

P19100
ESTUDIOS ELÉCTRICOS PF SAN PEDRO

21.12.2020

Informe Técnico Mínimo Técnico
19100-01-ES-IT-017 Rev. C
Preparado para NATURGY





P19100

ESTUDIOS ELÉCTRICOS PF SAN PEDRO

Informe Técnico Mínimo Técnico

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REVISIÓN	PREPARADO POR	FECHA	REVISADO POR	FECHA	COMENTARIOS
Rev.A	Eduardo Valdenegro	14-12-2020	Esteban Canales	15-12-2020	Revisión interna
Rev.B	Eduardo Valdenegro	17-12-2020	GPG	21-12-2020	
Rev.C	Cristóbal Valenzuela	21-12-2020			

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1. IDENTIFICACIÓN

◆ Nombre del Proyecto	:	PF San Pedro 106 MW
◆ Numero Único de Proyecto (NUP)	:	1672
◆ Empresa Propietaria del Proyecto	:	GPG SOLAR CHILE 2017 SpA

2. INTRODUCCIÓN

Actualmente, GPG SOLAR CHILE 2017 SpA se encuentra desarrollando el proyecto Parque Fotovoltaico San Pedro (en adelante PF San Pedro) de 106 MW de potencia instalada. El PF San Pedro se divide administrativamente en 2 proyectos, San Pedro I y San Pedro IV, los cuales inyectan su energía a través de un sistema de cables subterráneos en 33 kV que llega a la subestación seccionadora Lasana 220/33 kV, que secciona la línea existente 1x220 kV Calama – Solar Jama. También es parte del alcance del proyecto, la construcción de 2,9 km de línea 2x220 kV, desde la subestación Lasana hasta la Est. N°18 de la línea Calama – Solar Jama, estructura preparada para realizar el seccionamiento de la línea y que se encuentra instalada.

En este sentido, NATURGY adjudicó a I-SEP el desarrollo del informe técnico de determinación de mínimo técnico, el cual es requerido por el Coordinador Eléctrico Nacional para la entrada en operación del proyecto. En la Figura 2-1 se muestra el Diagrama Unilineal del PF San Pedro.

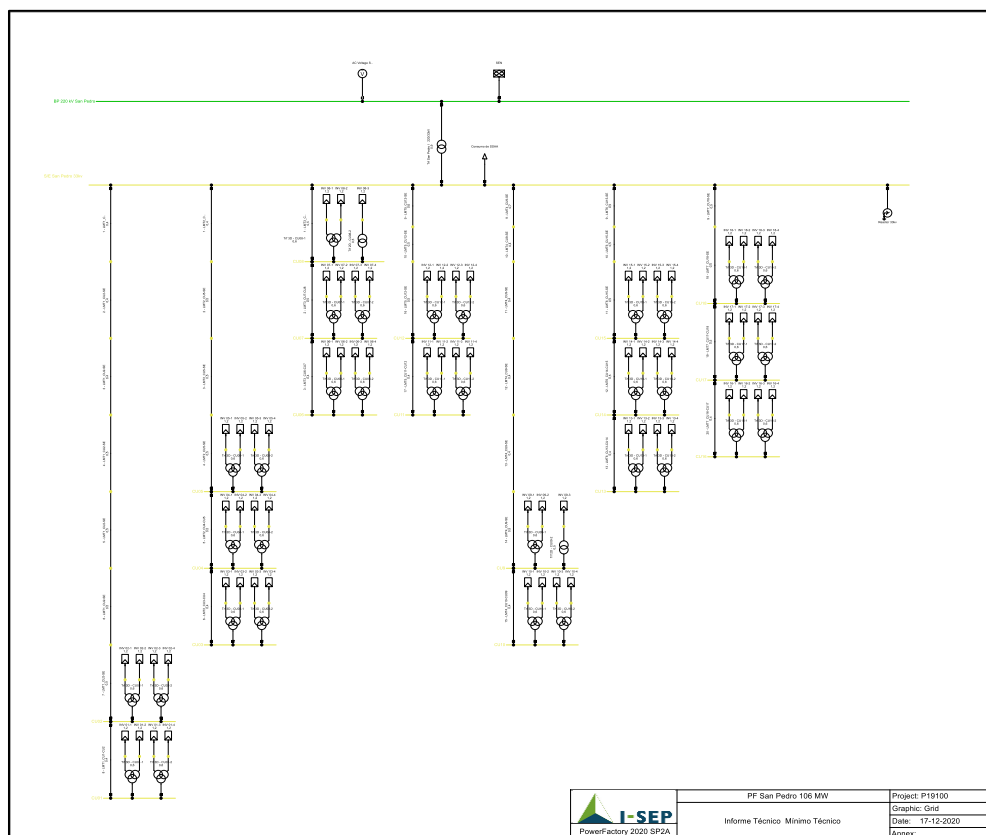


Figura 2-1 Diagrama Unilineal del PF San Pedro.

3. OBJETIVOS Y ALCANCE

El objetivo del presente informe es establecer los parámetros de mínimo Técnico del proyecto PF San Pedro, según las pruebas realizadas en el parque y los lineamientos establecido en el **Anexo Técnico: Determinación de mínimos técnicos en Unidades Generadoras**.

4. ANTECEDENTES

Los antecedentes y registro de mediciones consultados para la realización del presente informe fueron los siguientes:

- a) Registro de mediciones realizadas en terreno “Mínimo Técnico.xlsx” día 05/12/2020.
- b) Base de datos de PowerFactory “BD_MinTec.pfd”, desarrollada por I-SEP.
- c) Documento “INGECONSUN1640TLB630H2570_REV1.xlsx”, facilitado por el cliente.
- d) Documento “INGECON+SUN+Power+Serie+B+@1500Vdc.pdf”, facilitado por el cliente.
- e) Documento “ABQ0000IMC08_A.pdf”, elaborado por Ingeteam.

5. DESCRIPCIÓN TÉCNICA DEL PROYECTO

El PF San Pedro, ubicado a unos 18km al sureste de la ciudad de Calama, se subdivide administrativamente en dos proyectos colindantes, denominados San Pedro I y San Pedro IV, y tiene una capacidad de inyección autorizada de 106 MW en el Sistema Eléctrico Nacional (SEN). En total, el parque contempla la instalación de 234696 módulos fotovoltaicos bifaciales de 430/435Wp, organizados en 8382 strings. La totalidad de los módulos fotovoltaicos son explotados en conjunto y en los dos emplazamientos antes detallado. La situación y la disposición del parque se indica en la Figura 5-1.

Para la evacuación de la energía al SEN, el parque incluye la construcción de una subestación elevadora, denominada S/E Lasana, construida con una configuración de barra principal 220 kV más una barra de transferencia de 220 kV y compuesto por 5 paños. En dicha subestación se ubica un único transformador de poder de 120 MVA, 220/33 kV.

La transmisión de la energía del Parque al SEN se realizará en la SE Calama, propiedad de Transemel, a través del seccionamiento de la línea de transmisión existente Solar Jama – Calama 1x220 kV en la Torre 18. Desde dicho punto, se ha construido una nueva línea aérea 220 kV de doble circuito y de 2,942 km de longitud, con 11 apoyos intermedios entre la subestación de la Planta Solar Fotovoltaica San Pedro (S/E Lasana) y el punto de conexión a la red en el apoyo T1 correspondiente a la estructura N°18 de la línea existente Solar Jama - Calama.

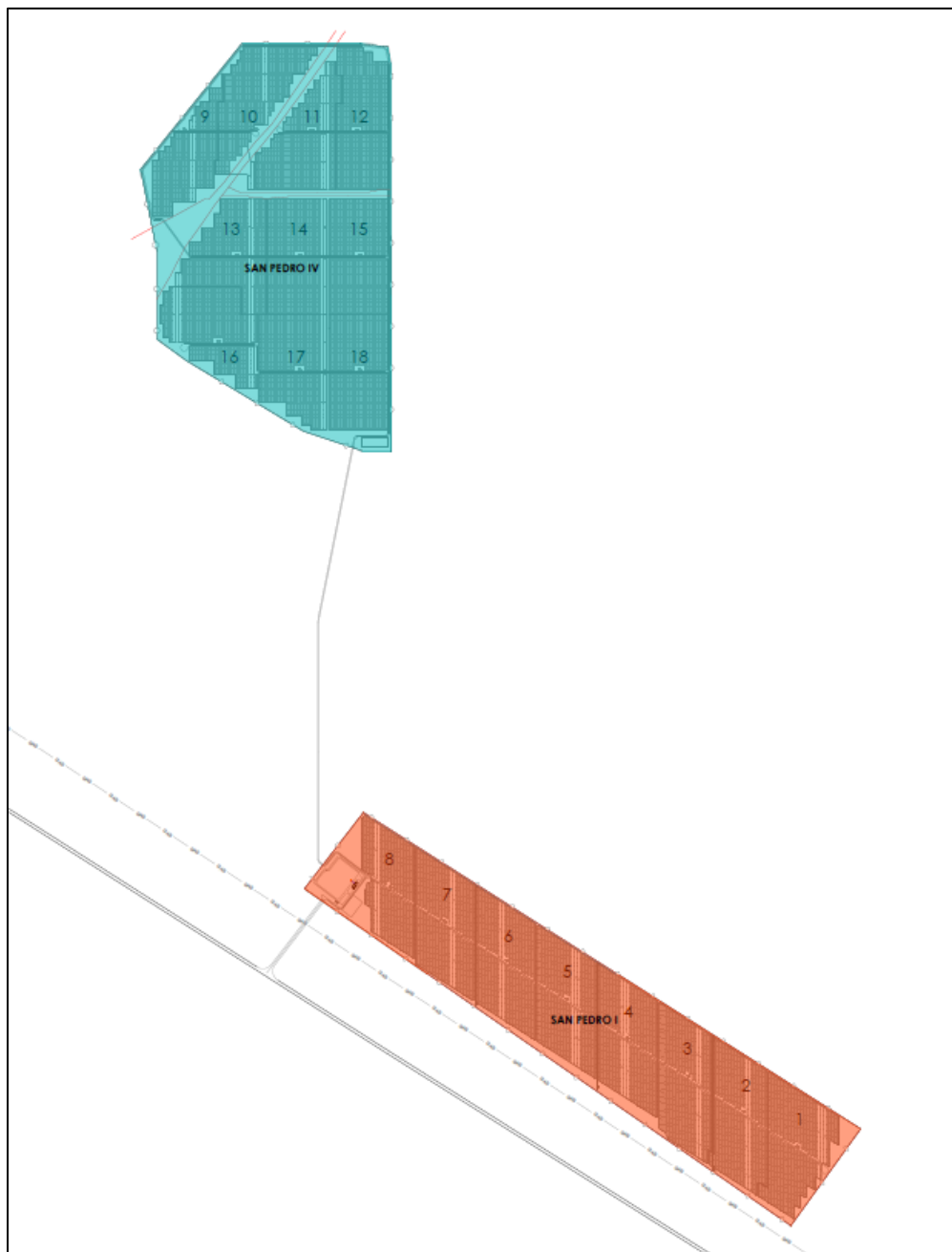


Figura 5-1 PF San Pedro – San Pedro I & IV

A nivel de media tensión, el parque está conformado por un total de 70 inversores marca Ingeteam, modelo 1640TL B630, de 1,637 MVA de potencia nominal. Estos inversores están distribuidos en 18 centros de transformación, conectados a 7 circuitos, tal y como se muestran en la Figura 5-2 y Figura 5-3. Para la conexión a la red de media tensión los inversores utilizan un transformador que eleva la tensión de los 630 V a los 33 kV a nivel de la red de media tensión.

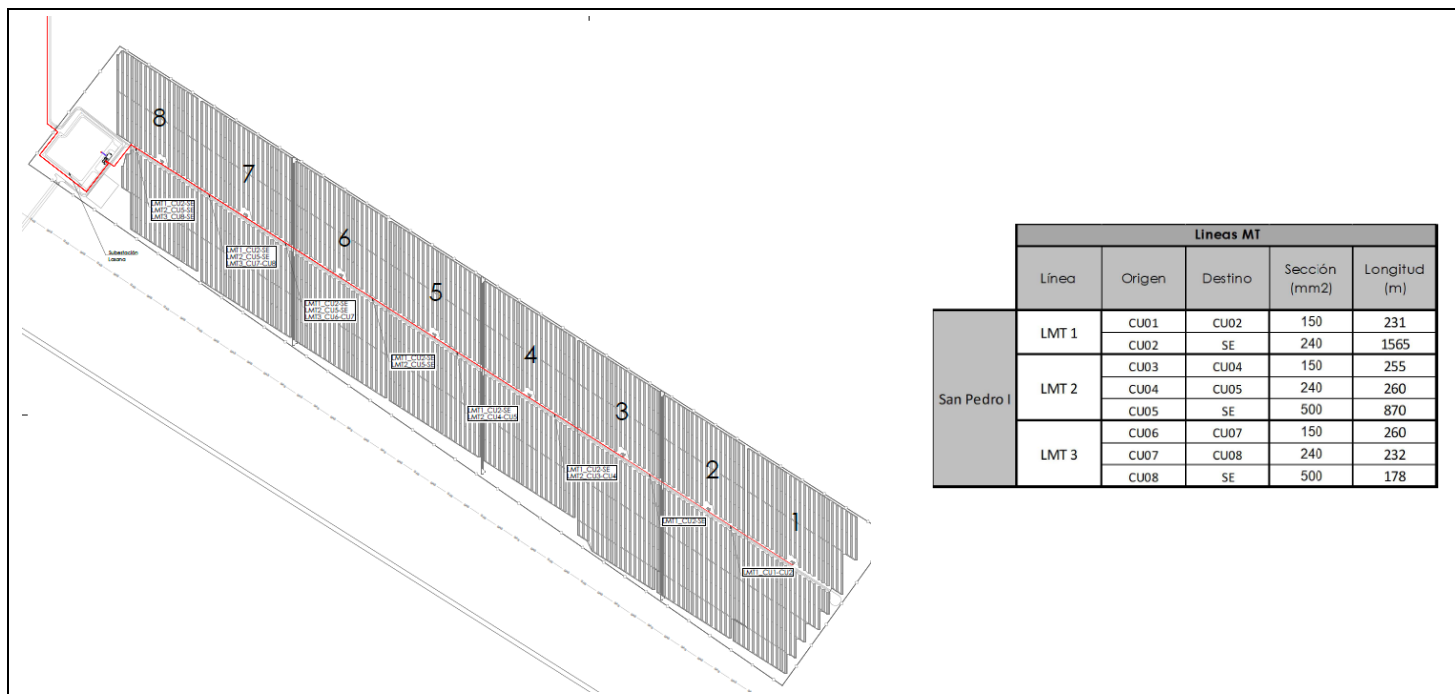


Figura 5-2 Red colectora o MT de San Pedro I.

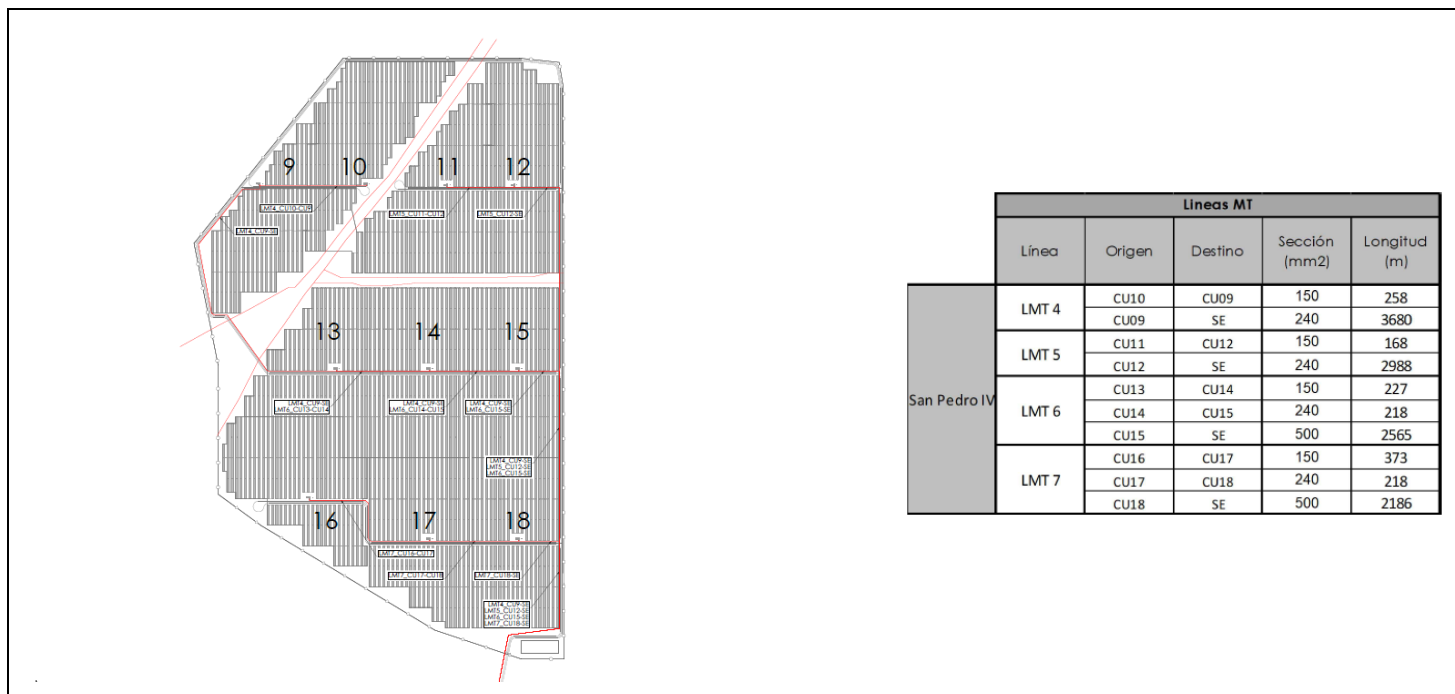


Figura 5-3 Red colectora o MT de San Pedro IV.

A continuación, se detallan las principales características de los principales elementos que conforman el parque fotovoltaico, y que son relevante para el desarrollo del presente documento.

5.1. TRANSFORMADOR PRINCIPAL

Los parámetros técnicos del transformador elevador del PF San Pedro, son los indicados en la siguiente tabla:

Tabla 5-1 Parámetros transformador de poder 220/33 kV – Trf N°1 PF San Pedro.

PARÁMETROS	VALOR
Potencia Nominal ONAN	90 [MVA]
Potencia Nominal ONAF	120 [MVA]
Niveles de Tensión	220/33 [kV]
Grupo de conexión	YNd11
Impedancia de secuencia positiva (Base 102 MVA)	14,5%
Impedancia de secuencia cero (Base 102 MVA)	13,4%

5.2. INVERSORES PF SAN PEDRO

El proyecto PF San Pedro cuenta con un total de 70 inversores de la marca Ingeteam. Los parámetros técnicos de los inversores del PF San Pedro se indican en la siguiente tabla:

Tabla 5-2 Parámetros de los inversores del PF San Pedro.

PARÁMETROS	VALOR
Fabricante	Ingeteam
Modelo	1640TL B630
Potencia Nominal	1,637 [MVA]
Tensión Nominal	0,63 [kV]
Corriente de cortocircuito	2,04 [kA]

5.3. TRANSFORMADORES 33/0,63 kV

Los parámetros técnicos de los transformadores de 33/0,63 kV correspondiente a los inversores del PF San Pedro se indican en las siguientes tablas:

Tabla 5-3 Parámetros transformadores de bloque de dos devanados 33/0,63 kV.

PARÁMETROS	VALORES
Potencia Nominal	4,92 [MVA]
Niveles de Tensión	33/0,63 [kV]
Grupo de conexión	Dy11
Impedancia de secuencia positiva (Base 4,92 MVA)	8,00 [%]
Impedancia de secuencia cero (Base 4,92 MVA)	8,00 [%]
Pérdidas en el cobre	44,28 [kW]
Pérdidas en vacío, secuencia positiva	4,92 [kW]
Corriente de magnetización, secuencia positiva	0,5%

Tabla 5-4 Parámetros transformadores de bloque de tres devanados 33/0,63/0,63 kV.

PARÁMETROS	VALORES
Potencia Nominal Primario	6,56 [MVA]
Potencia Nominal Secundario	3,28 [MVA]
Potencia Nominal Terciario	3,28 [MVA]
Niveles de Tensión	33/0,63/0,63 [kV]
Grupo de conexión	Dy11y11
Impedancia de secuencia positiva (Base 3,28 MVA)	8,00 [%]
Impedancia de secuencia cero (Base 3,28 MVA)	8,00 [%]
Pérdidas en el cobre	58,95 [kW]
Pérdidas en vacío, secuencia positiva	6,56 [kW]
Corriente de magnetización, secuencia positiva	0,5%

6. REVISIÓN NORMATIVA

A continuación, se exponen los principales estándares normativos (Anexo Técnico: “Determinación de mínimos técnicos en unidades generadoras” disponible en la página de la CNE) que son de relevancia para el presente informe.

Artículo 9: Informe Técnico:

El Informe Técnico que respalda el valor de Mínimo Técnico o Informe de Mínimo Técnico, consistirá en un documento que describa los registros de operación, supuestos, metodologías, alcances de la aplicación de estas metodologías, y conclusiones bajo los cuales se estableció el valor de Mínimo Técnico informado.

Este informe deberá contener, al menos, la siguiente información:

- Antecedentes técnicos de diseño.
- Recomendaciones del fabricante y antecedentes nacionales o internacionales de unidades de similares características.
- Antecedentes de operación de la unidad generadora, incluyendo los registros y descripción de los análisis y pruebas efectuadas.
- Justificaciones que describan las eventuales fuentes de inestabilidad en la operación de la unidad generadora, que impidan que la unidad pueda operar en un valor menor de potencia activa.
- Antecedentes técnicos que respalden y expliquen el comportamiento esperado o desempeño registrado.

Para el caso de unidades generadoras que puedan operar con combustible alternativo y cuyo valor de Mínimo Técnico sea distinto al del combustible principal, deberán entregar los antecedentes requeridos en el presente Anexo para el combustible principal y el alternativo.

Una vez recibido el Informe Técnico, la DO deberá verificar que dicho informe contiene todos los antecedentes especificados en el presente Artículo, para lo cual tendrá un plazo de 15 días hábiles. En el caso de detectar que existen antecedentes faltantes para un adecuado análisis del Mínimo Técnico informado, la DO solicitará a la Empresa Generadora completar el informe, para lo cual ésta tendrá un plazo de 15 días hábiles.

Cuando la DO determine que el Informe Técnico entregado por la Empresa Generadora contiene todos los antecedentes necesarios para su análisis, lo publicará en el sitio web del CDEC y notificará a las empresas Coordinadas sobre el inicio del proceso de aprobación del Mínimo Técnico informado.

7. DETERMINACIÓN DE MÍNIMO TÉCNICO

7.1. DEFINICIÓN DE PUNTOS DE MEDICIÓN

A continuación, se describe un sistema equivalente que presenta un parque fotovoltaico conectado al Sistema Eléctrico Nacional (SEN), con el cual se puede definir lo siguiente:

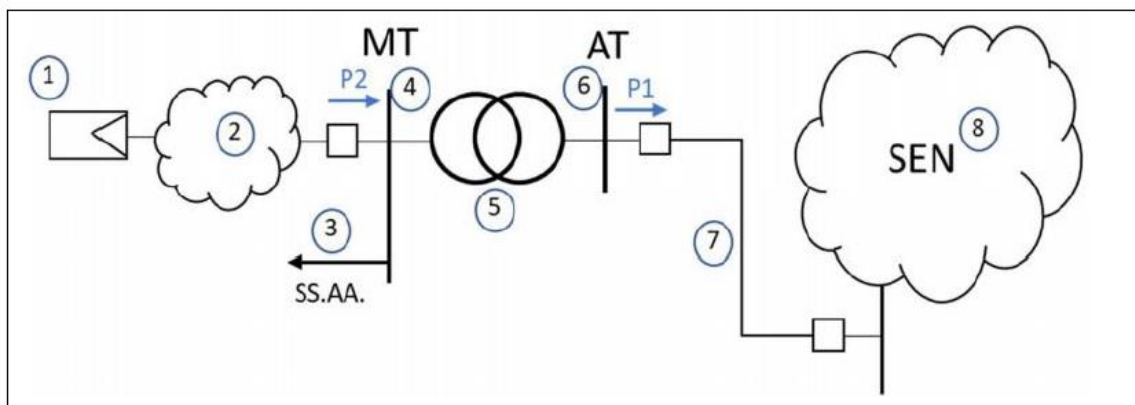


Figura 7-1 Sistema Equivalente parque fotovoltaico.

Los componentes del parque son los siguientes:

1. **Generador equivalente:** Corresponde a la suma de los aportes distribuidos de potencia activa alterna de cada inversor del PF San Pedro.
2. **Pérdidas en sistema colector del parque:** Corresponde a las pérdidas del sistema colector del PF San Pedro, principalmente en el sistema de cables de media tensión, y en los transformadores asociados a los centros de transformación.
3. **Servicios Auxiliares (SSAA) de la central.**
4. **Barra de media tensión (MT):** Corresponde a la barra de 33 kV que conecta con el lado de baja tensión del transformador de poder de la central.
5. **Transformador de poder:** Equipo elevador de 220/33 kV presente en la subestación de salida del PF San Pedro.

6. **Barra de alta tensión: (AT):** Corresponde a la barra de 220 kV que conecta con el lado de alta tensión del transformador de poder de la central.
7. **Línea dedicada de la central:** Línea dedicada que vincula el PF San Pedro con el Sistema Eléctrico Nacional.
8. **Sistema Eléctrico Nacional (SEN).**
9. **P1:** Potencia inyectada por el PF San Pedro en la barra de 220 kV de su subestación de salida.
10. **P2:** Potencia inyectada por el PF San Pedro en la barra de 33 kV de su subestación de salida.

7.2. CÁLCULO MÍNIMO TÉCNICO

Se realizaron los ensayos para la determinación del mínimo técnico del Parque PF San Pedro el día 5 de diciembre del 2020. Dichos ensayos consistieron en el cambio de consigna de la generación de potencia activa a 0 MW durante un intervalo de 32 minutos a través del PPC, mientras que en forma simultánea se realizaron las medidas para determinar el mínimo técnico del parque y la potencia activa inyectada en la barra de 220 kV del parque (P1). Posteriormente se vuelve a la consigna inicial para reestablecer la operación del parque.

En la figura 7-2 se observa el gráfico de potencia activa para las pruebas mínimo técnico realizadas en el PF San Pedro obtenida por medio del antecedente (a). Para la obtención de la potencia activa inyectada en la barra de 220 kV del parque (P1) se calcula un promedio aritmético de las mediciones realizadas en terreno entre las 13:08:47 a 13:41:30 hrs ante un cambio de consigna de 0 MW.

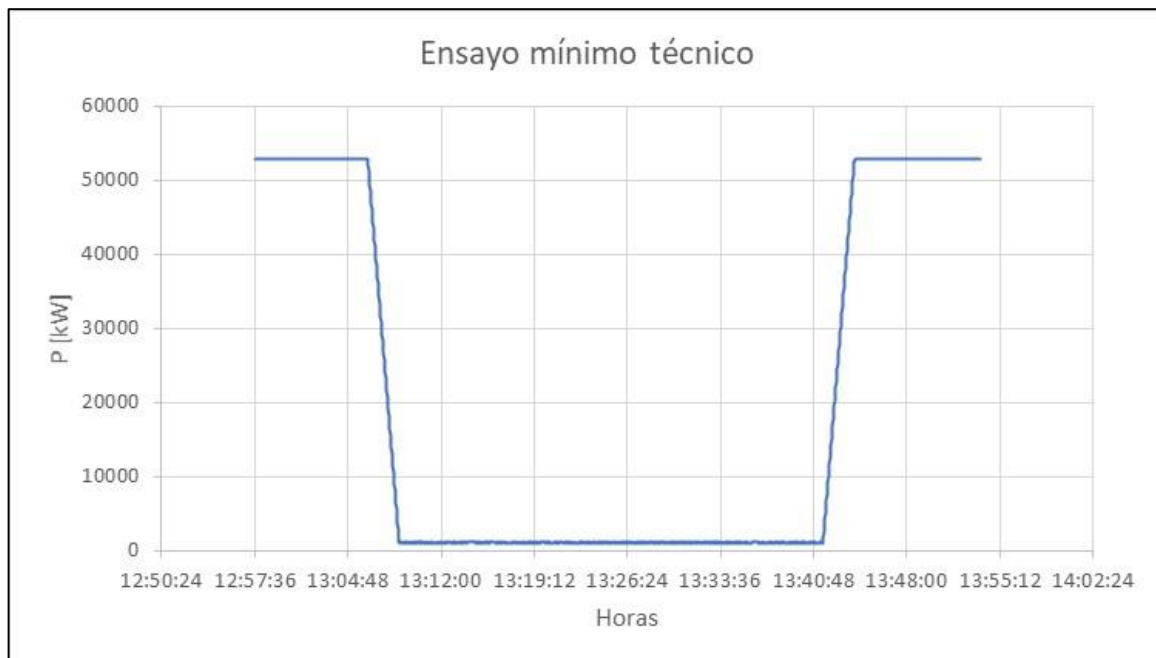


Figura 7-2 Registro de potencia activa ante ensayo de mínimo técnico.

A partir del resultado indicado en la Tabla 7-1, se verifica que ante una consigna de 0 MW los inversores son capaces de seguir operando de manera estable a aproximadamente un 1% de la potencia nominal.

Tabla 7-1: Promedio del registro.

PARÁMETRO	POTENCIA [MW]
Potencia inyectada en la barra de 220 kV del parque (P1)	1,052

Finalmente, con los resultados obtenidos del ensayo se puede determinar el mínimo técnico del parque considerando las pérdidas del sistema y el consumo de los servicios auxiliares, tal y como se especifica en la siguiente ecuación:

$$MinTec = P1 + P_{trafo} + P_{colector} + SSAA$$

Donde:

- P1** : Potencia Activa inyectada en la barra de alta tensión (AT) del parque [MW].
P_{trafo} : Pérdidas activas en el transformador de poder del parque [MW].
P_{colector} : Pérdidas activas en el sistema colector del parque [MW].
SSAA : Consumo asociado a los Servicios Auxiliares del parque [MW].

Las pérdidas del sistema colector de media tensión y del transformador de poder se obtienen mediante simulaciones en la base de datos del antecedente (b). Dicha simulación indica las pérdidas del sistema colector y del transformador de poder como “Grid Losses” (ver Anexo I). Para ello, se consideró una inyección de 19,699 kW por inversor para que el PF San Pedro inyecte 1,052 MW en la barra de 220 kV. Por lo tanto, se obtiene como resultado 0,310 MW de pérdidas en el sistema colector y el transformador principal del parque. Por otra parte, el consumo de los Servicios Auxiliares (SSAA) resulta en un valor de 15,665 kW, el cual corresponde al promedio de los registros tomados durante el ensayo de mínimo técnico señalados en la Figura 7-2.

Tabla 7-2 Promedio potencia activa SSAA.

REGISTRO DE CONSUMOS DE LOS SERVICIOS AUXILIARES	
REGISTRO	P [kW]
Registro 1 potencia activa SSAA	16,88
Registro 2 potencia activa SSAA	16,02
Registro 3 potencia activa SSAA	17,59
Registro 4 potencia activa SSAA	11,30
Registro 5 potencia activa SSAA	16,14
Registro 6 potencia activa SSAA	16,06
Registro promedio potencia activa SSAA	15,665
Nota: Las imágenes que contienen los registros de consumos de los SSAA se pueden encontrar en el Anexo II del presente documento.	

En virtud de lo señalado, el mínimo técnico del parque se determina de acuerdo con lo siguiente:

$$MinTec = 1,052 \text{ MW} + 0,310 \text{ MW} + 0,015665 \text{ MW} = 1,378 \text{ MW}$$

En consecuencia, considerando la metodología descrita en el presente informe, se calcula que el mínimo técnico del PF San Pedro es de 1,378 MW.

8. CONCLUSIONES

En el presente informe se obtuvo el parámetro de mínimo técnico para el PF San Pedro. Lo anterior según los datos obtenidos de las pruebas realizadas el día 05/12/2020. Para ello se realizó un cálculo de la media aritmética de los registros obtenidos entre las 13:08:47 - 13:41:30 (horas Chile) del registro “Mínimo técnico.xlsx”. Luego, al sumar las pérdidas del sistema colector y transformador principal, obtenidas a través de una simulación en el software PowerFactory y agregando el promedio de consumo de los servicios auxiliares se obtiene un valor de mínimo técnico de 1,378 MW.



ANEXOS

P19100 ESTUDIOS ELÉCTRICOS PF SAN PEDRO

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ANEXO I

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RESULTADOS COMPUTACIONALES EN POWERFACTORY

Load Flow Calculation				Grid Summary	
AC Load Flow, balanced, positive sequence				Automatic Model Adaptation for Convergence	
Automatic Tap Adjust of Transformers				Max. Acceptable Load Flow Error for	
Consider Reactive Power Limits				Nodes	
				Model Equations	
				1,00 kVA	
				0,01 %	
Grid: Grid				System Stage: Grid	
				Study Case: ESCENARIO BASE	
				Annex: / 1	
Grid: Grid				Summary	
No. of Substations	0	No. of Busbars	20	No. of Terminals	90
No. of 2-w Trfs.	4	No. of 3-w Trfs.	34	No. of syn. Machines	0
No. of Loads	1	No. of Shunts	0	No. of SVS	0
Generation	=	1,38 MW	0,27 Mvar	1,40 MVA	
External Infeed	=	-1,05 MW	-0,00 Mvar	1,05 MVA	
Inter Grid Flow	=	0,00 MW	0,00 Mvar		
Load P(U)	=	0,02 MW	-0,00 Mvar	0,02 MVA	
Load P(Un)	=	0,02 MW	0,00 Mvar	0,02 MVA	
Load P(Un-U)	=	-0,00 MW	0,00 Mvar		
Motor Load	=	0,00 MW	0,00 Mvar	0,00 MVA	
Grid Losses	=	0,31 MW	0,27 Mvar		
Line Charging	=		0,26 Mvar		
Compensation ind.	=		0,00 Mvar		
Compensation cap.	=		0,00 Mvar		
Installed Capacity	=	114,59 MW			
Spinning Reserve	=	0,00 MW			
Total Power Factor:					
Generation	=	0,98 [-]			
Load/Motor	=	1,00 / 0,00 [-]			

Figura 9-1 Pérdidas del sistema colector MT y transformador principal.

ANEXO II

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REGISTRO DE CONSUMO LOS SERVICIOS AUXILIARES



Figura 9-2 Registro 1 potencia activa SSAA.



Figura 9-3 Registro 2 potencia activa SSAA.



Figura 9-4 Registro 3 potencia activa SSAA.



Figura 9-5 Registro 4 potencia activa SSAA.



Figura 9-6 Registro 5 potencia activa SSAA.



Figura 9-7 Registro 6 potencia activa SSAA.

ANEXO III

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CURVA DE CAPACIDAD DEL INVERSOR

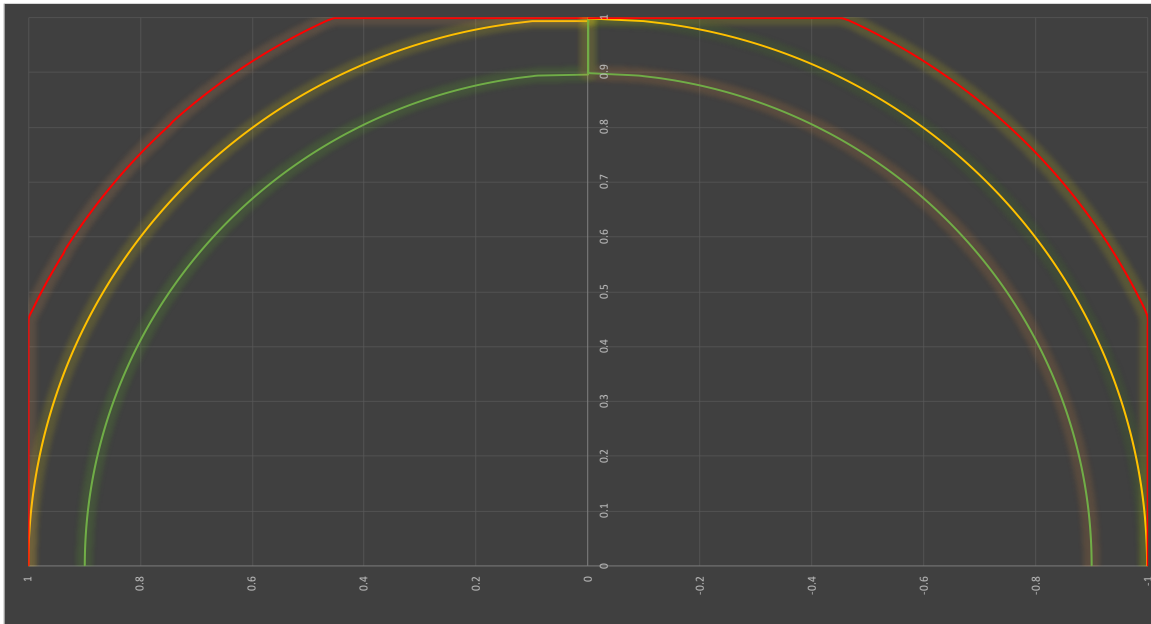


Figura 9-8 Curva de capacidad del inversor.

ANEXO IV

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REGISTRO DE MEDICIONES MÍNIMO TÉCNICO

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 12:57:37.727499	52914.64
05-12-2020 12:57:40.120952	52906.54
05-12-2020 12:57:42.514406	52918.1
05-12-2020 12:57:44.907860	52916.45
05-12-2020 12:57:47.301313	52911.64
05-12-2020 12:57:49.694767	52891.67
05-12-2020 12:57:52.088220	52892.8
05-12-2020 12:57:54.481674	52897.9
05-12-2020 12:57:56.875128	52884.28
05-12-2020 12:57:59.268581	52898.34
05-12-2020 12:58:01.662035	52890.36
05-12-2020 12:58:04.055489	52909.22
05-12-2020 12:58:06.448942	52911.4
05-12-2020 12:58:08.842396	52911.68
05-12-2020 12:58:11.235849	52906.77
05-12-2020 12:58:13.629303	52918.07
05-12-2020 12:58:16.022757	52915.23
05-12-2020 12:58:18.416210	52909.23
05-12-2020 12:58:20.809664	52900.68
05-12-2020 12:58:23.203118	52915.54
05-12-2020 12:58:25.596571	52916.2
05-12-2020 12:58:27.990025	52912.87
05-12-2020 12:58:30.383478	52912.36
05-12-2020 12:58:32.776932	52907.55
05-12-2020 12:58:35.170386	52906.9
05-12-2020 12:58:37.563839	52911.62
05-12-2020 12:58:39.957293	52917.24
05-12-2020 12:58:42.350746	52910.62
05-12-2020 12:58:44.744200	52914.75
05-12-2020 12:58:47.137654	52929.79
05-12-2020 12:58:49.531107	52925.88
05-12-2020 12:58:51.924561	52925.35
05-12-2020 12:58:54.318015	52910.41
05-12-2020 12:58:56.711468	52900.11
05-12-2020 12:58:59.104922	52907.95
05-12-2020 12:59:01.498375	52908.92
05-12-2020 12:59:03.891829	52904.85
05-12-2020 12:59:06.285283	52892.12
05-12-2020 12:59:08.678736	52907.8
05-12-2020 12:59:11.072190	52907.28
05-12-2020 12:59:13.465644	52922.63

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 12:59:15.859097	52917.23
05-12-2020 12:59:18.252551	52935.34
05-12-2020 12:59:20.646004	52934.31
05-12-2020 12:59:23.039458	52915.74
05-12-2020 12:59:25.432912	52911.74
05-12-2020 12:59:27.826365	52927.09
05-12-2020 12:59:30.219819	52935.57
05-12-2020 12:59:32.613273	52910.24
05-12-2020 12:59:35.006726	52918.23
05-12-2020 12:59:37.400180	52911.43
05-12-2020 12:59:39.793633	52923.19
05-12-2020 12:59:42.187087	52941.38
05-12-2020 12:59:44.580541	52919.48
05-12-2020 12:59:46.973994	52923.88
05-12-2020 12:59:49.367448	52925.77
05-12-2020 12:59:51.760902	52912.57
05-12-2020 12:59:54.154355	52952.06
05-12-2020 12:59:56.547809	52908.62
05-12-2020 12:59:58.941262	52921.51
05-12-2020 13:00:01.334716	52918.2
05-12-2020 13:00:03.728170	52929.58
05-12-2020 13:00:06.121623	52928.45
05-12-2020 13:00:08.515077	52926.34
05-12-2020 13:00:10.908530	52926.08
05-12-2020 13:00:13.301984	52929.47
05-12-2020 13:00:15.695438	52914.14
05-12-2020 13:00:18.088891	52939.26
05-12-2020 13:00:20.482345	52930.84
05-12-2020 13:00:22.875799	52933.26
05-12-2020 13:00:25.269252	52915.22
05-12-2020 13:00:27.662706	52927.83
05-12-2020 13:00:30.056159	52930.56
05-12-2020 13:00:32.449613	52914.61
05-12-2020 13:00:34.843067	52925
05-12-2020 13:00:37.236520	52940.66
05-12-2020 13:00:39.629974	52931.47
05-12-2020 13:00:42.023428	52929
05-12-2020 13:00:44.416881	52922.2
05-12-2020 13:00:46.810335	52917.45
05-12-2020 13:00:49.203788	52922.01
05-12-2020 13:00:51.597242	52925.8

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:00:53.990696	52913.57
05-12-2020 13:00:56.384149	52922.24
05-12-2020 13:00:58.777603	52926.28
05-12-2020 13:01:01.171057	52927.2
05-12-2020 13:01:03.564510	52935.26
05-12-2020 13:01:05.957964	52939.28
05-12-2020 13:01:08.351417	52960.04
05-12-2020 13:01:10.744871	52929.62
05-12-2020 13:01:13.138325	52934.85
05-12-2020 13:01:15.531778	52956.31
05-12-2020 13:01:17.925232	52924.9
05-12-2020 13:01:20.318686	52922.37
05-12-2020 13:01:22.712139	52928.51
05-12-2020 13:01:25.105593	52934.68
05-12-2020 13:01:27.499046	52927.35
05-12-2020 13:01:29.892500	52916.81
05-12-2020 13:01:32.285954	52898.99
05-12-2020 13:01:34.679407	52930.78
05-12-2020 13:01:37.072861	52939.37
05-12-2020 13:01:39.466314	52937.58
05-12-2020 13:01:41.859768	52917.28
05-12-2020 13:01:44.253222	52915.88
05-12-2020 13:01:46.646675	52922.29
05-12-2020 13:01:49.040129	52940.82
05-12-2020 13:01:51.433583	52922.74
05-12-2020 13:01:53.827036	52944.11
05-12-2020 13:01:56.220490	52923.93
05-12-2020 13:01:58.613943	52919.65
05-12-2020 13:02:01.007397	52910.47
05-12-2020 13:02:03.400851	52931.57
05-12-2020 13:02:05.794304	52917.95
05-12-2020 13:02:08.187758	52930.12
05-12-2020 13:02:10.581212	52940.34
05-12-2020 13:02:12.974665	52934.54
05-12-2020 13:02:15.368119	52942.4
05-12-2020 13:02:17.761572	52928.73
05-12-2020 13:02:20.155026	52933.15
05-12-2020 13:02:22.548480	52933.57
05-12-2020 13:02:24.941933	52939.69
05-12-2020 13:02:27.335387	52933.39
05-12-2020 13:02:29.728841	52928.62

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:02:32.122294	52932.26
05-12-2020 13:02:34.515748	52923.84
05-12-2020 13:02:36.909201	52946.12
05-12-2020 13:02:39.302655	52924.7
05-12-2020 13:02:41.696109	52924.98
05-12-2020 13:02:44.089562	52921.98
05-12-2020 13:02:46.483016	52920.85
05-12-2020 13:02:48.876470	52933.3
05-12-2020 13:02:51.269923	52929.34
05-12-2020 13:02:53.663377	52919.66
05-12-2020 13:02:56.056830	52934.42
05-12-2020 13:02:58.450284	52930.55
05-12-2020 13:03:00.843738	52931.78
05-12-2020 13:03:03.237191	52930.11
05-12-2020 13:03:05.630645	52930.4
05-12-2020 13:03:08.024099	52941.21
05-12-2020 13:03:10.417552	52934.81
05-12-2020 13:03:12.811006	52947.73
05-12-2020 13:03:15.204459	52939.53
05-12-2020 13:03:17.597913	52951.1
05-12-2020 13:03:19.991367	52929.23
05-12-2020 13:03:22.384820	52941.72
05-12-2020 13:03:24.778274	52925.82
05-12-2020 13:03:27.171727	52954.63
05-12-2020 13:03:29.565181	52930.88
05-12-2020 13:03:31.958635	52943.46
05-12-2020 13:03:34.352088	52946.48
05-12-2020 13:03:36.745542	52941.94
05-12-2020 13:03:39.138996	52936.09
05-12-2020 13:03:41.532449	52947.31
05-12-2020 13:03:43.925903	52929.99
05-12-2020 13:03:46.319356	52935.72
05-12-2020 13:03:48.712810	52938.39
05-12-2020 13:03:51.106264	52945.86
05-12-2020 13:03:53.499717	52937.6
05-12-2020 13:03:55.893171	52934.22
05-12-2020 13:03:58.286625	52938.58
05-12-2020 13:04:00.680078	52919.68
05-12-2020 13:04:03.073532	52951.82
05-12-2020 13:04:05.466985	52935.19
05-12-2020 13:04:07.860439	52916.74

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:04:10.253893	52927
05-12-2020 13:04:12.647346	52931.89
05-12-2020 13:04:15.040800	52937.06
05-12-2020 13:04:17.434254	52918.88
05-12-2020 13:04:19.827707	52945.91
05-12-2020 13:04:22.221161	52936.75
05-12-2020 13:04:24.614614	52939.25
05-12-2020 13:04:27.008068	52936.98
05-12-2020 13:04:29.401522	52939.34
05-12-2020 13:04:31.794975	52939.3
05-12-2020 13:04:34.188429	52910.53
05-12-2020 13:04:36.581883	52936.97
05-12-2020 13:04:38.975336	52920.83
05-12-2020 13:04:41.368790	52926.38
05-12-2020 13:04:43.762243	52942.16
05-12-2020 13:04:46.155697	52925.72
05-12-2020 13:04:48.549151	52932.51
05-12-2020 13:04:50.942604	52940.67
05-12-2020 13:04:53.336058	52938.29
05-12-2020 13:04:55.729511	52925.28
05-12-2020 13:04:58.122965	52919.94
05-12-2020 13:05:00.516419	52930.27
05-12-2020 13:05:02.909872	52926.78
05-12-2020 13:05:05.303326	52941.66
05-12-2020 13:05:07.696780	52936.18
05-12-2020 13:05:10.090233	52942.23
05-12-2020 13:05:12.483687	52929.53
05-12-2020 13:05:14.877140	52931.32
05-12-2020 13:05:17.270594	52930.51
05-12-2020 13:05:19.664048	52930.58
05-12-2020 13:05:22.057501	52924.93
05-12-2020 13:05:24.450955	52942.7
05-12-2020 13:05:26.844409	52928.35
05-12-2020 13:05:29.237862	52937.6
05-12-2020 13:05:31.631316	52930.05
05-12-2020 13:05:34.024769	52940.55
05-12-2020 13:05:36.418223	52945.17
05-12-2020 13:05:38.811677	52941.82
05-12-2020 13:05:41.205130	52931.02
05-12-2020 13:05:43.598584	52946.78
05-12-2020 13:05:45.992038	52924.89

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:05:48.385491	52923.07
05-12-2020 13:05:50.778945	52927.38
05-12-2020 13:05:53.172398	52922.78
05-12-2020 13:05:55.565852	52937.16
05-12-2020 13:05:57.959306	52925.67
05-12-2020 13:06:00.352759	52920.18
05-12-2020 13:06:02.746213	52936.72
05-12-2020 13:06:05.139667	52939.14
05-12-2020 13:06:07.533120	52920.11
05-12-2020 13:06:09.926574	52931.55
05-12-2020 13:06:12.320027	52927.04
05-12-2020 13:06:14.713481	52921.34
05-12-2020 13:06:17.106935	52925.64
05-12-2020 13:06:19.500388	52731.09
05-12-2020 13:06:21.893842	51945.41
05-12-2020 13:06:24.287295	51103.24
05-12-2020 13:06:26.680749	50257.54
05-12-2020 13:06:29.074203	49426.83
05-12-2020 13:06:31.467656	48584.71
05-12-2020 13:06:33.861110	47715.22
05-12-2020 13:06:36.254564	46882.39
05-12-2020 13:06:38.648017	46042.57
05-12-2020 13:06:41.041471	45176
05-12-2020 13:06:43.434924	44341.13
05-12-2020 13:06:45.828378	43486.19
05-12-2020 13:06:48.221832	42634.44
05-12-2020 13:06:50.615285	41820.67
05-12-2020 13:06:53.008739	40951.68
05-12-2020 13:06:55.402193	40124.16
05-12-2020 13:06:57.795646	39264.49
05-12-2020 13:07:00.189100	38417.83
05-12-2020 13:07:02.582553	37560.5
05-12-2020 13:07:04.976007	36740.7
05-12-2020 13:07:07.369461	35896.49
05-12-2020 13:07:09.762914	35052.84
05-12-2020 13:07:12.156368	34223.15
05-12-2020 13:07:14.549822	33352.61
05-12-2020 13:07:16.943275	32506.59
05-12-2020 13:07:19.336729	31657.28
05-12-2020 13:07:21.730182	30830.72
05-12-2020 13:07:24.123636	29956.94

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:07:26.517090	29116.93
05-12-2020 13:07:28.910543	28275.29
05-12-2020 13:07:31.303997	27458.75
05-12-2020 13:07:33.697451	26577.22
05-12-2020 13:07:36.090904	25743.9
05-12-2020 13:07:38.484358	24889.43
05-12-2020 13:07:40.877811	24045.55
05-12-2020 13:07:43.271265	23203.29
05-12-2020 13:07:45.664719	22362.38
05-12-2020 13:07:48.058172	21508.01
05-12-2020 13:07:50.451626	20673.74
05-12-2020 13:07:52.845079	19815.94
05-12-2020 13:07:55.238533	18995.48
05-12-2020 13:07:57.631987	18124.09
05-12-2020 13:08:00.025440	17291.96
05-12-2020 13:08:02.418894	16456.24
05-12-2020 13:08:04.812348	15588.14
05-12-2020 13:08:07.205801	14773.76
05-12-2020 13:08:09.599255	13886.08
05-12-2020 13:08:11.992708	13069.7
05-12-2020 13:08:14.386162	12206.25
05-12-2020 13:08:16.779616	11379.04
05-12-2020 13:08:19.173069	10542.68
05-12-2020 13:08:21.566523	9677.524
05-12-2020 13:08:23.959977	8824.739
05-12-2020 13:08:26.353430	8011.812
05-12-2020 13:08:28.746884	7139.132
05-12-2020 13:08:31.140337	6311.882
05-12-2020 13:08:33.533791	5439.351
05-12-2020 13:08:35.927245	4619.283
05-12-2020 13:08:38.320698	3758.179
05-12-2020 13:08:40.714152	2911.727
05-12-2020 13:08:43.107606	2092.723
05-12-2020 13:08:45.501059	1238.416
05-12-2020 13:08:47.894513	1025.627
05-12-2020 13:08:50.287966	1070.343
05-12-2020 13:08:52.681420	1087.42
05-12-2020 13:08:55.074874	1086.4
05-12-2020 13:08:57.468327	1079.874
05-12-2020 13:08:59.861781	1093.14
05-12-2020 13:09:02.255235	1028.507

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:09:04.648688	1049.439
05-12-2020 13:09:07.042142	1031.767
05-12-2020 13:09:09.435595	1043.943
05-12-2020 13:09:11.829049	1069.399
05-12-2020 13:09:14.222503	1102.33
05-12-2020 13:09:16.615956	1095.066
05-12-2020 13:09:19.009410	985.761
05-12-2020 13:09:21.402863	1025.138
05-12-2020 13:09:23.796317	1019.641
05-12-2020 13:09:26.189771	1077.592
05-12-2020 13:09:28.583224	1089.542
05-12-2020 13:09:30.976678	976.939
05-12-2020 13:09:33.370132	951.98
05-12-2020 13:09:35.763585	987.711
05-12-2020 13:09:38.157039	1034.565
05-12-2020 13:09:40.550492	1070.314
05-12-2020 13:09:42.943946	1044.179
05-12-2020 13:09:45.337400	1075.421
05-12-2020 13:09:47.730853	1104.161
05-12-2020 13:09:50.124307	1085.362
05-12-2020 13:09:52.517761	1035.824
05-12-2020 13:09:54.911214	1104.496
05-12-2020 13:09:57.304668	1154.971
05-12-2020 13:09:59.698121	1121.64
05-12-2020 13:10:02.091575	1015.633
05-12-2020 13:10:04.485029	902.026
05-12-2020 13:10:06.878482	947.817
05-12-2020 13:10:09.271936	1004.228
05-12-2020 13:10:11.665390	1057.134
05-12-2020 13:10:14.058843	1093.6
05-12-2020 13:10:16.452297	1123.762
05-12-2020 13:10:18.845750	1112.876
05-12-2020 13:10:21.239204	1067.396
05-12-2020 13:10:23.632658	1046.469
05-12-2020 13:10:26.026111	1063.432
05-12-2020 13:10:28.419565	1076.42
05-12-2020 13:10:30.813019	1049.559
05-12-2020 13:10:33.206472	1122.161
05-12-2020 13:10:35.599926	1072.597
05-12-2020 13:10:37.993379	1077.496
05-12-2020 13:10:40.386833	1061.386

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:10:42.780287	965.589
05-12-2020 13:10:45.173740	1004.418
05-12-2020 13:10:47.567194	1049.388
05-12-2020 13:10:49.960647	1088.344
05-12-2020 13:10:52.354101	1060.562
05-12-2020 13:10:54.747555	1049.356
05-12-2020 13:10:57.141008	1082.34
05-12-2020 13:10:59.534462	1035.673
05-12-2020 13:11:01.927916	1074.02
05-12-2020 13:11:04.321369	1008.863
05-12-2020 13:11:06.714823	1006.733
05-12-2020 13:11:09.108276	1047.011
05-12-2020 13:11:11.501730	1050.645
05-12-2020 13:11:13.895184	1064.92
05-12-2020 13:11:16.288637	1058.499
05-12-2020 13:11:18.682091	1115.538
05-12-2020 13:11:21.075545	1047.58
05-12-2020 13:11:23.468998	959.232
05-12-2020 13:11:25.862452	980.744
05-12-2020 13:11:28.255905	1016.77
05-12-2020 13:11:30.649359	1017.264
05-12-2020 13:11:33.042813	1020.059
05-12-2020 13:11:35.436266	1028.9
05-12-2020 13:11:37.829720	1036.138
05-12-2020 13:11:40.223174	1070.741
05-12-2020 13:11:42.616627	1022.421
05-12-2020 13:11:45.010081	1034.473
05-12-2020 13:11:47.403534	1031.667
05-12-2020 13:11:49.796988	999.881
05-12-2020 13:11:52.190442	992.176
05-12-2020 13:11:54.583895	1029.617
05-12-2020 13:11:56.977349	1092.243
05-12-2020 13:11:59.370803	1121.018
05-12-2020 13:12:01.764256	1112.954
05-12-2020 13:12:04.157710	1095.805
05-12-2020 13:12:06.551163	923.158
05-12-2020 13:12:08.944617	941.082
05-12-2020 13:12:11.338071	1008.207
05-12-2020 13:12:13.731524	1050.735
05-12-2020 13:12:16.124978	1035.043
05-12-2020 13:12:18.518432	1063.254

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:12:20.911885	1089.138
05-12-2020 13:12:23.305339	1095.359
05-12-2020 13:12:25.698792	1088.182
05-12-2020 13:12:28.092246	1020.977
05-12-2020 13:12:30.485700	1064.919
05-12-2020 13:12:32.879153	1086.305
05-12-2020 13:12:35.272607	1099.571
05-12-2020 13:12:37.666060	1073.812
05-12-2020 13:12:40.059514	1081.777
05-12-2020 13:12:42.452968	1103.85
05-12-2020 13:12:44.846421	1025.479
05-12-2020 13:12:47.239875	1030.574
05-12-2020 13:12:49.633329	1029.59
05-12-2020 13:12:52.026782	1025.816
05-12-2020 13:12:54.420236	1059.8
05-12-2020 13:12:56.813689	1084.824
05-12-2020 13:12:59.207143	1026.533
05-12-2020 13:13:01.600597	1073.151
05-12-2020 13:13:03.994050	1118.328
05-12-2020 13:13:06.387504	1033.776
05-12-2020 13:13:08.780958	970.186
05-12-2020 13:13:11.174411	1004.097
05-12-2020 13:13:13.567865	1037.387
05-12-2020 13:13:15.961318	1042.484
05-12-2020 13:13:18.354772	1061.959
05-12-2020 13:13:20.748226	1091.274
05-12-2020 13:13:23.141679	1102.544
05-12-2020 13:13:25.535133	1020.374
05-12-2020 13:13:27.928587	1020.479
05-12-2020 13:13:30.322040	1058.248
05-12-2020 13:13:32.715494	1120.85
05-12-2020 13:13:35.108947	1143.565
05-12-2020 13:13:37.502401	943.138
05-12-2020 13:13:39.895855	973.598
05-12-2020 13:13:42.289308	1025.436
05-12-2020 13:13:44.682762	1093.169
05-12-2020 13:13:47.076216	1083.472
05-12-2020 13:13:49.469669	1070.098
05-12-2020 13:13:51.863123	1088.481
05-12-2020 13:13:54.256576	1057.285
05-12-2020 13:13:56.650030	1061.894

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:13:59.043484	1035.449
05-12-2020 13:14:01.436937	1069.649
05-12-2020 13:14:03.830391	1115.867
05-12-2020 13:14:06.223844	1120.026
05-12-2020 13:14:08.617298	1065.298
05-12-2020 13:14:11.010752	1068.575
05-12-2020 13:14:13.404205	1106.056
05-12-2020 13:14:15.797659	1052.984
05-12-2020 13:14:18.191113	1055.729
05-12-2020 13:14:20.584566	1067.749
05-12-2020 13:14:22.978020	1079.03
05-12-2020 13:14:25.371473	1095.778
05-12-2020 13:14:27.764927	1119.819
05-12-2020 13:14:30.158381	1110.401
05-12-2020 13:14:32.551834	1116.033
05-12-2020 13:14:34.945288	1057.847
05-12-2020 13:14:37.338742	1054.687
05-12-2020 13:14:39.732195	1104.038
05-12-2020 13:14:42.125649	1033.102
05-12-2020 13:14:44.519102	1066.83
05-12-2020 13:14:46.912556	1042.578
05-12-2020 13:14:49.306010	1050.365
05-12-2020 13:14:51.699463	1037.098
05-12-2020 13:14:54.092917	1054.134
05-12-2020 13:14:56.486371	1100.185
05-12-2020 13:14:58.879824	1138.492
05-12-2020 13:15:01.273278	1121.777
05-12-2020 13:15:03.666731	952.194
05-12-2020 13:15:06.060185	971.39
05-12-2020 13:15:08.453639	996.604
05-12-2020 13:15:10.847092	1045.668
05-12-2020 13:15:13.240546	1093.319
05-12-2020 13:15:15.634000	1134.153
05-12-2020 13:15:18.027453	1106.278
05-12-2020 13:15:20.420907	986.047
05-12-2020 13:15:22.814360	1011.404
05-12-2020 13:15:25.207814	1065.427
05-12-2020 13:15:27.601268	1110.762
05-12-2020 13:15:29.994721	1157.854
05-12-2020 13:15:32.388175	1100.639
05-12-2020 13:15:34.781628	1087.72

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:15:37.175082	1029.611
05-12-2020 13:15:39.568536	1029.799
05-12-2020 13:15:41.961989	1046.606
05-12-2020 13:15:44.355443	1086.203
05-12-2020 13:15:46.748897	1140.204
05-12-2020 13:15:49.142350	1099.9
05-12-2020 13:15:51.535804	1056.06
05-12-2020 13:15:53.929257	1076.498
05-12-2020 13:15:56.322711	1085.65
05-12-2020 13:15:58.716165	1105.022
05-12-2020 13:16:01.109618	1089.242
05-12-2020 13:16:03.503072	1088.073
05-12-2020 13:16:05.896526	1135.286
05-12-2020 13:16:08.289979	1161.29
05-12-2020 13:16:10.683433	1027.635
05-12-2020 13:16:13.076886	998.448
05-12-2020 13:16:15.470340	1006.793
05-12-2020 13:16:17.863794	1041.52
05-12-2020 13:16:20.257247	1050.27
05-12-2020 13:16:22.650701	1066.729
05-12-2020 13:16:25.044155	1062.194
05-12-2020 13:16:27.437608	966.302
05-12-2020 13:16:29.831062	1042.992
05-12-2020 13:16:32.224515	1092.432
05-12-2020 13:16:34.617969	1126.068
05-12-2020 13:16:37.011423	1045.37
05-12-2020 13:16:39.404876	988.025
05-12-2020 13:16:41.798330	990.091
05-12-2020 13:16:44.191784	1057.13
05-12-2020 13:16:46.585237	1092.2
05-12-2020 13:16:48.978691	1131.999
05-12-2020 13:16:51.372144	1122.574
05-12-2020 13:16:53.765598	924.27
05-12-2020 13:16:56.159052	945.259
05-12-2020 13:16:58.552505	975.894
05-12-2020 13:17:00.945959	1004.307
05-12-2020 13:17:03.339412	1067.668
05-12-2020 13:17:05.732866	1132.527
05-12-2020 13:17:08.126320	1044.903
05-12-2020 13:17:10.519773	962.63
05-12-2020 13:17:12.913227	946.66

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:17:15.306681	971.614
05-12-2020 13:17:17.700134	989.929
05-12-2020 13:17:20.093588	1023.392
05-12-2020 13:17:22.487041	1036.309
05-12-2020 13:17:24.880495	1085.953
05-12-2020 13:17:27.273949	1104.105
05-12-2020 13:17:29.667402	1046.88
05-12-2020 13:17:32.060856	1063.103
05-12-2020 13:17:34.454310	1103.149
05-12-2020 13:17:36.847763	1075.98
05-12-2020 13:17:39.241217	1077.988
05-12-2020 13:17:41.634670	1098.158
05-12-2020 13:17:44.028124	981.751
05-12-2020 13:17:46.421578	1055.703
05-12-2020 13:17:48.815031	1032.571
05-12-2020 13:17:51.208485	1080.24
05-12-2020 13:17:53.601939	1080.865
05-12-2020 13:17:55.995392	1056.704
05-12-2020 13:17:58.388846	1012.479
05-12-2020 13:18:00.782299	1039.068
05-12-2020 13:18:03.175753	1037.57
05-12-2020 13:18:05.569207	1028.811
05-12-2020 13:18:07.962660	1059.077
05-12-2020 13:18:10.356114	1030.734
05-12-2020 13:18:12.749568	987.471
05-12-2020 13:18:15.143021	1000.963
05-12-2020 13:18:17.536475	975.436
05-12-2020 13:18:19.929928	998.395
05-12-2020 13:18:22.323382	1053.472
05-12-2020 13:18:24.716836	1109.32
05-12-2020 13:18:27.110289	1167.125
05-12-2020 13:18:29.503743	1007.696
05-12-2020 13:18:31.897196	898.775
05-12-2020 13:18:34.290650	985.903
05-12-2020 13:18:36.684104	1025.44
05-12-2020 13:18:39.077557	1023.437
05-12-2020 13:18:41.471011	1042.799
05-12-2020 13:18:43.864465	1061.79
05-12-2020 13:18:46.257918	1091.094
05-12-2020 13:18:48.651372	1077.361
05-12-2020 13:18:51.044825	977.189

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:18:53.438279	964.461
05-12-2020 13:18:55.831733	1029.023
05-12-2020 13:18:58.225186	1047.923
05-12-2020 13:19:00.618640	1058.505
05-12-2020 13:19:03.012094	1081.553
05-12-2020 13:19:05.405547	1034.854
05-12-2020 13:19:07.799001	1039.989
05-12-2020 13:19:10.192454	1034.085
05-12-2020 13:19:12.585908	1069.761
05-12-2020 13:19:14.979362	999.414
05-12-2020 13:19:17.372815	1034.781
05-12-2020 13:19:19.766269	1103.99
05-12-2020 13:19:22.159723	1087.609
05-12-2020 13:19:24.553176	1105.048
05-12-2020 13:19:26.946630	999.005
05-12-2020 13:19:29.340083	1015.476
05-12-2020 13:19:31.733537	997.931
05-12-2020 13:19:34.126991	977.543
05-12-2020 13:19:36.520444	984.98
05-12-2020 13:19:38.913898	1016.071
05-12-2020 13:19:41.307352	1042.59
05-12-2020 13:19:43.700805	1088.044
05-12-2020 13:19:46.094259	1082.277
05-12-2020 13:19:48.487712	1113.828
05-12-2020 13:19:50.881166	1059.772
05-12-2020 13:19:53.274620	1110.847
05-12-2020 13:19:55.668073	1094.488
05-12-2020 13:19:58.061527	1060.673
05-12-2020 13:20:00.454981	1084.222
05-12-2020 13:20:02.848434	969.839
05-12-2020 13:20:05.241888	999.434
05-12-2020 13:20:07.635341	1087.574
05-12-2020 13:20:10.028795	1141.759
05-12-2020 13:20:12.422249	1067.262
05-12-2020 13:20:14.815702	1060.628
05-12-2020 13:20:17.209156	1023.95
05-12-2020 13:20:19.602609	1059.383
05-12-2020 13:20:21.996063	1115.355
05-12-2020 13:20:24.389517	1102.124
05-12-2020 13:20:26.782970	990.531
05-12-2020 13:20:29.176424	1026.413

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:20:31.569878	1033.984
05-12-2020 13:20:33.963331	1030.64
05-12-2020 13:20:36.356785	1009.89
05-12-2020 13:20:38.750238	1024.294
05-12-2020 13:20:41.143692	1027.116
05-12-2020 13:20:43.537146	1062.158
05-12-2020 13:20:45.930599	1090.853
05-12-2020 13:20:48.324053	1093.615
05-12-2020 13:20:50.717507	1054.096
05-12-2020 13:20:53.110960	988.128
05-12-2020 13:20:55.504414	1029.687
05-12-2020 13:20:57.897867	1060.063
05-12-2020 13:21:00.291321	1049.266
05-12-2020 13:21:02.684775	1087.948
05-12-2020 13:21:05.078228	1128.786
05-12-2020 13:21:07.471682	1028.158
05-12-2020 13:21:09.865136	1037.493
05-12-2020 13:21:12.258589	1069.516
05-12-2020 13:21:14.652043	1085.709
05-12-2020 13:21:17.045496	1076.28
05-12-2020 13:21:19.438950	1092.39
05-12-2020 13:21:21.832404	1096.286
05-12-2020 13:21:24.225857	1097.021
05-12-2020 13:21:26.619311	1011.215
05-12-2020 13:21:29.012765	976.937
05-12-2020 13:21:31.406218	1007.671
05-12-2020 13:21:33.799672	1025.354
05-12-2020 13:21:36.193125	1059.66
05-12-2020 13:21:38.586579	1110.285
05-12-2020 13:21:40.980033	1143.628
05-12-2020 13:21:43.373486	1079.169
05-12-2020 13:21:45.766940	1087.287
05-12-2020 13:21:48.160393	993.344
05-12-2020 13:21:50.553847	1012.845
05-12-2020 13:21:52.947301	1067.349
05-12-2020 13:21:55.340754	1135.292
05-12-2020 13:21:57.734208	1143.065
05-12-2020 13:22:00.127662	908.547
05-12-2020 13:22:02.521115	1002.168
05-12-2020 13:22:04.914569	1045.286
05-12-2020 13:22:07.308022	1067.08

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:22:09.701476	1034.369
05-12-2020 13:22:12.094930	1025.077
05-12-2020 13:22:14.488383	1024.787
05-12-2020 13:22:16.881837	996.037
05-12-2020 13:22:19.275291	1051.855
05-12-2020 13:22:21.668744	1109.241
05-12-2020 13:22:24.062198	989.991
05-12-2020 13:22:26.455651	1003.584
05-12-2020 13:22:28.849105	1019.313
05-12-2020 13:22:31.242559	961.322
05-12-2020 13:22:33.636012	976.518
05-12-2020 13:22:36.029466	1008.804
05-12-2020 13:22:38.422920	1043.246
05-12-2020 13:22:40.816373	1075.158
05-12-2020 13:22:43.209827	1105.817
05-12-2020 13:22:45.603280	1074.072
05-12-2020 13:22:47.996734	1091.289
05-12-2020 13:22:50.390188	1079.661
05-12-2020 13:22:52.783641	955.086
05-12-2020 13:22:55.177095	1011.136
05-12-2020 13:22:57.570549	1068.343
05-12-2020 13:22:59.964002	1092.054
05-12-2020 13:23:02.357456	1058.27
05-12-2020 13:23:04.750909	1056.073
05-12-2020 13:23:07.144363	1006.948
05-12-2020 13:23:09.537817	1012.166
05-12-2020 13:23:11.931270	1001.489
05-12-2020 13:23:14.324724	1049.631
05-12-2020 13:23:16.718177	1104.427
05-12-2020 13:23:19.111631	1094.86
05-12-2020 13:23:21.505085	1069.358
05-12-2020 13:23:23.898538	1067.981
05-12-2020 13:23:26.291992	1000.386
05-12-2020 13:23:28.685446	1023.859
05-12-2020 13:23:31.078899	1116.779
05-12-2020 13:23:33.472353	1116.247
05-12-2020 13:23:35.865806	927.256
05-12-2020 13:23:38.259260	967.329
05-12-2020 13:23:40.652714	1020.245
05-12-2020 13:23:43.046167	1054.442
05-12-2020 13:23:45.439621	1081.633

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:23:47.833075	1110.034
05-12-2020 13:23:50.226528	1075.878
05-12-2020 13:23:52.619982	1094.091
05-12-2020 13:23:55.013435	1034.622
05-12-2020 13:23:57.406889	1038.992
05-12-2020 13:23:59.800343	1016.329
05-12-2020 13:24:02.193796	1004.086
05-12-2020 13:24:04.587250	1044.684
05-12-2020 13:24:06.980704	1120.322
05-12-2020 13:24:09.374157	1157.921
05-12-2020 13:24:11.767611	1051.014
05-12-2020 13:24:14.161064	972.888
05-12-2020 13:24:16.554518	1042.318
05-12-2020 13:24:18.947972	1067.837
05-12-2020 13:24:21.341425	1105.279
05-12-2020 13:24:23.734879	1059.504
05-12-2020 13:24:26.128333	994.049
05-12-2020 13:24:28.521786	1004.126
05-12-2020 13:24:30.915240	1011.983
05-12-2020 13:24:33.308693	1017.461
05-12-2020 13:24:35.702147	1063.962
05-12-2020 13:24:38.095601	1122.487
05-12-2020 13:24:40.489054	1144.634
05-12-2020 13:24:42.882508	1056.095
05-12-2020 13:24:45.275961	1037.097
05-12-2020 13:24:47.669415	1079.263
05-12-2020 13:24:50.062869	1091.013
05-12-2020 13:24:52.456322	1150.885
05-12-2020 13:24:54.849776	1087.998
05-12-2020 13:24:57.243230	1044.795
05-12-2020 13:24:59.636683	1081.83
05-12-2020 13:25:02.030137	1008.723
05-12-2020 13:25:04.423590	903.222
05-12-2020 13:25:06.817044	947.974
05-12-2020 13:25:09.210498	988.13
05-12-2020 13:25:11.603951	1048.26
05-12-2020 13:25:13.997405	1087.837
05-12-2020 13:25:16.390859	1113.686
05-12-2020 13:25:18.784312	1114.988
05-12-2020 13:25:21.177766	1060.581
05-12-2020 13:25:23.571219	1052.938

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:25:25.964673	1031.169
05-12-2020 13:25:28.358127	1095.693
05-12-2020 13:25:30.751580	1135.279
05-12-2020 13:25:33.145034	1070.998
05-12-2020 13:25:35.538488	1024.72
05-12-2020 13:25:37.931941	977.342
05-12-2020 13:25:40.325395	1005.802
05-12-2020 13:25:42.718848	1055.612
05-12-2020 13:25:45.112302	1032.142
05-12-2020 13:25:47.505756	1044.266
05-12-2020 13:25:49.899209	1068.349
05-12-2020 13:25:52.292663	1092.325
05-12-2020 13:25:54.686117	1062.076
05-12-2020 13:25:57.079570	1009.802
05-12-2020 13:25:59.473024	1087.901
05-12-2020 13:26:01.866477	1159.731
05-12-2020 13:26:04.259931	1054.505
05-12-2020 13:26:06.653385	953.3
05-12-2020 13:26:09.046838	1006.455
05-12-2020 13:26:11.440292	1046.499
05-12-2020 13:26:13.833745	1083.267
05-12-2020 13:26:16.227199	1129.372
05-12-2020 13:26:18.620653	1056.868
05-12-2020 13:26:21.014106	967.633
05-12-2020 13:26:23.407560	999.359
05-12-2020 13:26:25.801014	1024.272
05-12-2020 13:26:28.194467	1054.409
05-12-2020 13:26:30.587921	1076.767
05-12-2020 13:26:32.981374	1089.181
05-12-2020 13:26:35.374828	1076.646
05-12-2020 13:26:37.768282	1071.654
05-12-2020 13:26:40.161735	980.975
05-12-2020 13:26:42.555189	1013.71
05-12-2020 13:26:44.948643	1037.187
05-12-2020 13:26:47.342096	1059.663
05-12-2020 13:26:49.735550	1091.972
05-12-2020 13:26:52.129003	1106.505
05-12-2020 13:26:54.522457	1048.315
05-12-2020 13:26:56.915911	1042.719
05-12-2020 13:26:59.309364	1049.909
05-12-2020 13:27:01.702818	1076.92

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:27:04.096272	1068.041
05-12-2020 13:27:06.489725	1040.562
05-12-2020 13:27:08.883179	1047.191
05-12-2020 13:27:11.276632	1089.107
05-12-2020 13:27:13.670086	1119.988
05-12-2020 13:27:16.063540	1139.348
05-12-2020 13:27:18.456993	1115.574
05-12-2020 13:27:20.850447	1003.681
05-12-2020 13:27:23.243901	1039.412
05-12-2020 13:27:25.637354	1120.822
05-12-2020 13:27:28.030808	1080.92
05-12-2020 13:27:30.424261	1132.612
05-12-2020 13:27:32.817715	1061.563
05-12-2020 13:27:35.211169	1040.648
05-12-2020 13:27:37.604622	1087.19
05-12-2020 13:27:39.998076	1038.073
05-12-2020 13:27:42.391529	1083.242
05-12-2020 13:27:44.784983	1052.318
05-12-2020 13:27:47.178437	987.37
05-12-2020 13:27:49.571890	1017.868
05-12-2020 13:27:51.965344	985.329
05-12-2020 13:27:54.358798	999.673
05-12-2020 13:27:56.752251	1042.12
05-12-2020 13:27:59.145705	1082.214
05-12-2020 13:28:01.539158	1106.602
05-12-2020 13:28:03.932612	1130.76
05-12-2020 13:28:06.326066	1105.646
05-12-2020 13:28:08.719519	1010.419
05-12-2020 13:28:11.112973	1007.403
05-12-2020 13:28:13.506427	1057.599
05-12-2020 13:28:15.899880	1103.28
05-12-2020 13:28:18.293334	1055.072
05-12-2020 13:28:20.686787	1103.52
05-12-2020 13:28:23.080241	986.841
05-12-2020 13:28:25.473695	980.771
05-12-2020 13:28:27.867148	997.918
05-12-2020 13:28:30.260602	1030.575
05-12-2020 13:28:32.654056	1061.112
05-12-2020 13:28:35.047509	1022.055
05-12-2020 13:28:37.440963	1072.821
05-12-2020 13:28:39.834416	1091.572

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:28:42.227870	1067.681
05-12-2020 13:28:44.621324	1039.483
05-12-2020 13:28:47.014777	1006.569
05-12-2020 13:28:49.408231	997.219
05-12-2020 13:28:51.801685	1041.117
05-12-2020 13:28:54.195138	1053.223
05-12-2020 13:28:56.588592	1052.244
05-12-2020 13:28:58.982045	1057.382
05-12-2020 13:29:01.375499	1081.382
05-12-2020 13:29:03.768953	1098.732
05-12-2020 13:29:06.162406	1135.429
05-12-2020 13:29:08.555860	1136.21
05-12-2020 13:29:10.949314	1067.399
05-12-2020 13:29:13.342767	1021.06
05-12-2020 13:29:15.736221	998.776
05-12-2020 13:29:18.129674	1038.261
05-12-2020 13:29:20.523128	1092.183
05-12-2020 13:29:22.916582	1039.088
05-12-2020 13:29:25.310035	1058.31
05-12-2020 13:29:27.703489	1094.08
05-12-2020 13:29:30.096942	1073.122
05-12-2020 13:29:32.490396	972.06
05-12-2020 13:29:34.883850	984.671
05-12-2020 13:29:37.277303	1003.582
05-12-2020 13:29:39.670757	1033.382
05-12-2020 13:29:42.064211	1061.862
05-12-2020 13:29:44.457664	1085.032
05-12-2020 13:29:46.851118	1071.615
05-12-2020 13:29:49.244571	1019.122
05-12-2020 13:29:51.638025	1040.357
05-12-2020 13:29:54.031479	1038.147
05-12-2020 13:29:56.424932	1057.898
05-12-2020 13:29:58.818386	1109.833
05-12-2020 13:30:01.211840	1115.838
05-12-2020 13:30:03.605293	982.792
05-12-2020 13:30:05.998747	1051.065
05-12-2020 13:30:08.392200	1127.722
05-12-2020 13:30:10.785654	1011.331
05-12-2020 13:30:13.179108	987.902
05-12-2020 13:30:15.572561	1026.84
05-12-2020 13:30:17.966015	1050.176

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:30:20.359469	1056.846
05-12-2020 13:30:22.752922	1070.996
05-12-2020 13:30:25.146376	1113.45
05-12-2020 13:30:27.539829	1052.517
05-12-2020 13:30:29.933283	1017.07
05-12-2020 13:30:32.326737	1068.252
05-12-2020 13:30:34.720190	1104.524
05-12-2020 13:30:37.113644	1068.218
05-12-2020 13:30:39.507098	1018.665
05-12-2020 13:30:41.900551	1004.44
05-12-2020 13:30:44.294005	1011.957
05-12-2020 13:30:46.687458	1050.884
05-12-2020 13:30:49.080912	1124.464
05-12-2020 13:30:51.474366	1059.818
05-12-2020 13:30:53.867819	1014.123
05-12-2020 13:30:56.261273	1038.503
05-12-2020 13:30:58.654726	1090.033
05-12-2020 13:31:01.048180	1092.427
05-12-2020 13:31:03.441634	1010.66
05-12-2020 13:31:05.835087	1009.33
05-12-2020 13:31:08.228541	1057.305
05-12-2020 13:31:10.621995	1078.395
05-12-2020 13:31:13.015448	1053.631
05-12-2020 13:31:15.408902	1029.512
05-12-2020 13:31:17.802355	1032.915
05-12-2020 13:31:20.195809	1047.379
05-12-2020 13:31:22.589263	1055.004
05-12-2020 13:31:24.982716	1033.329
05-12-2020 13:31:27.376170	1029.209
05-12-2020 13:31:29.769624	1054.244
05-12-2020 13:31:32.163077	1013.465
05-12-2020 13:31:34.556531	1055.394
05-12-2020 13:31:36.949984	1069.879
05-12-2020 13:31:39.343438	1108.768
05-12-2020 13:31:41.736892	1100.886
05-12-2020 13:31:44.130345	1038.597
05-12-2020 13:31:46.523799	1035.362
05-12-2020 13:31:48.917253	1084.165
05-12-2020 13:31:51.310706	1072.51
05-12-2020 13:31:53.704160	1009.447
05-12-2020 13:31:56.097613	1058.618

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:31:58.491067	1069.531
05-12-2020 13:32:00.884521	1069.848
05-12-2020 13:32:03.277974	945.119
05-12-2020 13:32:05.671428	959.474
05-12-2020 13:32:08.064882	1005.166
05-12-2020 13:32:10.458335	1068.385
05-12-2020 13:32:12.851789	1065.089
05-12-2020 13:32:15.245242	1062.075
05-12-2020 13:32:17.638696	1048.936
05-12-2020 13:32:20.032150	1028.988
05-12-2020 13:32:22.425603	1066.736
05-12-2020 13:32:24.819057	1083.693
05-12-2020 13:32:27.212510	1007.741
05-12-2020 13:32:29.605964	1038.195
05-12-2020 13:32:31.999418	1075.689
05-12-2020 13:32:34.392871	1104.405
05-12-2020 13:32:36.786325	1127.043
05-12-2020 13:32:39.179779	1091.272
05-12-2020 13:32:41.573232	987.696
05-12-2020 13:32:43.966686	1039.817
05-12-2020 13:32:46.360139	1104.695
05-12-2020 13:32:48.753593	1022.761
05-12-2020 13:32:51.147047	1003.583
05-12-2020 13:32:53.540500	1035.671
05-12-2020 13:32:55.933954	1068.107
05-12-2020 13:32:58.327408	1071.73
05-12-2020 13:33:00.720861	1066.624
05-12-2020 13:33:03.114315	1044.751
05-12-2020 13:33:05.507768	1003.283
05-12-2020 13:33:07.901222	989.068
05-12-2020 13:33:10.294676	1016.763
05-12-2020 13:33:12.688129	1084.334
05-12-2020 13:33:15.081583	1085.993
05-12-2020 13:33:17.475037	1033.564
05-12-2020 13:33:19.868490	1083.102
05-12-2020 13:33:22.261944	1069.947
05-12-2020 13:33:24.655397	1039.277
05-12-2020 13:33:27.048851	1022.736
05-12-2020 13:33:29.442305	1044.521
05-12-2020 13:33:31.835758	1056.149
05-12-2020 13:33:34.229212	1042.99

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:33:36.622666	1082.462
05-12-2020 13:33:39.016119	1074.737
05-12-2020 13:33:41.409573	1068.671
05-12-2020 13:33:43.803026	1018.948
05-12-2020 13:33:46.196480	1043.725
05-12-2020 13:33:48.589934	1083.634
05-12-2020 13:33:50.983387	1047.845
05-12-2020 13:33:53.376841	988.967
05-12-2020 13:33:55.770294	1039.696
05-12-2020 13:33:58.163748	1043.889
05-12-2020 13:34:00.557202	1100.224
05-12-2020 13:34:02.950655	1115.216
05-12-2020 13:34:05.344109	1079.723
05-12-2020 13:34:07.737563	1031.321
05-12-2020 13:34:10.131016	1015.482
05-12-2020 13:34:12.524470	1031.435
05-12-2020 13:34:14.917923	1054.966
05-12-2020 13:34:17.311377	1096.603
05-12-2020 13:34:19.704831	1159.36
05-12-2020 13:34:22.098284	1077.305
05-12-2020 13:34:24.491738	1021.282
05-12-2020 13:34:26.885192	1029.143
05-12-2020 13:34:29.278645	1026.947
05-12-2020 13:34:31.672099	1038.995
05-12-2020 13:34:34.065552	1059.373
05-12-2020 13:34:36.459006	1107.21
05-12-2020 13:34:38.852460	1151.926
05-12-2020 13:34:41.245913	1052.054
05-12-2020 13:34:43.639367	1010.163
05-12-2020 13:34:46.032821	1060.003
05-12-2020 13:34:48.426274	1086.124
05-12-2020 13:34:50.819728	1033.33
05-12-2020 13:34:53.213181	971.594
05-12-2020 13:34:55.606635	999.535
05-12-2020 13:34:58.000089	1062.679
05-12-2020 13:35:00.393542	1119.916
05-12-2020 13:35:02.786996	1013.077
05-12-2020 13:35:05.180450	1011.512
05-12-2020 13:35:07.573903	1074.377
05-12-2020 13:35:09.967357	1088.737
05-12-2020 13:35:12.360810	1049.791

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:35:14.754264	1077.317
05-12-2020 13:35:17.147718	1094.616
05-12-2020 13:35:19.541171	1091.524
05-12-2020 13:35:21.934625	1018.495
05-12-2020 13:35:24.328078	1022.879
05-12-2020 13:35:26.721532	1044.051
05-12-2020 13:35:29.114986	1034.04
05-12-2020 13:35:31.508439	1037.76
05-12-2020 13:35:33.901893	1061.01
05-12-2020 13:35:36.295347	1088.348
05-12-2020 13:35:38.688800	1118.598
05-12-2020 13:35:41.082254	1048.606
05-12-2020 13:35:43.475707	1017.622
05-12-2020 13:35:45.869161	1025.855
05-12-2020 13:35:48.262615	1031.43
05-12-2020 13:35:50.656068	1003.78
05-12-2020 13:35:53.049522	1037.79
05-12-2020 13:35:55.442976	1050.026
05-12-2020 13:35:57.836429	1042.123
05-12-2020 13:36:00.229883	1042.179
05-12-2020 13:36:02.623336	1058.605
05-12-2020 13:36:05.016790	1069.959
05-12-2020 13:36:07.410244	1083.601
05-12-2020 13:36:09.803697	1052.658
05-12-2020 13:36:12.197151	1072.682
05-12-2020 13:36:14.590605	1089.182
05-12-2020 13:36:16.984058	1090.055
05-12-2020 13:36:19.377512	1066.196
05-12-2020 13:36:21.770965	1066.985
05-12-2020 13:36:24.164419	1071.368
05-12-2020 13:36:26.557873	1074.081
05-12-2020 13:36:28.951326	1037.57
05-12-2020 13:36:31.344780	1045.414
05-12-2020 13:36:33.738234	1073.149
05-12-2020 13:36:36.131687	1016.93
05-12-2020 13:36:38.525141	1011.331
05-12-2020 13:36:40.918594	1010.891
05-12-2020 13:36:43.312048	1030.924
05-12-2020 13:36:45.705502	1041.083
05-12-2020 13:36:48.098955	1073.97
05-12-2020 13:36:50.492409	1074.94

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:36:52.885863	1044.087
05-12-2020 13:36:55.279316	1035.503
05-12-2020 13:36:57.672770	1083.646
05-12-2020 13:37:00.066223	999.851
05-12-2020 13:37:02.459677	1006.447
05-12-2020 13:37:04.853131	1049.631
05-12-2020 13:37:07.246584	1050.368
05-12-2020 13:37:09.640038	1032.84
05-12-2020 13:37:12.033491	1038.749
05-12-2020 13:37:14.426945	1043.423
05-12-2020 13:37:16.820399	1066.982
05-12-2020 13:37:19.213852	1085.016
05-12-2020 13:37:21.607306	1069.083
05-12-2020 13:37:24.000760	1092.136
05-12-2020 13:37:26.394213	1076.476
05-12-2020 13:37:28.787667	1006.291
05-12-2020 13:37:31.181120	1037.091
05-12-2020 13:37:33.574574	1076.482
05-12-2020 13:37:35.968028	1075.028
05-12-2020 13:37:38.361481	1018.338
05-12-2020 13:37:40.754935	969.317
05-12-2020 13:37:43.148389	988.227
05-12-2020 13:37:45.541842	1037.224
05-12-2020 13:37:47.935296	1048.255
05-12-2020 13:37:50.328749	1072.008
05-12-2020 13:37:52.722203	1069.92
05-12-2020 13:37:55.115657	1068.05
05-12-2020 13:37:57.509110	1059.963
05-12-2020 13:37:59.902564	1041.571
05-12-2020 13:38:02.296018	1072.48
05-12-2020 13:38:04.689471	1030.852
05-12-2020 13:38:07.082925	1014.836
05-12-2020 13:38:09.476378	1063.903
05-12-2020 13:38:11.869832	1047.376
05-12-2020 13:38:14.263286	1053.576
05-12-2020 13:38:16.656739	1040.084
05-12-2020 13:38:19.050193	1058.134
05-12-2020 13:38:21.443647	1073.215
05-12-2020 13:38:23.837100	1066.567
05-12-2020 13:38:26.230554	1070.192
05-12-2020 13:38:28.624007	1061.142

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:38:31.017461	1037.123
05-12-2020 13:38:33.410915	1042.432
05-12-2020 13:38:35.804368	1034.256
05-12-2020 13:38:38.197822	1026.371
05-12-2020 13:38:40.591275	1013.351
05-12-2020 13:38:42.984729	1021.545
05-12-2020 13:38:45.378183	1029.357
05-12-2020 13:38:47.771636	1048.853
05-12-2020 13:38:50.165090	1100.323
05-12-2020 13:38:52.558544	1059.85
05-12-2020 13:38:54.951997	1008.537
05-12-2020 13:38:57.345451	1063.857
05-12-2020 13:38:59.738904	1082.438
05-12-2020 13:39:02.132358	1047.876
05-12-2020 13:39:04.525812	1064.724
05-12-2020 13:39:06.919265	1054.552
05-12-2020 13:39:09.312719	1044.779
05-12-2020 13:39:11.706173	1062.711
05-12-2020 13:39:14.099626	1023.693
05-12-2020 13:39:16.493080	1001.99
05-12-2020 13:39:18.886533	1026.878
05-12-2020 13:39:21.279987	1054.779
05-12-2020 13:39:23.673441	1072.227
05-12-2020 13:39:26.066894	1058.826
05-12-2020 13:39:28.460348	1065.256
05-12-2020 13:39:30.853802	1048.337
05-12-2020 13:39:33.247255	1045.101
05-12-2020 13:39:35.640709	1080.738
05-12-2020 13:39:38.034162	1053.655
05-12-2020 13:39:40.427616	1047.952
05-12-2020 13:39:42.821070	1044.199
05-12-2020 13:39:45.214523	1029.272
05-12-2020 13:39:47.607977	1026.393
05-12-2020 13:39:50.001431	1058.372
05-12-2020 13:39:52.394884	1107.434
05-12-2020 13:39:54.788338	1062.004
05-12-2020 13:39:57.181791	1043.825
05-12-2020 13:39:59.575245	1068.744
05-12-2020 13:40:01.968699	1076.787
05-12-2020 13:40:04.362152	991.563
05-12-2020 13:40:06.755606	1039.602

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:40:09.149059	1075.786
05-12-2020 13:40:11.542513	1038.724
05-12-2020 13:40:13.935967	978.446
05-12-2020 13:40:16.329420	984.875
05-12-2020 13:40:18.722874	1014.504
05-12-2020 13:40:21.116328	1048.173
05-12-2020 13:40:23.509781	1039.755
05-12-2020 13:40:25.903235	1069.145
05-12-2020 13:40:28.296688	1055.802
05-12-2020 13:40:30.690142	1034.653
05-12-2020 13:40:33.083596	1044.137
05-12-2020 13:40:35.477049	1068.686
05-12-2020 13:40:37.870503	1061.048
05-12-2020 13:40:40.263957	1080.123
05-12-2020 13:40:42.657410	1088.84
05-12-2020 13:40:45.050864	1040.141
05-12-2020 13:40:47.444317	1064.313
05-12-2020 13:40:49.837771	1078.249
05-12-2020 13:40:52.231225	1092.623
05-12-2020 13:40:54.624678	1016.234
05-12-2020 13:40:57.018132	987.283
05-12-2020 13:40:59.411586	1008.831
05-12-2020 13:41:01.805039	1033.337
05-12-2020 13:41:04.198493	1042.67
05-12-2020 13:41:06.591946	1021.081
05-12-2020 13:41:08.985400	1017.622
05-12-2020 13:41:11.378854	1008.492
05-12-2020 13:41:13.772307	1015.532
05-12-2020 13:41:16.165761	1035.568
05-12-2020 13:41:18.559215	1061.013
05-12-2020 13:41:20.952668	1105.155
05-12-2020 13:41:23.346122	1132.89
05-12-2020 13:41:25.739575	1076.959
05-12-2020 13:41:28.133029	1039.057
05-12-2020 13:41:30.526483	1105.741
05-12-2020 13:41:32.919936	1711.203
05-12-2020 13:41:35.313390	2553.324
05-12-2020 13:41:37.706843	3404.346
05-12-2020 13:41:40.100297	4236.778
05-12-2020 13:41:42.493751	5081.686
05-12-2020 13:41:44.887204	5934.321

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:41:47.280658	6768.251
05-12-2020 13:41:49.674112	7629.291
05-12-2020 13:41:52.067565	8477.329
05-12-2020 13:41:54.461019	9314.513
05-12-2020 13:41:56.854472	10159.43
05-12-2020 13:41:59.247926	10998.68
05-12-2020 13:42:01.641380	11840.5
05-12-2020 13:42:04.034833	12700.72
05-12-2020 13:42:06.428287	13539.75
05-12-2020 13:42:08.821741	14397.73
05-12-2020 13:42:11.215194	15225.22
05-12-2020 13:42:13.608648	16082.72
05-12-2020 13:42:16.002101	16930.64
05-12-2020 13:42:18.395555	17767.57
05-12-2020 13:42:20.789009	18614.11
05-12-2020 13:42:23.182462	19449.96
05-12-2020 13:42:25.575916	20294.99
05-12-2020 13:42:27.969370	21151
05-12-2020 13:42:30.362823	22006.75
05-12-2020 13:42:32.756277	22848.31
05-12-2020 13:42:35.149730	23696.75
05-12-2020 13:42:37.543184	24532.14
05-12-2020 13:42:39.936638	25364.36
05-12-2020 13:42:42.330091	26208.39
05-12-2020 13:42:44.723545	27079.69
05-12-2020 13:42:47.116999	27905.19
05-12-2020 13:42:49.510452	28751.18
05-12-2020 13:42:51.903906	29603.95
05-12-2020 13:42:54.297359	30446.63
05-12-2020 13:42:56.690813	31292.39
05-12-2020 13:42:59.084267	32119.04
05-12-2020 13:43:01.477720	32993.17
05-12-2020 13:43:03.871174	33831.13
05-12-2020 13:43:06.264627	34694.42
05-12-2020 13:43:08.658081	35517.06
05-12-2020 13:43:11.051535	36382.6
05-12-2020 13:43:13.444988	37203.15
05-12-2020 13:43:15.838442	38059.44
05-12-2020 13:43:18.231896	38917.99
05-12-2020 13:43:20.625349	39753.72
05-12-2020 13:43:23.018803	40594.22

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:43:25.412256	41445.28
05-12-2020 13:43:27.805710	42285.48
05-12-2020 13:43:30.199164	43140.36
05-12-2020 13:43:32.592617	43976.25
05-12-2020 13:43:34.986071	44829.79
05-12-2020 13:43:37.379525	45664.58
05-12-2020 13:43:39.772978	46502.14
05-12-2020 13:43:42.166432	47354.47
05-12-2020 13:43:44.559885	48224.99
05-12-2020 13:43:46.953339	49042.69
05-12-2020 13:43:49.346793	49893.59
05-12-2020 13:43:51.740246	50750.15
05-12-2020 13:43:54.133700	51582.9
05-12-2020 13:43:56.527154	52434.42
05-12-2020 13:43:58.920607	52864.48
05-12-2020 13:44:01.314061	52892.18
05-12-2020 13:44:03.707514	52883.06
05-12-2020 13:44:06.100968	52898.22
05-12-2020 13:44:08.494422	52905.76
05-12-2020 13:44:10.887875	52893.34
05-12-2020 13:44:13.281329	52898.96
05-12-2020 13:44:15.674783	52903.24
05-12-2020 13:44:18.068236	52890.32
05-12-2020 13:44:20.461690	52888.36
05-12-2020 13:44:22.855143	52895.72
05-12-2020 13:44:25.248597	52909.82
05-12-2020 13:44:27.642051	52909.34
05-12-2020 13:44:30.035504	52908.75
05-12-2020 13:44:32.428958	52894.44
05-12-2020 13:44:34.822411	52915.73
05-12-2020 13:44:37.215865	52906.1
05-12-2020 13:44:39.609319	52917.18
05-12-2020 13:44:42.002772	52914.59
05-12-2020 13:44:44.396226	52917.63
05-12-2020 13:44:46.789680	52909.08
05-12-2020 13:44:49.183133	52905.4
05-12-2020 13:44:51.576587	52914.92
05-12-2020 13:44:53.970040	52919.28
05-12-2020 13:44:56.363494	52913.54
05-12-2020 13:44:58.756948	52899.83
05-12-2020 13:45:01.150401	52894.72

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:45:03.543855	52923.19
05-12-2020 13:45:05.937309	52929.66
05-12-2020 13:45:08.330762	52923.45
05-12-2020 13:45:10.724216	52923.6
05-12-2020 13:45:13.117669	52925.66
05-12-2020 13:45:15.511123	52919.23
05-12-2020 13:45:17.904577	52923.99
05-12-2020 13:45:20.298030	52937.16
05-12-2020 13:45:22.691484	52911.43
05-12-2020 13:45:25.084938	52923.06
05-12-2020 13:45:27.478391	52916.69
05-12-2020 13:45:29.871845	52921.75
05-12-2020 13:45:32.265298	52922.58
05-12-2020 13:45:34.658752	52921.19
05-12-2020 13:45:37.052206	52912.94
05-12-2020 13:45:39.445659	52923.15
05-12-2020 13:45:41.839113	52926.11
05-12-2020 13:45:44.232567	52924.85
05-12-2020 13:45:46.626020	52923.81
05-12-2020 13:45:49.019474	52914.43
05-12-2020 13:45:51.412927	52920.65
05-12-2020 13:45:53.806381	52914.4
05-12-2020 13:45:56.199835	52927.18
05-12-2020 13:45:58.593288	52911.89
05-12-2020 13:46:00.986742	52913.53
05-12-2020 13:46:03.380196	52925.67
05-12-2020 13:46:05.773649	52917.92
05-12-2020 13:46:08.167103	52917.28
05-12-2020 13:46:10.560556	52914.46
05-12-2020 13:46:12.954010	52916.81
05-12-2020 13:46:15.347464	52912.77
05-12-2020 13:46:17.740917	52906.97
05-12-2020 13:46:20.134371	52908.92
05-12-2020 13:46:22.527824	52930.67
05-12-2020 13:46:24.921278	52919.93
05-12-2020 13:46:27.314732	52917.7
05-12-2020 13:46:29.708185	52924.97
05-12-2020 13:46:32.101639	52921.01
05-12-2020 13:46:34.495093	52923.75
05-12-2020 13:46:36.888546	52939.02
05-12-2020 13:46:39.282000	52928.39

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
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05-12-2020 13:46:44.068907	52919
05-12-2020 13:46:46.462361	52915.18
05-12-2020 13:46:48.855814	52912.85
05-12-2020 13:46:51.249268	52927.92
05-12-2020 13:46:53.642722	52935.77
05-12-2020 13:46:56.036175	52930.62
05-12-2020 13:46:58.429629	52918.79
05-12-2020 13:47:00.823082	52915.63
05-12-2020 13:47:03.216536	52921
05-12-2020 13:47:05.609990	52911.86
05-12-2020 13:47:08.003443	52926.44
05-12-2020 13:47:10.396897	52920.04
05-12-2020 13:47:12.790351	52920.15
05-12-2020 13:47:15.183804	52910.89
05-12-2020 13:47:17.577258	52914.63
05-12-2020 13:47:19.970711	52925.46
05-12-2020 13:47:22.364165	52918.41
05-12-2020 13:47:24.757619	52921.77
05-12-2020 13:47:27.151072	52925.3
05-12-2020 13:47:29.544526	52928.59
05-12-2020 13:47:31.937980	52926.77
05-12-2020 13:47:34.331433	52923.52
05-12-2020 13:47:36.724887	52924.76
05-12-2020 13:47:39.118340	52926.31
05-12-2020 13:47:41.511794	52919.02
05-12-2020 13:47:43.905248	52917.01
05-12-2020 13:47:46.298701	52919.21
05-12-2020 13:47:48.692155	52917.2
05-12-2020 13:47:51.085608	52912.45
05-12-2020 13:47:53.479062	52921.96
05-12-2020 13:47:55.872516	52909.7
05-12-2020 13:47:58.265969	52903.88
05-12-2020 13:48:00.659423	52917.64
05-12-2020 13:48:03.052877	52922.56
05-12-2020 13:48:05.446330	52917.29
05-12-2020 13:48:07.839784	52918.43
05-12-2020 13:48:10.233237	52915.6
05-12-2020 13:48:12.626691	52907
05-12-2020 13:48:15.020145	52910.67
05-12-2020 13:48:17.413598	52915.49

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
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05-12-2020 13:48:22.200506	52905.42
05-12-2020 13:48:24.593959	52911.34
05-12-2020 13:48:26.987413	52911.86
05-12-2020 13:48:29.380866	52910.32
05-12-2020 13:48:31.774320	52920
05-12-2020 13:48:34.167774	52911.64
05-12-2020 13:48:36.561227	52906.09
05-12-2020 13:48:38.954681	52919.04
05-12-2020 13:48:41.348135	52925.02
05-12-2020 13:48:43.741588	52925.36
05-12-2020 13:48:46.135042	52912.26
05-12-2020 13:48:48.528495	52898.18
05-12-2020 13:48:50.921949	52906.32
05-12-2020 13:48:53.315403	52899.3
05-12-2020 13:48:55.708856	52918.37
05-12-2020 13:48:58.102310	52902.79
05-12-2020 13:49:00.495764	52907.94
05-12-2020 13:49:02.889217	52906.51
05-12-2020 13:49:05.282671	52905.3
05-12-2020 13:49:07.676124	52889.28
05-12-2020 13:49:10.069578	52904.08
05-12-2020 13:49:12.463032	52900.64
05-12-2020 13:49:14.856485	52901.79
05-12-2020 13:49:17.249939	52892.76
05-12-2020 13:49:19.643392	52903.09
05-12-2020 13:49:22.036846	52897.59
05-12-2020 13:49:24.430300	52903.92
05-12-2020 13:49:26.823753	52895.38
05-12-2020 13:49:29.217207	52899.13
05-12-2020 13:49:31.610661	52896.22
05-12-2020 13:49:34.004114	52905.78
05-12-2020 13:49:36.397568	52893.69
05-12-2020 13:49:38.791021	52891.54
05-12-2020 13:49:41.184475	52908.09
05-12-2020 13:49:43.577929	52901.95
05-12-2020 13:49:45.971382	52903.16
05-12-2020 13:49:48.364836	52915.04
05-12-2020 13:49:50.758290	52912.26
05-12-2020 13:49:53.151743	52901.24
05-12-2020 13:49:55.545197	52902.7

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
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05-12-2020 13:50:00.332104	52910.06
05-12-2020 13:50:02.725558	52904.34
05-12-2020 13:50:05.119011	52899.28
05-12-2020 13:50:07.512465	52885.99
05-12-2020 13:50:09.905919	52902.7
05-12-2020 13:50:12.299372	52897.72
05-12-2020 13:50:14.692826	52916.95
05-12-2020 13:50:17.086279	52921.17
05-12-2020 13:50:19.479733	52906.69
05-12-2020 13:50:21.873187	52897.77
05-12-2020 13:50:24.266640	52914.95
05-12-2020 13:50:26.660094	52922.7
05-12-2020 13:50:29.053548	52911.93
05-12-2020 13:50:31.447001	52920.66
05-12-2020 13:50:33.840455	52920.87
05-12-2020 13:50:36.233908	52909.52
05-12-2020 13:50:38.627362	52903.78
05-12-2020 13:50:41.020816	52897.53
05-12-2020 13:50:43.414269	52913.39
05-12-2020 13:50:45.807723	52916.23
05-12-2020 13:50:48.201176	52902.64
05-12-2020 13:50:50.594630	52906.96
05-12-2020 13:50:52.988084	52903.12
05-12-2020 13:50:55.381537	52911.15
05-12-2020 13:50:57.774991	52908.1
05-12-2020 13:51:00.168445	52897.18
05-12-2020 13:51:02.561898	52910.17
05-12-2020 13:51:04.955352	52901.73
05-12-2020 13:51:07.348805	52914.85
05-12-2020 13:51:09.742259	52936.18
05-12-2020 13:51:12.135713	52912.92
05-12-2020 13:51:14.529166	52917.28
05-12-2020 13:51:16.922620	52919.58
05-12-2020 13:51:19.316074	52905.25
05-12-2020 13:51:21.709527	52910.99
05-12-2020 13:51:24.102981	52907.99
05-12-2020 13:51:26.496434	52898.26
05-12-2020 13:51:28.889888	52909.05
05-12-2020 13:51:31.283342	52902.56
05-12-2020 13:51:33.676795	52905.88

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:51:36.070249	52911.11
05-12-2020 13:51:38.463703	52931.39
05-12-2020 13:51:40.857156	52924.33
05-12-2020 13:51:43.250610	52917.56
05-12-2020 13:51:45.644063	52908.86
05-12-2020 13:51:48.037517	52917.63
05-12-2020 13:51:50.430971	52911.02
05-12-2020 13:51:52.824424	52905.77
05-12-2020 13:51:55.217878	52917.45
05-12-2020 13:51:57.611332	52906.48
05-12-2020 13:52:00.004785	52905.6
05-12-2020 13:52:02.398239	52915.02
05-12-2020 13:52:04.791692	52915.4
05-12-2020 13:52:07.185146	52920.99
05-12-2020 13:52:09.578600	52908.74
05-12-2020 13:52:11.972053	52914.11
05-12-2020 13:52:14.365507	52931.21
05-12-2020 13:52:16.758960	52917.06
05-12-2020 13:52:19.152414	52919.19
05-12-2020 13:52:21.545868	52913.56
05-12-2020 13:52:23.939321	52915.95
05-12-2020 13:52:26.332775	52911.88
05-12-2020 13:52:28.726229	52919.99
05-12-2020 13:52:31.119682	52922.86
05-12-2020 13:52:33.513136	52913.14
05-12-2020 13:52:35.906589	52913.11
05-12-2020 13:52:38.300043	52915.99
05-12-2020 13:52:40.693497	52914.32
05-12-2020 13:52:43.086950	52916.83
05-12-2020 13:52:45.480404	52924
05-12-2020 13:52:47.873858	52930.3
05-12-2020 13:52:50.267311	52926.43
05-12-2020 13:52:52.660765	52915.66
05-12-2020 13:52:55.054218	52923.11
05-12-2020 13:52:57.447672	52916.17
05-12-2020 13:52:59.841126	52914.34
05-12-2020 13:53:02.234579	52910.36
05-12-2020 13:53:04.628033	52909.7
05-12-2020 13:53:07.021487	52917.79
05-12-2020 13:53:09.414940	52920.37
05-12-2020 13:53:11.808394	52921.66

Date and Time	[kW] Active Power - Fundamental Total (Auto) Average PQZIP 11-12-2020 11:27:01
05-12-2020 13:53:14.201847	52913.02
05-12-2020 13:53:16.595301	52905.51
05-12-2020 13:53:18.988755	52923.92
05-12-2020 13:53:21.382208	52910.11
05-12-2020 13:53:23.775662	52922.43
05-12-2020 13:53:26.169116	52904.85
05-12-2020 13:53:28.562569	52910.65
05-12-2020 13:53:30.956023	52932.1
05-12-2020 13:53:33.349476	52925.66
05-12-2020 13:53:35.742930	52918.59
05-12-2020 13:53:38.136384	52924.98
05-12-2020 13:53:40.529837	52918.04
05-12-2020 13:53:42.923291	52928.14