315,5625	825,4356689	179453,8594	824,9819336	42861,70313
08-01-2021 0:00	9:59:53	222659,8594	825,5922241	179938,4531	824,7125854	42721,40625
08-01-2021 0:00	9:59:58	222462,4844	825,4230957	179649,9844	824,9538574	42812,5
08-01-2021 0:00	10:00:03	221887,8125	825,4230957	179076,4063	824,9558716	42811,40625
08-01-2021 0:00	10:00:08	222656,125	825,4161377	179847,2188	824,9328003	42808,90625
08-01-2021 0:00	10:00:13	222598,1563	825,6425171	179684,8125	824,7802124	42913,34375
08-01-2021 0:00	10:00:18	222838,2344	825,4536133	179834,8125	825,0213013	43003,42188
08-01-2021 0:00	10:00:23	223364,6563	825,6396484	180265,6094	824,7463379	43099,04688
08-01-2021 0:00	10:00:28	222658,1719	825,4085083	179652,7344	824,9431152	43005,4375
08-01-2021 0:00	10:00:33	222708,6563	825,5905762	179551,125	824,7293091	43157,53125
08-01-2021 0:00	10:00:38	222516,75	825,3999023	179797,875	824,9703979	42718,875
08-01-2021 0:00	10:00:43	222708,3438	825,4000244	179654,2344	824,9317017	43054,10938
08-01-2021 0:00	10:00:48	222128,8438	825,4135742	179119,3438	824,9709473	43009,5
08-01-2021 0:00	10:00:53	222982,2344	825,4475098	180081,6406	824,9709473	42900,59375
08-01-2021 0:00	10:00:58	222423,2031	825,4475098	179172,4688	824,9482422	43250,73438
08-01-2021 0:00	10:01:03	222806,625	825,387207	179795,5	824,9465332	43011,125
08-01-2021 0:00	10:01:08	222507,1719	825,425415	179465,3594	824,9238281	43041,8125
08-01-2021 0:00	10:01:13	223326,5625	825,425415	180306,4844	824,9238281	43020,07813
08-01-2021 0:00	10:01:18	222404,1094	825,4052124	179587,625	825,0200806	42816,48438
08-01-2021 0:00	10:01:23	222740,3281	825,6411133	179983,6719	824,7174072	42756,65625
08-01-2021 0:00	10:01:28	222457,7969	825,4356079	179564,3125	824,9005127	42893,48438
08-01-2021 0:00	10:01:33	222040,5	825,4356079	179037,7656	824,9005127	43002,73438
08-01-2021 0:00	10:01:38	222902,9688	825,3838501	179747,6406	824,9390869	43155,32813
08-01-2021 0:00	10:01:43	222074,875	825,4361572	179215,0469	824,9639893	42859,82813
08-01-2021 0:00	10:01:48	222849,8438	825,4034424	179889,3594	824,947937	42960,48438
08-01-2021 0:00	10:01:53	222131,0938	825,4034424	179314,9063	824,947937	42816,1875
08-01-2021 0:00	10:01:58	223132,8906	825,4152222	180174,0156	824,9602661	42958,875
08-01-2021 0:00	10:02:03	222994,0156	825,3966064	179937,0313	824,9492798	43056,98438
08-01-2021 0:00	10:02:08	222270,4375	825,3966064	179210	824,9492798	43060,4375
08-01-2021 0:00	10:02:13	222989,2656	825,605896	179832,2656	824,7498169	43157
08-01-2021 0:00	10:02:18	222568,2813	825,3807983	179318,6094	824,9271851	43249,67188
08-01-2021 0:00	10:02:23	221980,9844	825,4290161	179121,7656	824,9522095	42859,21875
08-01-2021 0:00	10:02:28	222707,7656	825,4290161	179448,7969	824,9522095	43258,96875
08-01-2021 0:00	10:02:33	222276,5313	825,5863647	179160,7188	824,7492065	43115,8125
08-01-2021 0:00	10:02:38	223513,125	825,4276733	180408,5938	824,9750366	43104,53125
08-01-2021 0:00	10:02:43	222888,0781	825,6230469	179774,9844	824,7337646	43113,09375
08-01-2021 0:00	10:02:48	222314,7656	825,4359131	179220,3906	825,0281372	43094,375
08-01-2021 0:00	10:02:53	222937,3438	825,4282227	180082	824,9349365	42855,34375
08-01-2021 0:00	10:02:58	222510,3438	825,4137573	179619,7031	824,8579102	42890,64063
08-01-2021 0:00	10:03:03	222758,6406	825,3790283	180087,3438	824,8579102	42671,29688
08-01-2021 0:00	10:03:08	222743,3906	825,3790283	179936,9531	824,9099731	42806,4375
08-01-2021 0:00	10:03:13	222741,8594	825,4376221	179936,8906	824,9421997	42804,96875
08-01-2021 0:00	10:03:18	222222,9063	825,4042969	179409,6719	824,9415894	42813,23438
08-01-2021 0:00	10:03:23	223174,7188	825,4042969	180411,1406	824,9415894	42763,57813
08-01-2021 0:00	10:03:28	222700,1875	825,4278564	179740,9063	824,9595337	42959,28125
08-01-2021 0:00	10:03:33	222269,3906	825,4110718	179263,8125	824,9558716	43005,57813
08-01-2021 0:00	10:03:38	222420,125	825,3837891	179561,1563	824,9003296	42858,96875
08-01-2021 0:00	10:03:43	222614,2813	825,3837891	179800,5625	824,9003296	42813,71875
08-01-2021 0:00	10:03:48	222614,0625	825,3747559	179802,5938	824,8946533	42811,46875
08-01-2021 0:00	10:03:53	222088,9531	825,3675537	179018,8438	824,9785767	43070,10938
08-01-2021 0:00	10:03:58	222612,5625	825,3789673	179703,6875	824,9094238	42908,875
08-01-2021 0:00	10:04:03	222085,7031	825,3789673	179224,9375	824,9094238	42860,76563
08-01-2021 0:00	10:04:08	223522,5156	825,380249	180764,4375	824,8742676	42758,07813
08-01-2021 0:00	10:04:13	222451,8281	825,4422607	179655,6719	824,9100952	42796,15625
08-01-2021 0:00	10:04:18	222275,1875	825,4422607	179268,0938	824,9100952	43007,09375
08-01-2021 0:00	10:04:23	222992,25	825,388916	180034,0156	824,9278564	42958,23438
08-01-2021 0:00	10:04:28	222235,3281	825,3533936	179368,5781	824,9019775	42866,75
08-01-2021 0:00	10:04:33	222941,7031	825,4001465	180071,7031	824,9721069	42870
08-01-2021 0:00	10:04:38	222601,75	825,4001465	179689,7344	824,9721069	42912,01563
08-01-2021 0:00	10:04:43	222698,0938	825,4171753	179689,7031	824,9711914	43008,39063
08-01-2021 0:00	10:04:48	223372,2031	825,4019775	180314,625	824,9552612	43057,57813
08-01-2021 0:00	10:04:53	222702,3594	825,3988647	179832,25	824,9685669	42870,10938
08-01-2021 0:00	10:04:58	223049,8281	825,3988647	180126,9844	824,9685669	42922,84375
08-01-2021 0:00	10:05:03	222809	825,5413208	180031,2344	824,6925659	42777,76563
08-01-2021 0:00	10:05:08	222271,4844	825,3922119	179551,8281	824,9404907	42719,65625
08-01-2021 0:00	10:05:13	223038,5625	825,3924561	180265,5781	824,9404907	42772,98438
08-01-2021 0:00	10:05:18	222294,6406	825,3924561	179403,9688	824,9568481	42890,67188
08-01-2021 0:00	10:05:23	223203,6406	825,3076782	180277,9531	824,8988647	42925,6875
08-01-2021 0:00	10:05:28	222091	825,3479004	179124,6563	824,9197998	42966,34375
08-01-2021 0:00	10:05:33	222657,7188	825,5369873	179850	824,6783447	42807,71875
08-01-2021 0:00	10:05:38	222322,4688	825,3786621	179466,9531	824,885437	42855,51563
08-01-2021 0:00	10:05:43	222503,1875	825,4207153	179714,5	824,847229	42788,6875
08-01-2021 0:00	10:05:48	222284,9844	825,3393555	179179,8125	824,8850708	43105,17188
08-01-2021 0:00	10:05:53	222817,8438	825,3393555	179897,8594	824,8850708	42919,98438
08-01-2021 0:00	10:05:58	222434,7188	825,3175659	179469,0469	824,8717041	42965,67188
08-01-2021 0:00	10:06:03	222794,5938	825,4060669	179740,8906	824,9442139	43053,70313
08-01-2021 0:00	10:06:08	222131,7188	825,3688354	179184,7656	824,9442139	42946,95313
08-01-2021 0:00	10:06:13	222802,4219	825,5578613	179855	824,616394	42947,42188
08-01-2021 0:00	10:06:18	222568,7813	825,347168	179648,3906	824,9290161	42920,39063
08-01-2021 0:00	10:06:23	223048,0781	825,536499	180035,5781	824,6677856	43012,5
08-01-2021 0:00	10:06:28	222279,3438	825,3477173	179455,875	824,9092407	42823,46875
08-01-2021 0:00	10:06:33	222997,0938	825,3565063	180078,1875	824,9304199	42918,90625
08-01-2021 0:00	10:06:38	222650,5625	825,3988647	179744,8438	824,9223022	42905,71875
08-01-2021 0:00	10:06:43	222263,2656	825,6031494	179269,7969	824,6633301	42993,46875
08-01-2021 0:00	10:06:48	223218,2031	825,4152832	180278,7813	824,9049683	42939,42188
08-01-2021 0:00	10:06:53	222404,0625	825,6121826	179656,4219	824,6462402	42747,64063
08-01-2021 0:00	10:06:58	222223,75	825,3826904	179519,0469	824,8544312	42704,70313
08						

**Consumo combustible diésel Ciclo Combinado 0100 a 1100
225MW**

		FLUJO_ENTRADA_TG1	DENSIDAD_ENTRADA_TG1	FLUJO_RETORNO_TG1	DENSIDAD_RETORNO_TG1	Consumo [l/h]
		ValueY [l/h]	ValueY [kg/m3]	ValueY [l/h]	1 ValueY [kg/m3]	
PROMEDIO		222.683	825,58	179.759	825,01	42.924
DESV EST		369,13	0,15	376,90	0,16	172,65
% DESV EST		0,1658%	0,0181%	0,2097%	0,0197%	0,4022%
DATOS		721	721	721	721	721
Tiempo [h:mm:ss]	1:00:00	l/h	kg/m3	l/h	kg/m3	l/h
08-01-2021 0:00	10:08:03	222799,3281	825,5209351	179844,875	824,6520996	42954,45313
08-01-2021 0:00	10:08:08	222368,2813	825,3728638	179603,0625	824,9020996	42765,21875
08-01-2021 0:00	10:08:13	222895,75	825,3710327	179941,7969	824,8845825	42953,95313
08-01-2021 0:00	10:08:18	222984,6875	825,3971558	179833,0625	824,8845825	43151,625
08-01-2021 0:00	10:08:23	222647,8125	825,5852051	179880,1563	824,7041016	42767,65625
08-01-2021 0:00	10:08:28	222072,625	825,3989258	179498,8594	824,9378662	42573,76563
08-01-2021 0:00	10:08:33	222940,4219	825,3768921	180170,9063	824,9328003	42769,51563
08-01-2021 0:00	10:08:38	222081,125	825,3768921	179219,7656	824,9328003	42861,35938
08-01-2021 0:00	10:08:43	223422,4063	825,3662109	180512,3438	824,9031982	42910,0625
08-01-2021 0:00	10:08:48	222706,3438	825,3568726	179693,0313	824,9290771	43013,3125
08-01-2021 0:00	10:08:53	222271,4844	825,55896	179077,4688	824,6555786	43194,01563
08-01-2021 0:00	10:08:58	223416,3125	825,371521	180223,2031	824,8972778	43193,10938
08-01-2021 0:00	10:09:03	222601,7344	825,5773926	179457,2969	824,6703491	43144,4375
08-01-2021 0:00	10:09:08	222996,9219	825,3424683	180005,5938	824,8098755	42991,32813
08-01-2021 0:00	10:09:13	222894,2656	825,5540771	180043,125	824,5682373	42851,14063
08-01-2021 0:00	10:09:18	222267,5781	825,3667603	179224,9531	824,8582153	43042,625
08-01-2021 0:00	10:09:23	222986,3438	825,5673218	179895,1094	824,6334839	43091,23438
08-01-2021 0:00	10:09:28	222408,0938	825,3920288	179324,5313	824,8497925	43083,5625
08-01-2021 0:00	10:09:33	223235,7969	825,3416138	180221,5156	824,8497925	43014,28125
08-01-2021 0:00	10:09:38	222319,8594	825,3416138	179504,3281	824,9088135	42815,53125
08-01-2021 0:00	10:09:43	223229,8594	825,3624878	180430,9375	824,8283691	42798,92188
08-01-2021 0:00	10:09:48	222464,25	825,3588257	179797,6875	824,8796997	42666,5625
08-01-2021 0:00	10:09:53	221925,4531	825,5458374	179224,1563	824,6376953	42701,29688
08-01-2021 0:00	10:09:58	222690,0313	825,4037476	179798,6563	824,8752441	42891,375
08-01-2021 0:00	10:10:03	222276,2344	825,3383179	179368,5781	824,87146	42907,65625
08-01-2021 0:00	10:10:08	222989,6563	825,3625488	179929,1406	824,9369507	43060,51563
08-01-2021 0:00	10:10:13	222656,6094	825,5509644	179594,0156	824,6952515	43062,59375
08-01-2021 0:00	10:10:18	222848,2344	825,354187	179887,0156	824,909729	42961,21875
08-01-2021 0:00	10:10:23	222329,4219	825,5119019	179410,1406	824,6593018	42919,28125
08-01-2021 0:00	10:10:28	222786,7813	825,4059448	179840	824,901123	42946,78125
08-01-2021 0:00	10:10:33	222738,6719	825,5959473	179695,5313	824,6640015	43043,14063
08-01-2021 0:00	10:10:38	222758,3438	825,3314819	179696,6719	824,8967896	43061,67188
08-01-2021 0:00	10:10:43	222500,3906	825,40271	179508,4531	824,8779907	42991,9375
08-01-2021 0:00	10:10:48	223285,4688	825,40271	179986,7031	824,8779907	43298,76563
08-01-2021 0:00	10:10:53	222471,1094	825,5169067	179603,7344	824,6379395	42867,375
08-01-2021 0:00	10:10:58	222807,5938	825,3254395	179937,7656	824,8886108	42869,82813
08-01-2021 0:00	10:11:03	222417,1406	825,5402832	179550,25	824,6643066	42866,89063
08-01-2021 0:00	10:11:08	222881,3906	825,3528442	180124,125	824,906189	42757,26563
08-01-2021 0:00	10:11:13	222450,1094	825,4093018	179550,4531	824,9053345	42899,65625
08-01-2021 0:00	10:11:18	222805,8281	825,3325195	179842,1563	824,8803101	42963,67188
08-01-2021 0:00	10:11:23	222500,5313	825,5873413	179413,0469	824,6384277	43087,48438
08-01-2021 0:00	10:11:28	222935,25	825,3997192	179987,7031	824,8724365	42947,54688
08-01-2021 0:00	10:11:33	222695,625	825,3865356	179748,3125	824,8713379	42947,3125
08-01-2021 0:00	10:11:38	223150,8438	825,2957764	180278,5938	824,8544922	42872,25
08-01-2021 0:00	10:11:43	222657,3438	825,2957764	179756,1563	824,8544922	42901,1875
08-01-2021 0:00	10:11:48	221919,2031	825,3496704	178990,1563	824,8349609	42929,04688
08-01-2021 0:00	10:11:53	222973,0469	825,4210205	180132,3125	824,8666382	42840,73438
08-01-2021 0:00	10:11:58	222323,3125	825,3419189	179255,8438	824,9365845	43067,46875
08-01-2021 0:00	10:12:03	223423,1875	825,3419189	180458,7344	824,9365845	42964,45313
08-01-2021 0:00	10:12:08	222369,2656	825,3496904	179501,375	824,9072876	42867,89063
08-01-2021 0:00	10:12:13	222564,9844	825,3345337	179636,7344	824,9424438	42928,25
08-01-2021 0:00	10:12:18	222459,625	825,3718262	179411,0156	824,8783569	43048,60938
08-01-2021 0:00	10:12:23	223236,2031	825,3718262	180176,8438	824,8783569	43059,35938
08-01-2021 0:00	10:12:28	222468,9844	825,3322754	179458,2813	824,8770752	43010,70313
08-01-2021 0:00	10:12:33	223131,7188	825,5496216	180315,0469	824,6582642	42816,67188
08-01-2021 0:00	10:12:38	222598,1875	825,3830566	179508,8125	824,9001465	43089,375
08-01-2021 0:00	10:12:43	223220,6563	825,3830566	180418,3906	824,8642578	42802,26563
08-01-2021 0:00	10:12:48	222420,0625	825,3344116	179620,3594	824,7897949	42799,70313
08-01-2021 0:00	10:12:53	222796,8125	825,5480957	180034,0156	824,6291504	42762,79688
08-01-2021 0:00	10:12:58	222552,5938	825,359375	179856,9219	824,8711548	42695,67188
08-01-2021 0:00	10:13:03	222073,6094	825,3761597	179234,5625	824,8032837	42839,04688
08-01-2021 0:00	10:13:08	223082,5	825,3647461	180174,125	824,8832397	42908,375
08-01-2021 0:00	10:13:13	222417,5156	825,5290527	179461,6719	824,6152954	42955,84375
08-01-2021 0:00	10:13:18	223140,0938	825,3425293	180417,8281	824,8571167	42722,26563
08-01-2021 0:00	10:13:23	222804,2656	825,5135498	179987	824,6209717	42817,26563
08-01-2021 0:00	10:13:28	221982,6563	825,3565063	179365,5	824,8591309	42617,15625
08-01-2021 0:00	10:13:33	223094,9375	825,5058594	180235,7656	824,6168213	42859,17188
08-01-2021 0:00	10:13:38	222304,1094	825,3181152	179411,2188	824,8186035	42892,89063
08-01-2021 0:00	10:13:43	221729,2344	825,5880737	178836,8281	824,62677	42892,40625
08-01-2021 0:00	10:13:48	221984,2344	825,3442993	179117,375	824,9002686	42866,85938
08-01-2021 0:00	10:13:53	222667,9688	825,3442993	179711,0938	824,9002686	42956,875
08-01-2021 0:00	10:13:58	221792,8281	825,2944336	178849,4063	824,8061523	42943,42188
08-01-2021 0:00	10:14:03	223037,2031	825,3430786	180136,9219	824,8301392	42900,28125
08-01-2021 0:00	10:14:08	222212,5781	825,381897	179373,0625	824,8201294	42839,51563
08-01-2021 0:00	10:14:13	222273,4844	825,5691528	179383,2344	824,578125	42890,25
08-01-2021 0:00	10:14:18	222319,2969	825,3292847	179287,4375	824,7720337	43031,85938
08-01-2021 0:00	10:14:23	222177,6719	825,3219604	179281,3594	824,8007813	42896,3125
08-01-2021 0:00	10:14:28	222755,7188	825,3075562	179893,7656	824,8477783	42861,95313
08-01-2021 0:00	10:14:33	222276,9375	825,3075562	179462,8125	824,8477783	42814,125
08-01-2021 0:00	10:14:38	222563,8125	825,3101807	179705,7344	824,8236084	42858,07813
08-01-2021 0:00	10:14:43	222414,6563	825,5151978	179362,6406	824,6190796	43052,01563
08-01-2021 0:00	10:14:48	222025,4063	825,3538818	179229,4219	824,8612671	42795,98438
08-01-2021 0:00	10:14:53	222264,9219	825,3538818	179373,0469	824,8121338	42891,875
08-01-2021 0:00	10:14:58	222797,4844	825,3338623	180045,0625	824,8035889	42752,42188
08-01-2021 0:00	10:15:03	222267,4063	825,3449707	179461,3906	824,850708	42806,01563

Potencia Neta CA
221MW

PROMEDIO	210.858	96,94	51.723	204.400
DESV EST	701,2	0,30	2.662,5	379,9
% DESV EST	0,33%	0,31%	5,15%	0,19%
DATOS	61	61	61	61

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAr)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 8:15:00 AM	210.981,30	-97,01	-51.224,81	-204.668,33
1/7/2021 8:16:00 AM	210.646,17	-96,85	-52.470,07	-204.006,61
1/7/2021 8:17:00 AM	210.029,16	-97,31	-48.386,70	-204.379,50
1/7/2021 8:18:00 AM	210.716,66	-97,23	-49.278,17	-204.873,53
1/7/2021 8:19:00 AM	210.614,77	-97,30	-48.589,92	-204.933,16
1/7/2021 8:20:00 AM	209.322,92	-97,60	-45.539,43	-204.309,20
1/7/2021 8:21:00 AM	209.436,64	-97,58	-45.829,89	-204.360,80
1/7/2021 8:22:00 AM	209.533,95	-97,56	-46.049,62	-204.411,13
1/7/2021 8:23:00 AM	210.172,00	-97,32	-48.358,32	-204.532,98
1/7/2021 8:24:00 AM	209.357,13	-97,51	-46.448,17	-204.139,59
1/7/2021 8:25:00 AM	210.323,14	-97,10	-50.316,96	-204.215,66
1/7/2021 8:26:00 AM	210.080,56	-97,13	-49.944,29	-204.057,38
1/7/2021 8:27:00 AM	210.262,28	-96,95	-51.541,95	-203.847,14
1/7/2021 8:28:00 AM	211.270,31	-97,09	-50.598,92	-205.121,66
1/7/2021 8:29:00 AM	210.847,63	-96,99	-51.308,05	-204.509,69
1/7/2021 8:30:00 AM	210.819,88	-96,84	-52.592,58	-204.154,45
1/7/2021 8:31:00 AM	210.633,63	-97,09	-50.466,12	-204.498,63
1/7/2021 8:32:00 AM	211.142,33	-96,64	-54.253,60	-204.053,03
1/7/2021 8:33:00 AM	211.967,50	-96,65	-54.396,89	-204.868,75
1/7/2021 8:34:00 AM	211.421,27	-97,02	-51.257,29	-205.113,72
1/7/2021 8:35:00 AM	211.062,67	-96,98	-51.489,63	-204.685,78
1/7/2021 8:36:00 AM	210.473,52	-96,97	-51.452,36	-204.087,63
1/7/2021 8:37:00 AM	211.052,77	-97,08	-50.641,35	-204.887,08
1/7/2021 8:38:00 AM	210.758,59	-97,31	-48.580,88	-205.083,11
1/7/2021 8:39:00 AM	210.557,94	-96,99	-51.287,74	-204.216,09
1/7/2021 8:40:00 AM	210.738,70	-97,12	-50.187,72	-204.675,33
1/7/2021 8:41:00 AM	210.946,06	-97,04	-50.945,08	-204.701,83
1/7/2021 8:42:00 AM	211.066,05	-96,94	-51.813,05	-204.607,63
1/7/2021 8:43:00 AM	211.033,25	-97,06	-50.792,13	-204.829,66
1/7/2021 8:44:00 AM	210.860,25	-97,20	-49.576,70	-204.949,25
1/7/2021 8:45:00 AM	210.160,55	-97,03	-50.869,13	-203.911,23
1/7/2021 8:46:00 AM	210.700,03	-96,94	-51.711,56	-204.255,77
1/7/2021 8:47:00 AM	211.122,41	-96,85	-52.566,61	-204.473,52
1/7/2021 8:48:00 AM	211.075,09	-97,01	-51.211,50	-204.768,36
1/7/2021 8:49:00 AM	211.364,11	-96,83	-52.784,03	-204.667,14
1/7/2021 8:50:00 AM	210.841,75	-96,88	-52.258,97	-204.262,69
1/7/2021 8:51:00 AM	210.472,52	-97,01	-51.077,38	-204.180,77
1/7/2021 8:52:00 AM	211.736,89	-96,58	-54.918,03	-204.490,89
1/7/2021 8:53:00 AM	211.690,81	-96,50	-55.505,34	-204.284,50
1/7/2021 8:54:00 AM	211.696,00	-96,44	-55.953,39	-204.167,61
1/7/2021 8:55:00 AM	211.630,38	-96,57	-54.945,86	-204.373,09
1/7/2021 8:56:00 AM	211.851,42	-96,29	-57.161,08	-203.994,19
1/7/2021 8:57:00 AM	212.075,42	-96,51	-55.568,34	-204.665,94
1/7/2021 8:58:00 AM	212.360,25	-96,56	-55.248,41	-205.047,53
1/7/2021 8:59:00 AM	211.516,23	-96,61	-54.587,05	-204.351,09
1/7/2021 9:00:00 AM	210.551,64	-96,67	-53.899,94	-203.535,72
1/7/2021 9:01:00 AM	211.752,53	-96,61	-54.643,62	-204.580,56
1/7/2021 9:02:00 AM	210.800,09	-96,85	-52.476,86	-204.163,81
1/7/2021 9:03:00 AM	212.210,34	-96,31	-57.134,21	-204.374,45
1/7/2021 9:04:00 AM	211.282,91	-96,81	-52.926,43	-204.546,48
1/7/2021 9:05:00 AM	209.970,92	-97,16	-49.677,46	-204.009,64
1/7/2021 9:06:00 AM	210.449,17	-96,98	-51.349,17	-204.088,50
1/7/2021 9:07:00 AM	210.343,56	-97,05	-50.748,42	-204.129,88
1/7/2021 9:08:00 AM	210.433,00	-96,98	-51.332,13	-204.076,13
1/7/2021 9:09:00 AM	210.128,61	-97,08	-50.372,99	-204.001,45
1/7/2021 9:10:00 AM	211.102,27	-96,95	-51.764,87	-204.657,19
1/7/2021 9:11:00 AM	211.020,88	-96,91	-52.063,55	-204.497,41
1/7/2021 9:12:00 AM	210.943,45	-96,67	-53.998,74	-203.914,88
1/7/2021 9:13:00 AM	212.238,03	-96,39	-56.532,80	-204.568,28
1/7/2021 9:14:00 AM	210.393,36	-96,62	-54.212,52	-203.288,89
1/7/2021 9:15:00 AM	210.310,67	-97,13	-49.988,68	-204.283,41

**Potencia Neta CA
208MW**

PROMEDIO	196.845	97,48	43.741	191.887
DESV EST	989,5	0,43	3.889,5	408,0
% DESV EST	0,50%	0,44%	8,89%	0,21%
DATOS	61	61	61	61

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAr)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 9:45:00 AM	197.222,81	-97,28	-45.705,81	-191.853,64
1/7/2021 9:46:00 AM	197.584,27	-97,15	-46.814,29	-191.958,23
1/7/2021 9:47:00 AM	197.796,77	-97,11	-47.186,38	-192.085,94
1/7/2021 9:48:00 AM	197.381,73	-97,38	-44.905,44	-192.205,75
1/7/2021 9:49:00 AM	196.696,45	-97,51	-43.593,39	-191.804,88
1/7/2021 9:50:00 AM	196.999,25	-97,30	-45.432,42	-191.688,81
1/7/2021 9:51:00 AM	196.736,36	-97,35	-44.969,05	-191.528,02
1/7/2021 9:52:00 AM	196.722,53	-97,32	-45.201,32	-191.459,13
1/7/2021 9:53:00 AM	197.579,83	-97,50	-43.909,59	-192.638,88
1/7/2021 9:54:00 AM	197.033,25	-97,32	-45.328,26	-191.748,41
1/7/2021 9:55:00 AM	198.329,66	-96,88	-49.177,40	-192.135,98
1/7/2021 9:56:00 AM	197.637,98	-96,97	-48.308,82	-191.642,98
1/7/2021 9:57:00 AM	197.798,19	-96,99	-48.163,11	-191.844,84
1/7/2021 9:58:00 AM	198.545,69	-96,93	-48.832,71	-192.446,77
1/7/2021 9:59:00 AM	197.798,39	-96,92	-48.716,54	-191.705,25
1/7/2021 10:00:00 AM	197.538,33	-97,06	-47.579,50	-191.722,69
1/7/2021 10:01:00 AM	197.932,03	-96,96	-48.451,88	-191.910,16
1/7/2021 10:02:00 AM	198.518,11	-96,83	-49.620,53	-192.216,66
1/7/2021 10:03:00 AM	197.901,02	-96,87	-49.123,60	-191.707,28
1/7/2021 10:04:00 AM	197.532,70	-97,24	-46.124,00	-192.072,23
1/7/2021 10:05:00 AM	197.033,58	-96,79	-49.538,98	-190.704,27
1/7/2021 10:06:00 AM	198.488,83	-96,80	-49.797,61	-192.140,61
1/7/2021 10:07:00 AM	198.896,80	-96,80	-49.921,38	-192.529,95
1/7/2021 10:08:00 AM	198.404,05	-96,96	-48.539,57	-192.374,83
1/7/2021 10:09:00 AM	197.981,77	-96,85	-49.286,88	-191.748,75
1/7/2021 10:10:00 AM	199.324,27	-96,64	-51.240,34	-192.625,53
1/7/2021 10:11:00 AM	196.840,59	-97,49	-43.834,70	-191.897,73
1/7/2021 10:12:00 AM	196.587,72	-97,60	-42.767,77	-191.879,27
1/7/2021 10:13:00 AM	194.561,08	-98,19	-36.820,79	-191.045,13
1/7/2021 10:14:00 AM	195.674,53	-98,01	-38.881,09	-191.772,73
1/7/2021 10:15:00 AM	196.065,89	-98,09	-38.179,71	-192.312,83
1/7/2021 10:16:00 AM	195.630,64	-97,97	-39.180,29	-191.667,03
1/7/2021 10:17:00 AM	196.015,11	-97,86	-40.362,05	-191.814,58
1/7/2021 10:18:00 AM	196.703,55	-97,88	-40.271,71	-192.536,95
1/7/2021 10:19:00 AM	196.142,66	-97,93	-39.674,15	-192.088,27
1/7/2021 10:20:00 AM	195.212,08	-98,22	-36.639,25	-191.742,86
1/7/2021 10:21:00 AM	195.664,31	-97,98	-39.103,96	-191.717,00
1/7/2021 10:22:00 AM	196.831,61	-97,81	-40.934,20	-192.528,13
1/7/2021 10:23:00 AM	196.660,08	-97,73	-41.637,18	-192.201,81
1/7/2021 10:24:00 AM	196.211,86	-97,70	-41.824,17	-191.702,45
1/7/2021 10:25:00 AM	196.561,75	-97,76	-41.368,70	-192.159,19
1/7/2021 10:26:00 AM	195.895,17	-97,71	-41.675,01	-191.410,84
1/7/2021 10:27:00 AM	196.203,59	-97,63	-42.464,53	-191.553,16
1/7/2021 10:28:00 AM	196.755,42	-97,63	-42.545,57	-192.100,42
1/7/2021 10:29:00 AM	196.143,03	-97,67	-42.096,19	-191.572,44
1/7/2021 10:30:00 AM	196.852,36	-97,64	-42.553,68	-192.197,91
1/7/2021 10:31:00 AM	195.567,59	-97,65	-42.185,09	-190.963,61
1/7/2021 10:32:00 AM	195.662,69	-98,06	-38.325,36	-191.872,52
1/7/2021 10:33:00 AM	195.908,81	-98,00	-38.987,09	-191.990,28
1/7/2021 10:34:00 AM	195.869,56	-97,89	-40.008,81	-191.739,88
1/7/2021 10:35:00 AM	196.513,98	-97,92	-39.839,99	-192.433,16
1/7/2021 10:36:00 AM	195.858,41	-98,07	-38.276,33	-192.081,84
1/7/2021 10:37:00 AM	195.895,91	-97,63	-42.359,47	-191.261,30
1/7/2021 10:38:00 AM	196.611,94	-97,54	-43.345,43	-191.774,41
1/7/2021 10:39:00 AM	197.157,63	-97,56	-43.254,79	-192.354,25
1/7/2021 10:40:00 AM	196.447,97	-97,65	-42.295,05	-191.840,91
1/7/2021 10:41:00 AM	197.050,95	-97,42	-44.505,55	-191.959,20
1/7/2021 10:42:00 AM	196.218,81	-97,39	-44.548,41	-191.094,89
1/7/2021 10:43:00 AM	196.032,67	-97,69	-41.923,13	-191.497,41
1/7/2021 10:44:00 AM	196.116,16	-97,68	-41.971,89	-191.572,19
1/7/2021 10:45:00 AM	196.006,28	-98,10	-38.067,26	-192.274,14

Potencia Neta CA
196MW

PROMEDIO	187.555	97,13	44.524	182.178
DESV EST	727,6	0,3	2516,6	395,7
% DESV EST	0,39%	0,32%	5,65%	0,22%
DATOS	31	31	31	31

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAr)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 11:00:00 AM	187.847,63	-96,80	-47.148,61	-181.834,38
1/7/2021 11:01:00 AM	187.873,78	-97,03	-45.423,52	-182.299,92
1/7/2021 11:02:00 AM	187.710,48	-97,28	-43.479,79	-182.605,41
1/7/2021 11:03:00 AM	187.064,53	-97,64	-40.413,75	-182.646,84
1/7/2021 11:04:00 AM	187.142,06	-97,10	-44.752,20	-181.712,41
1/7/2021 11:05:00 AM	187.985,78	-97,22	-44.054,56	-182.750,78
1/7/2021 11:06:00 AM	187.158,00	-97,42	-42.205,26	-182.337,14
1/7/2021 11:07:00 AM	186.296,48	-97,41	-42.098,58	-181.477,52
1/7/2021 11:08:00 AM	186.721,67	-97,13	-44.412,55	-181.362,92
1/7/2021 11:09:00 AM	187.180,59	-97,36	-42.690,64	-182.247,31
1/7/2021 11:10:00 AM	187.018,70	-97,33	-42.967,18	-182.015,98
1/7/2021 11:11:00 AM	187.705,61	-97,12	-44.757,78	-182.291,36
1/7/2021 11:12:00 AM	187.146,69	-97,26	-43.502,59	-182.020,34
1/7/2021 11:13:00 AM	186.554,33	-97,72	-39.597,55	-182.303,47
1/7/2021 11:14:00 AM	187.714,63	-97,04	-45.322,73	-182.161,00
1/7/2021 11:15:00 AM	186.528,83	-97,38	-42.432,72	-181.638,28
1/7/2021 11:16:00 AM	186.742,03	-97,53	-41.270,76	-182.124,44
1/7/2021 11:17:00 AM	187.248,02	-97,44	-42.075,55	-182.459,48
1/7/2021 11:18:00 AM	187.127,16	-97,36	-42.681,75	-182.194,52
1/7/2021 11:19:00 AM	187.313,42	-97,18	-44.193,70	-182.025,38
1/7/2021 11:20:00 AM	187.537,86	-97,29	-43.356,27	-182.457,34
1/7/2021 11:21:00 AM	186.698,50	-97,35	-42.662,09	-181.758,84
1/7/2021 11:22:00 AM	188.376,64	-96,91	-46.499,97	-182.547,30
1/7/2021 11:23:00 AM	188.544,94	-96,86	-46.880,30	-182.623,75
1/7/2021 11:24:00 AM	188.034,22	-96,68	-48.032,27	-181.795,95
1/7/2021 11:25:00 AM	188.634,20	-96,82	-47.192,53	-182.635,52
1/7/2021 11:26:00 AM	187.746,30	-96,73	-47.622,04	-181.606,20
1/7/2021 11:27:00 AM	188.184,84	-96,72	-47.824,77	-182.006,39
1/7/2021 11:28:00 AM	188.823,02	-96,57	-49.034,23	-182.345,22
1/7/2021 11:29:00 AM	189.059,64	-96,78	-47.615,89	-182.965,23
1/7/2021 11:30:00 AM	188.480,28	-96,70	-48.048,24	-182.253,08

Potencia Neta CA
183MW

PROMEDIO	178.889	96,29	48.269	172.249
DESV EST	563,0	0,2	1458,9	443,6
% DESV EST	0,31%	0,22%	3,02%	0,26%
DATOS	31	31	31	31

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAr)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 11:45:00 AM	178.735,92	-96,34	-47.917,63	-172.193,02
1/7/2021 11:46:00 AM	178.086,80	-96,79	-44.787,31	-172.363,02
1/7/2021 11:47:00 AM	178.818,63	-96,25	-48.494,81	-172.117,27
1/7/2021 11:48:00 AM	178.765,41	-96,25	-48.468,24	-172.069,45
1/7/2021 11:49:00 AM	178.989,77	-96,22	-48.778,17	-172.215,06
1/7/2021 11:50:00 AM	178.959,52	-96,23	-48.661,76	-172.216,55
1/7/2021 11:51:00 AM	179.021,95	-96,05	-49.820,69	-171.949,86
1/7/2021 11:52:00 AM	178.870,67	-96,34	-47.934,69	-172.328,13
1/7/2021 11:53:00 AM	178.240,02	-96,24	-48.419,72	-171.537,25
1/7/2021 11:54:00 AM	178.585,41	-96,41	-47.417,57	-172.175,27
1/7/2021 11:55:00 AM	178.821,22	-96,23	-48.659,62	-172.073,44
1/7/2021 11:56:00 AM	179.229,61	-96,18	-49.082,00	-172.378,09
1/7/2021 11:57:00 AM	178.715,16	-96,63	-46.010,91	-172.690,77
1/7/2021 11:58:00 AM	178.779,33	-96,47	-47.089,27	-172.466,38
1/7/2021 11:59:00 AM	178.472,98	-96,63	-45.956,65	-172.454,61
1/7/2021 12:00:00 PM	177.957,53	-96,54	-46.413,59	-171.798,31
1/7/2021 12:01:00 PM	177.921,50	-96,46	-46.949,09	-171.615,38
1/7/2021 12:02:00 PM	178.784,67	-95,92	-50.548,60	-171.489,94
1/7/2021 12:03:00 PM	179.371,06	-96,24	-48.712,29	-172.629,94
1/7/2021 12:04:00 PM	179.799,25	-96,30	-48.439,92	-173.151,20
1/7/2021 12:05:00 PM	179.831,61	-95,98	-50.456,75	-172.608,00
1/7/2021 12:06:00 PM	179.114,39	-96,22	-48.792,60	-172.340,50
1/7/2021 12:07:00 PM	179.777,23	-96,07	-49.912,55	-172.709,56
1/7/2021 12:08:00 PM	178.884,03	-95,96	-50.327,27	-171.658,56
1/7/2021 12:09:00 PM	180.101,42	-96,02	-50.321,18	-172.928,59
1/7/2021 12:10:00 PM	178.022,55	-96,36	-47.577,72	-171.547,05
1/7/2021 12:11:00 PM	179.213,72	-96,26	-48.579,32	-172.503,94
1/7/2021 12:12:00 PM	178.951,05	-96,60	-46.279,20	-172.863,28
1/7/2021 12:13:00 PM	178.239,53	-96,46	-46.999,80	-171.931,25
1/7/2021 12:14:00 PM	179.651,92	-96,23	-48.888,52	-172.872,00
1/7/2021 12:15:00 PM	178.857,48	-96,07	-49.626,32	-171.834,89

Potencia Neta CA
170MW

PROMEDIO	168.390	96,29	45.381	162.139
DESV EST	830,8	0,4	2739,0	379,1
% DESV EST	0,49%	0,44%	6,04%	0,23%
DATOS	31	31	31	31

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAR)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 12:30:00 PM	168.648,48	-96,13	-46.476,63	-162.117,97
1/7/2021 12:31:00 PM	168.739,94	-95,79	-48.423,13	-161.642,72
1/7/2021 12:32:00 PM	168.773,64	-96,18	-46.230,62	-162.318,44
1/7/2021 12:33:00 PM	169.044,20	-96,00	-47.358,82	-162.274,73
1/7/2021 12:34:00 PM	169.237,95	-95,99	-47.429,04	-162.456,06
1/7/2021 12:35:00 PM	169.780,66	-96,01	-47.457,61	-163.013,02
1/7/2021 12:36:00 PM	168.685,06	-96,20	-46.033,04	-162.282,50
1/7/2021 12:37:00 PM	169.818,19	-95,68	-49.363,27	-162.485,33
1/7/2021 12:38:00 PM	168.366,36	-96,00	-47.167,83	-161.624,34
1/7/2021 12:39:00 PM	167.401,94	-96,34	-44.894,76	-161.269,56
1/7/2021 12:40:00 PM	168.052,39	-96,28	-45.416,31	-161.799,16
1/7/2021 12:41:00 PM	168.535,06	-96,02	-47.053,17	-161.833,45
1/7/2021 12:42:00 PM	169.016,63	-96,25	-45.834,39	-162.683,20
1/7/2021 12:43:00 PM	168.323,94	-96,33	-45.155,36	-162.154,06
1/7/2021 12:44:00 PM	169.953,38	-95,45	-50.683,87	-162.219,89
1/7/2021 12:45:00 PM	169.238,31	-95,56	-49.858,34	-161.727,41
1/7/2021 12:46:00 PM	169.305,89	-95,70	-49.113,65	-162.025,73
1/7/2021 12:47:00 PM	167.731,13	-96,36	-44.843,58	-161.625,45
1/7/2021 12:48:00 PM	168.891,17	-96,08	-46.810,19	-162.274,56
1/7/2021 12:49:00 PM	167.905,31	-96,64	-43.140,73	-162.268,52
1/7/2021 12:50:00 PM	167.788,67	-96,65	-43.042,34	-162.173,97
1/7/2021 12:51:00 PM	168.663,81	-96,54	-43.978,91	-162.829,17
1/7/2021 12:52:00 PM	168.055,22	-96,42	-44.583,28	-162.033,61
1/7/2021 12:53:00 PM	167.119,28	-97,00	-40.625,77	-162.106,16
1/7/2021 12:54:00 PM	166.607,70	-97,14	-39.540,59	-161.847,69
1/7/2021 12:55:00 PM	167.205,36	-96,75	-42.257,56	-161.777,42
1/7/2021 12:56:00 PM	167.637,55	-96,75	-42.388,03	-162.190,02
1/7/2021 12:57:00 PM	168.435,50	-96,57	-43.718,67	-162.662,81
1/7/2021 12:58:00 PM	167.734,70	-96,71	-42.693,86	-162.210,25
1/7/2021 12:59:00 PM	167.779,50	-96,64	-43.111,77	-162.146,02
1/7/2021 1:00:00 PM	167.605,70	-96,79	-42.123,44	-162.226,03

Potencia Neta CA
158MW

PROMEDIO	158.213	95,92	44.712	151.757
DESV EST	513,3	0,3	1466,1	332,2
% DESV EST	0,32%	0,26%	3,28%	0,22%
DATOS	31	31	31	31

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAr)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 1:15:00 PM	157.337,09	-96,40	-41.856,16	-151.667,48
1/7/2021 1:16:00 PM	158.277,14	-95,94	-44.636,35	-151.852,72
1/7/2021 1:17:00 PM	158.262,08	-96,03	-44.127,18	-151.985,80
1/7/2021 1:18:00 PM	157.773,75	-96,20	-43.056,46	-151.785,03
1/7/2021 1:19:00 PM	157.997,38	-96,21	-43.084,54	-152.009,52
1/7/2021 1:20:00 PM	158.396,42	-96,17	-43.436,42	-152.324,34
1/7/2021 1:21:00 PM	158.022,02	-96,26	-42.830,95	-152.106,77
1/7/2021 1:22:00 PM	157.552,97	-96,27	-42.616,05	-151.679,95
1/7/2021 1:23:00 PM	157.381,98	-96,18	-43.087,59	-151.368,92
1/7/2021 1:24:00 PM	157.814,70	-96,17	-43.239,93	-151.775,47
1/7/2021 1:25:00 PM	157.859,86	-95,83	-45.116,50	-151.275,36
1/7/2021 1:26:00 PM	158.153,47	-95,75	-45.605,91	-151.435,20
1/7/2021 1:27:00 PM	159.194,08	-95,63	-46.548,47	-152.236,64
1/7/2021 1:28:00 PM	158.536,67	-95,67	-46.137,29	-151.674,73
1/7/2021 1:29:00 PM	158.185,27	-95,75	-45.625,08	-151.462,64
1/7/2021 1:30:00 PM	157.989,42	-95,71	-45.787,71	-151.208,94
1/7/2021 1:31:00 PM	157.830,81	-95,79	-45.299,00	-151.190,48
1/7/2021 1:32:00 PM	158.123,73	-95,84	-45.136,18	-151.544,84
1/7/2021 1:33:00 PM	158.844,28	-95,71	-46.036,71	-152.026,73
1/7/2021 1:34:00 PM	158.233,06	-96,24	-42.996,28	-152.279,44
1/7/2021 1:35:00 PM	157.717,16	-96,07	-43.765,55	-151.523,19
1/7/2021 1:36:00 PM	157.881,94	-95,94	-44.545,09	-151.467,63
1/7/2021 1:37:00 PM	159.091,14	-95,48	-47.292,92	-151.899,22
1/7/2021 1:38:00 PM	158.399,97	-95,61	-46.434,96	-151.440,89
1/7/2021 1:39:00 PM	158.349,75	-95,93	-44.729,64	-151.900,97
1/7/2021 1:40:00 PM	158.892,16	-95,58	-46.711,23	-151.870,92
1/7/2021 1:41:00 PM	158.849,14	-95,63	-46.467,82	-151.900,61
1/7/2021 1:42:00 PM	159.156,86	-95,71	-46.141,64	-152.321,56
1/7/2021 1:43:00 PM	158.521,23	-95,95	-44.677,16	-152.095,16
1/7/2021 1:44:00 PM	157.436,25	-96,14	-43.313,58	-151.360,86
1/7/2021 1:45:00 PM	158.530,58	-95,75	-45.718,71	-151.795,06

Potencia Neta CA
145MW

PROMEDIO	145.980	96,02	40.718	140.172
DESV EST	494,6	0,4	2031,1	377,7
% DESV EST	0,34%	0,39%	4,99%	0,27%
DATOS	31	31	31	31

Timestamp	NEH_Gx.SE_SLU_L01 Apparent Power (kVA)	NEH_Gx.SE_SLU_L01 Power Factor (%)	NEH_Gx.SE_SLU_L01 Reactive Power (kVAr)	NEH_Gx.SE_SLU_L01 Real Power (kW)
1/7/2021 2:00:00 PM	146.415,31	-96,09	-40.555,77	-140.686,42
1/7/2021 2:01:00 PM	145.800,36	-96,12	-40.205,36	-140.147,34
1/7/2021 2:02:00 PM	145.089,77	-96,27	-39.236,46	-139.683,72
1/7/2021 2:03:00 PM	145.486,75	-96,41	-38.613,75	-140.268,92
1/7/2021 2:04:00 PM	145.777,55	-96,50	-38.248,70	-140.670,28
1/7/2021 2:05:00 PM	144.898,55	-96,40	-38.506,48	-139.688,36
1/7/2021 2:06:00 PM	146.365,28	-95,97	-41.127,06	-140.468,36
1/7/2021 2:07:00 PM	146.395,78	-95,94	-41.278,54	-140.455,72
1/7/2021 2:08:00 PM	146.852,38	-95,90	-41.636,18	-140.826,31
1/7/2021 2:09:00 PM	146.427,42	-95,97	-41.157,73	-140.524,13
1/7/2021 2:10:00 PM	146.408,84	-95,71	-42.419,23	-140.129,06
1/7/2021 2:11:00 PM	146.469,36	-95,65	-42.717,97	-140.101,56
1/7/2021 2:12:00 PM	146.452,48	-95,56	-43.151,99	-139.950,83
1/7/2021 2:13:00 PM	146.382,56	-95,57	-43.104,39	-139.892,33
1/7/2021 2:14:00 PM	146.286,13	-95,61	-42.848,79	-139.869,97
1/7/2021 2:15:00 PM	145.129,38	-96,32	-39.031,95	-139.782,11
1/7/2021 2:16:00 PM	146.252,70	-95,81	-41.912,72	-140.118,44
1/7/2021 2:17:00 PM	146.199,80	-95,67	-42.573,78	-139.863,70
1/7/2021 2:18:00 PM	146.070,20	-95,74	-42.157,41	-139.854,42
1/7/2021 2:19:00 PM	146.433,23	-95,77	-42.154,36	-140.234,45
1/7/2021 2:20:00 PM	146.380,09	-95,51	-43.348,28	-139.814,38
1/7/2021 2:21:00 PM	146.344,22	-95,61	-42.881,31	-139.920,78
1/7/2021 2:22:00 PM	145.893,30	-95,62	-42.687,07	-139.508,67
1/7/2021 2:23:00 PM	145.771,52	-95,96	-41.002,75	-139.886,08
1/7/2021 2:24:00 PM	145.376,22	-96,64	-37.346,84	-140.497,19
1/7/2021 2:25:00 PM	145.937,19	-96,35	-39.048,98	-140.615,94
1/7/2021 2:26:00 PM	145.716,09	-96,43	-38.605,36	-140.509,09
1/7/2021 2:27:00 PM	145.911,03	-96,30	-39.297,89	-140.519,41
1/7/2021 2:28:00 PM	145.509,91	-96,35	-38.958,42	-140.197,63
1/7/2021 2:29:00 PM	145.680,83	-95,92	-41.198,19	-139.734,08
1/7/2021 2:30:00 PM	145.250,52	-97,01	-35.247,78	-140.908,86

Resumen Potencia CICLO COMBINADO



ESCALÓN	323MW	300MW	285MW	270MW	255MW	240MW	225MW
POTENCIA BRUTA TG kW	208.702	198.140	187.125	175.700	163.976	156.183	140.786
Factor de Potencia TG	95,59	95,36	95,48	94,85	94,81	94,40	94,89
POTENCIA NETA TG kW	199.782	189.551	178.783	167.660	156.388	148.692	133.889
POTENCIA BRUTA TV kW	112.312	107.937	103.536	99.891	96.089	93.741	88.529
Factor de Potencia TV	95,69	95,76	95,07	95,29	94,58	94,55	94,78
POTENCIA NETA TV kW	107.489	103.289	98.946	95.404	91.724	89.389	84.392

CICLO COMBINADO							
POTENCIA BRUTA CC kW	321.013	306.077	290.662	275.591	260.066	249.924	229.315
POTENCIA NETA CC kW	307.271	292.840	277.730	263.064	248.112	238.081	218.281
Consumos Propios + Pérdidas	13.742	13.237	12.932	12.526	11.954	11.843	11.034

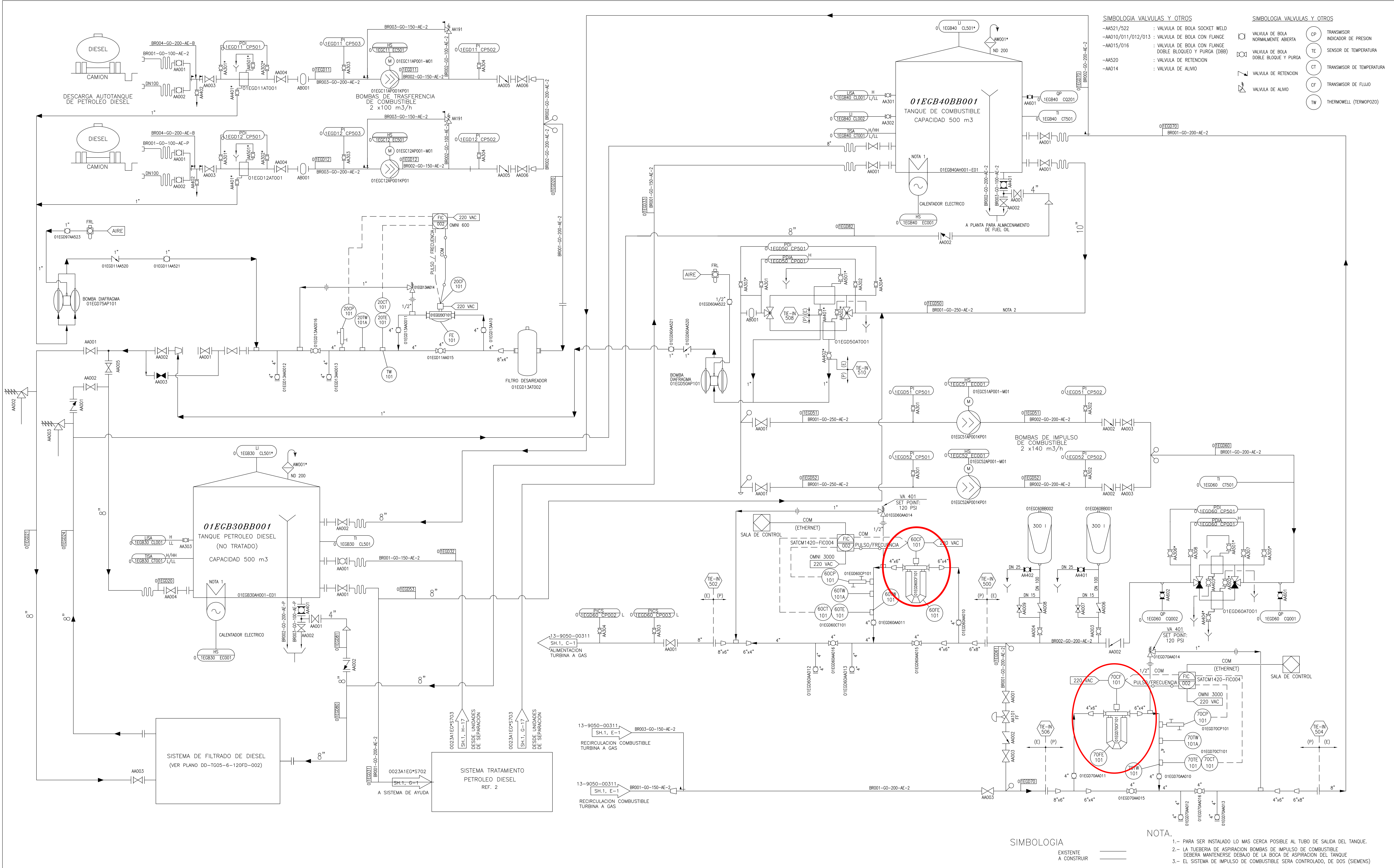


A – 5 Esquemas de Mediciones Principales

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



REVISION						
REV.	FECHA	POR	DESCRIPCION	REV.	FECHA	POR
A	30.08.14	C.P.C.	EMITIDO PARA REVISION Y COMENTARIOS CLIENTE			
1	30.12.14	H.V.P.	AS-BUILT			

REFERENCIAS					
PLANO N°	DESCRIPCION	PLANO N°	DESCRIPCION	PLANO N°	DESCRIPCION
13-9050-00311	SH.1, E-1	BR003-GO-150-AE-2	RECIRCULACION COMBUSTIBLE TURBINA A GAS		
13-9050-00311	SH.1, E-1	BR001-GO-150-AE-2	RECIRCULACION COMBUSTIBLE TURBINA A GAS		

N° PLANO TECMEL : 1408-PR-104		PROYECTO : MEJORAS INSTALACIONES DE COMBUSTIBLES		CENTRAL TERMoeLECTRICA NEHUENCO	
DISEÑO : TECMEL		FECHA : JULIO 2014		MATERIA : PIPING IMPULSION Y RETORNO TG-1 P&ID	
DIBUJO : C.P.C.		FIRMA :		APROBO : E+H	
REVISO 1 : W.D.P.		REVISO 2 : T.G.		PROYECTO : TECMEL	
REVISO 2 : T.G.		REVISO : E+H		DIBUJO : TECMEL	
APROBO : TECMEL		JULIO 2014		REVISION : ESCALA SIN ESCALA	
SATCM-1420-DWG-PR-104					

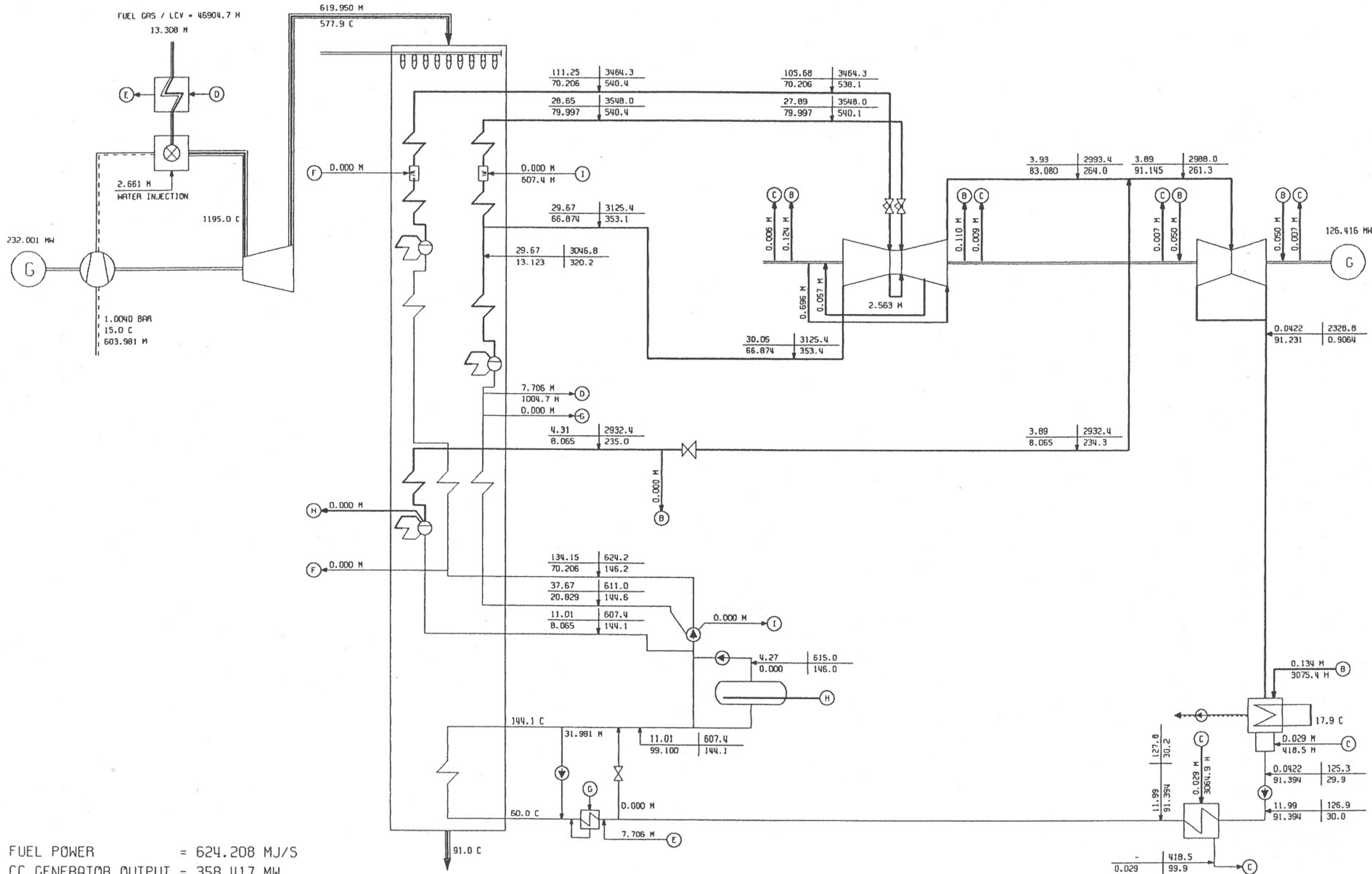


A – 6 Esquema de Balances Térmicos

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



FUEL POWER = 624.208 MJ/S
 CC GENERATOR OUTPUT = 358.417 MW
 CC GROSS EFFICIENCY = 57.42 %

- FOR INFORMATION ONLY
- WORKING SHEET
- ⊗ GUARANTEE

Signature

BAR	KJ/KG
KG/S	°C (X)
M..MASS FLOW..KG/S	
H..ENTHALPY..KJ/KG	
T..TEMPERATURE..°C	

CCPP NEHUENCO 1.V94.3A, 100% GT LOAD 15 °C, 60% RH, 74m	
HEAT FLOW DIAGRAM NR. 031163-FTP2-G1001 ERLANGEN, 10.05.1996 MA	SIEMENS AG KWU FTP2