

MAXIMUM POWER TEST NORGENER UNIT 1

Result Maximum Power Test Norgener Unit 1




By order of AES Gener Chile

Report no.: 15-3255 Rev.0

Date: 2015-12-09



Project name:	Maximum Power Test Norgener Unit 1	DNV GL - Energy
Report title:	Result Maximum Power Test Norgener Unit 1	KEMA Nederland B.V.
Customer:	By order of AES Gener Chile	Utrechtseweg 310
Contact person:	Juan Carlos Acevedo Conzalo Ruiz Cristian Cárdenas.	6812 AR ARNHEM Tel: +3126 356 9111 Registered Arnhem 09080262
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Prepared by:	Verified by:	Approved by:
R. Tim	M.J.G. Snippert	L.B.M. van Kessel
		

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Reference to part of this report which may lead to misinterpretation is not permissible.

Rev. No.	Date	Reason for Issue	Prepared by	Verified by	Approved by
0	2015-12-09	First issue	R. Tim	M.J.G. Snippert	L.B.M. v. Kessel

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EXECUTIVE SUMMARY

Project

In close cooperation and by order of AES Gener, maximum power test and performance tests at Norgener Unit 1, as per CDEC-SING requirement, have been conducted by DNV GL in the period from the 30th of November 2015 until the 2nd of December 2015.

The maximum power test was performed on the 30th of November 2015. The duration of the test was five hours, from 10:00 till 15:00.

Purpose

The purpose of the maximum power test is to determine the maximum power of the unit as per specification "Procedimiento DO: Pruebas de Potencia Máxima en Unidades Generadoras" .

Report

In this report the corrected result is presented of the achieved maximum gross power of Norgener Unit 1, during the five hour test.

The measured result is corrected to the applicable nominal reference site conditions of the plant:

- a power factor of 0.85
- a cooling water inlet temperature of 18°C.

Result

In table 1 the measured result of the maximum power test of Norgener Unit 1 is presented.

Table 1 Measured Power of Norgener Unit#1

HORA	POTENCIA EN MW		
	BRUTA	SS/AA	NETA
11:00	139.69	10.21	128.60
12:00	139.94	10.31	128.69
13:00	140.10	10.34	128.84
14:00	140.06	10.40	128.72
15:00	140.11	10.32	128.93
PROMEDIO (10:00 - 15:00)	139.98	10.32	128.76

In table 2 the corrected result of the maximum power test of Norgener Unit 1 is presented.

Table 2 Maximum Gross Power Corrected of Norgener Unit# 1

Point Number DNVGL	Maximum Power Test Date Time begin Time end	Unit	100% 30-11-2015 10:00 15:00
	Ambient Conditions		
@3001	P Ambient Pressure	mbar	1008.0
@3002	T Ambient Temperature	°C	20.6
@0082	X Relative Humidity	%	58.4
	Reference Conditions as Measured		
@2003	PF Power Factor Generator	-	0.997
@3005	T Inlet Cooling Water Temperature	°C	16.8
	Maximum Gross Power Corrected		
@0530	Pe Gross Power Generator Measured	MW	139.98
@0957	Pe Correction for Power Factor	MW	-0.374
@0958	Pe Correction for Cooling Water Temp.	MW	-0.146
@0966	Pe Maximum Gross Power Corrected	MW	139.46

Conclusion

The achieved maximum corrected gross power of Norgener Unit 1, during the five hour test of the 30th of November 2015, is **139.46 MW**.

1 INTRODUCTION

In close cooperation and by order of AES Gener, maximum power test and performance tests at Norgener Unit 1 have been conducted by DNV GL in the period from the 30th of November 2015 until the 2nd of December 2015, as per CDEC-SING requirement.

The maximum power test was performed on the 30th of November 2015; the duration of the test was five hours, from 10:00 till 15:00.

The gross power of the generator was measured by means of the plant kWh counter, with 15 minutes interval. This gross power metering system consists of 0.2% class PT's, 0.2% class CT's and 0.2% power meter; the metering system is in compliance with the required 1.0% class or better. The latest calibration certificate of this gross power metering system is added in Appendix A.

Reference values were monitored by the DCS system; the ambient condition in the vicinity of the boiler was measured by means of the temporary installed DNV GL weather station and data log system.

The plant was operated on load control with the nominal control settings and process settings. The frequency control of the unit was disabled, as per CDE-SING requirement. No specific process limits were monitored during the tests, except concerning the steam production of the boiler. The average steam production of the boiler, during the maximum power test, has been determined at 419.6 t/h.

The maximum boiler steam production, as per OEM, is 390 t/h, so we recommend contacting the OEM for further evaluation.

The following external representatives were present during the maximum power test:

CDEC-SING : Mr. José Flores
 : Mr. Gabriel Carrasco

2 TEST PROGRAM MAXIMUM POWER TEST

Table 2.1 Test program maximum power test

Test	100%
Date	30-11-2015
Time begin	10:00
Time end	15:00

3 REFERENCE CONDITIONS

The applicable reference conditions at the system boundary of the plant concerning the maximum power test of the unit are defined as follow:

Table 3.1 Reference conditions

Description	Unit	Reference Conditions
Cooling water inlet temperature	°C	18
Power factor generator steam turbine	-	0.85

4 PLANT CORRECTIONS TO REFERENCE CONDITIONS

The following corrections have been applied:

- correction for cooling water inlet temperature at the inlet of the condenser
- correction for power factor of the generator

5 RESULTS

In the following Annexes the main detail information/results are presented:

- Appendix A: Calibration certificate gross power metering system
 Appendix B: Results kWh counter gross power generator (15 min counter)
 Appendix C: Ambient conditions DNVGL weather station and cooling water temp. (1 min. interval)
 Appendix D: DCS measurements (5 sec. interval)

In table 5.1 the result of the maximum power test is summarised.

In table 5.2 the average value, the minimum, the maximum and standard deviation are presented of additional reference measurements. Each separate measurement scan is presented in Appendix C and D.

Table 5.1 Maximum Gross Power Corrected of Norgener Unit#1

Point Number DNVGL	Maximum Power Test Date Time begin Time end	Unit	100% 30-11-2015 10:00 15:00
Ambient Conditions			
@3001	P Ambient Pressure	mbar	1008.0
@3002	T Ambient Temperature	°C	20.6
@0082	X Relative Humidity	%	58.4
Reference Conditions as Measured			
@2003	PF Power Factor Generator	-	0.997
@3005	T Inlet Cooling Water Temperature	°C	16.8
Maximum Gross Power Corrected			
@0530	Pe Gross Power Generator Measured	MW	139.98
@0957	Pe Correction for Power Factor	MW	-0.374
@0958	Pe Correction for Cooling Water Temp.	MW	-0.146
@0966	Pe Maximum Gross Power Corrected	MW	139.46

Table 5.2 Additional reference values

Maximum Power Test		100%			
Date		30-11-15			
Time begin		10:00			
Time end		15:00			
	Unit	Average	Standard Deviation	Maximum	Minimum
Ambient Temperature (DNV GL)	°C	20.58	0.42	21.18	19.55
Humidity (DNV GL)	%	58.42	2.16	62.80	54.18
Ambient Pressure (DNV GL)	bar(a)	1.00797	0.00065	1.00917	1.00697
Cool Water Temperature (DNV GL)	°C	16.76	0.23	17.33	16.20
Gross Power Generator (DCS)	MW	139.1	0.5	140.7	137.1
Reactive Power (DCS)	MVar	8.62	1.68	15.30	2.13
Speed (DCS)	rpm	3012.8	8.0	3031.5	2992.1
Voltage Generator (DCS)	kV	13.38	0.03	13.50	13.22
Frequency Generator (DCS)	Hz	50.03	0.13	50.34	49.71
Power Factor (DCS)	-	0.997	0.001	1.000	0.994
Auxiliary Power (DCS)	MW	10.31	0.13	10.86	9.78
HP Valve Position (DCS)	%	85.06	0.93	87.97	83.19
HP steam Pressure (DCS)	bar(g)	160.0	0.4	161.0	159.1
HP steam Temperature (DCS)	°C	536.4	0.6	538.3	534.5
IP steam Pressure (DCS)	bar(g)	36.64	0.104	36.86	36.31
IP steam Temperature (DCS)	°C	544.6	1.3	548.3	542.1
Flue Gas Outlet Temperature (DCS)	°C	151.7	1.3	153.2	149.0



APPENDIX A
Certificate Gross Power Metering System

Principal U1

venta

FC-LAB-5.10.8c



CERTIFICADO DE CALIBRACION
LABORATORIO DE CALIBRACION DE TECNORED S.A.
MEDIDORES ELECTRICOS TRIFASICOS
DE CALIDAD DE SERVICIO



TECNORED S.A., Laboratorio de Calibración de Medidores Eléctricos
Certificado de Acreditación N°70 del INN

FOLIO 08075711

ANTECEDENTES DEL CLIENTE	
Solicitud	: ACE-2011-390
Fecha Calibración	: Diciembre 28, 2011
Medidor	: Generador Unidad I
Cliente	: Norgener
Lugar	: Central Tocopilla
ANTECEDENTES DEL MEDIDOR	
Marca	: Power Measurement
Tipo	: ION 8600
N° de Serie	: PT-0807A571-01
Estado	: En Servicio
Año Fabricación	: 2008
Clase Exact.	: 0.2 %
Cte. Lectura	: 1
Dígitos (Ent:Dec)	: 0:0
PATRON DE CALIBRACION	
Marca	: MTE
Modelo	: PTS 3.3
N° Serie	: 29562
Clase Exact.	: 0,05%
Trazabilidad	: LCPN (UDEC)
CONDICIONES DE MEDIDA	
Tipo de Medida	: W,ESTRELLA/ACTIVO
Tensión Nominal	: 57-277 (V)
Corriente Nominal	: 5 (A)
Cte. Medidor	: 1
Metodo Ensayo	: NCH 2542 ITEM 5.6
Frecuencia (Hz)	: 50 HZ
Temperatura (C°)	: 21,5
Humedad (%)	: 57,6
Calibrador	: Erwin Bustamante V.

MEDICIONES									
VERIFICACION POR LED EMISOR DE PULSOS									
		Módulo Activo					Módulo Reactivo		
N	Ph	Cte.%	FP	% Venta	% Compra	% Incert	% Venta	% Compra	% Incert
1	123	100	1	-0,08	-0,04	± 0,07	-0,04	-0,05	± 0,07
2	123	100	0,5	-0,05	-0,02	± 0,07	-0,05	-0,05	± 0,07
3	123	10	1	0,05	0,01	± 0,07	0,03	-0,06	± 0,07
4	1	100	1	-0,04	-0,05	± 0,07	-0,02	-0,03	± 0,07
5	2	100	1	-0,02	-0,03	± 0,07	-0,04	-0,06	± 0,07
6	3	100	1	-0,02	-0,02	± 0,07	-0,03	-0,05	± 0,07
7	1	100	0,5	-0,04	-0,08	± 0,07	-0,04	0,01	± 0,07
8	2	100	0,5	-0,02	-0,03	± 0,07	-0,03	-0,02	± 0,07
9	3	100	0,5	-0,01	0,02	± 0,07	-0,04	-0,07	± 0,07
10	1	10	1	-0,04	-0,06	± 0,07	-0,04	-0,02	± 0,07
11	2	10	1	-0,04	-0,02	± 0,07	-0,06	-0,08	± 0,07
12	3	10	1	-0,36	-0,04	± 0,07	-0,03	-0,06	± 0,07

DEMANDA MAXIMA			
DDA. ACTIVA	VENTA	COMPRA	% INCERT
Wh Standard	198,860	221,810	±0,07
Wh Medidor	198,850	221,790	±0,07
W Standard	2386	2662	±0,07
W Medidor	2386	2661	±0,07
% Reg. D.Max.	0,01	0,01	±0,07

DDA. REACTIVA	VENTA	COMPRA	% INCERT
Varh Standard	229,190	222,690	±0,07
Varh Medidor	229,100	222,600	±0,07
VAR Standard	2750	2672	±0,07
VAR Medidor	2749	2671	±0,07
% Reg. D.Max.	0,04	0,04	±0,07

NOTAS

Los errores encontrados cumplen con la clase de exactitud. Tecnored S.A. declina toda responsabilidad por el uso indebido que se hiciera de este certificado. Este documento no puede ser reproducido en forma parcial.

SR. JOSÉ HERRERA TORRES
INSPECTOR LABORATORIO
TECNORED S.A.
Por el Laboratorio de Calibración

TECNORED S.A.

C° El Plomo 3819 Barrio Industrial Curauma, Valparaíso
Fono: 56-32-2452580 fax: 56-32-2452571
www.tecnored.cl ventas@tecnored.cl



APPENDIX B

Results kWh Counter Gross Power Measurement (15 min interval)

Desde: 2015-nov-30 10:15 - 15:00

HORA	UNIDAD Nº1
	Generación Bruta Potencia Activa (MWh/15 min)
30-11-15 10:15	34.82
30-11-15 10:30	34.97
30-11-15 10:45	34.91
30-11-15 11:00	35.00
30-11-15 11:15	34.96
30-11-15 11:30	34.94
30-11-15 11:45	35.01
30-11-15 12:00	35.03
30-11-15 12:15	35.00
30-11-15 12:30	35.04
30-11-15 12:45	35.02
30-11-15 13:00	35.03
30-11-15 13:15	35.07
30-11-15 13:30	35.06
30-11-15 13:45	34.97
30-11-15 14:00	34.96
30-11-15 14:15	35.03
30-11-15 14:30	35.03
30-11-15 14:45	35.04
30-11-15 15:00	35.02



APPENDIX C

DNV GL Ambient conditions weather station and cooling water inlet temperature condenser (1 minute interval)

Date	Time	Ambient Conditions			Inlet Cool Water Temperature °C
		Temperature °C	Humidity %	Pressure bar	
30-Nov-15	10:00	19.67	59.06	1.00914	16.35
30-Nov-15	10:01	19.68	58.99	1.00917	16.42
30-Nov-15	10:02	19.57	58.77	1.00914	16.41
30-Nov-15	10:03	19.67	59.32	1.00911	16.42
30-Nov-15	10:04	19.62	59.03	1.00909	16.41
30-Nov-15	10:05	19.73	59.77	1.00905	16.39
30-Nov-15	10:06	19.71	59.48	1.00907	16.46
30-Nov-15	10:07	19.63	59.30	1.00906	16.42
30-Nov-15	10:08	19.61	59.71	1.00904	16.40
30-Nov-15	10:09	19.55	59.81	1.00904	16.46
30-Nov-15	10:10	19.57	60.45	1.00903	16.38
30-Nov-15	10:11	19.63	61.04	1.00897	16.38
30-Nov-15	10:12	19.69	61.29	1.00893	16.41
30-Nov-15	10:13	19.72	61.23	1.00891	16.64
30-Nov-15	10:14	19.86	60.70	1.00889	16.44
30-Nov-15	10:15	19.79	59.93	1.00889	16.44
30-Nov-15	10:16	19.71	60.67	1.00892	16.58
30-Nov-15	10:17	19.70	59.73	1.00891	16.39
30-Nov-15	10:18	19.77	59.96	1.00893	16.39
30-Nov-15	10:19	19.69	59.31	1.00893	16.56
30-Nov-15	10:20	19.69	59.11	1.00888	16.34
30-Nov-15	10:21	19.72	58.56	1.00886	16.44
30-Nov-15	10:22	19.79	59.62	1.00883	16.42
30-Nov-15	10:23	19.76	59.06	1.00885	16.42
30-Nov-15	10:24	19.77	59.39	1.00882	16.44
30-Nov-15	10:25	19.76	59.38	1.00881	16.55
30-Nov-15	10:26	19.75	59.01	1.00878	16.53
30-Nov-15	10:27	19.86	58.68	1.00874	16.43
30-Nov-15	10:28	20.02	58.96	1.00873	16.43
30-Nov-15	10:29	20.20	58.62	1.00869	16.40
30-Nov-15	10:30	20.12	57.90	1.00868	16.41
30-Nov-15	10:31	20.08	57.68	1.00871	16.39
30-Nov-15	10:32	19.98	57.21	1.00872	16.33
30-Nov-15	10:33	19.91	57.91	1.00871	16.33
30-Nov-15	10:34	19.84	57.39	1.00875	16.30
30-Nov-15	10:35	19.88	57.72	1.00876	16.64
30-Nov-15	10:36	19.69	57.69	1.00878	16.22
30-Nov-15	10:37	19.69	57.73	1.00878	16.29
30-Nov-15	10:38	19.79	58.08	1.00873	16.20
30-Nov-15	10:39	20.01	59.00	1.00872	16.24
30-Nov-15	10:40	20.07	58.24	1.00872	16.58
30-Nov-15	10:41	20.02	58.68	1.00875	16.27
30-Nov-15	10:42	19.95	58.80	1.00872	16.24
30-Nov-15	10:43	19.91	58.67	1.00870	16.28
30-Nov-15	10:44	19.97	58.28	1.00864	16.31
30-Nov-15	10:45	19.89	59.06	1.00864	16.31
30-Nov-15	10:46	19.90	59.13	1.00862	16.59
30-Nov-15	10:47	19.84	58.26	1.00860	16.41
30-Nov-15	10:48	19.89	58.13	1.00860	16.60
30-Nov-15	10:49	19.69	57.74	1.00861	16.41
30-Nov-15	10:50	19.76	57.91	1.00858	16.41
30-Nov-15	10:51	19.85	58.41	1.00859	16.44
30-Nov-15	10:52	19.92	58.41	1.00860	16.46
30-Nov-15	10:53	19.86	57.23	1.00860	16.45
30-Nov-15	10:54	20.06	58.01	1.00859	16.46
30-Nov-15	10:55	20.27	58.11	1.00858	16.65
30-Nov-15	10:56	20.47	57.73	1.00858	16.46
30-Nov-15	10:57	20.53	56.89	1.00856	16.52
30-Nov-15	10:58	20.40	56.46	1.00862	16.44
30-Nov-15	10:59	20.35	56.20	1.00862	16.43
30-Nov-15	11:00	20.15	56.17	1.00866	16.46
30-Nov-15	11:01	20.17	56.04	1.00867	16.49
30-Nov-15	11:02	20.10	56.32	1.00865	16.47
30-Nov-15	11:03	20.08	56.32	1.00867	16.47
30-Nov-15	11:04	20.24	56.91	1.00870	16.48
30-Nov-15	11:05	20.12	56.14	1.00867	16.49
30-Nov-15	11:06	20.29	56.75	1.00865	16.55
30-Nov-15	11:07	20.26	56.30	1.00864	16.51
30-Nov-15	11:08	20.38	56.71	1.00864	16.55
30-Nov-15	11:09	20.26	56.00	1.00857	16.57
30-Nov-15	11:10	20.34	56.28	1.00859	16.61
30-Nov-15	11:11	20.20	56.18	1.00860	16.59
30-Nov-15	11:12	20.38	56.66	1.00859	16.56
30-Nov-15	11:13	20.37	55.97	1.00858	16.62
30-Nov-15	11:14	20.34	56.20	1.00856	16.55
30-Nov-15	11:15	20.50	55.92	1.00856	16.58
30-Nov-15	11:16	20.29	55.28	1.00859	16.65
30-Nov-15	11:17	20.34	55.44	1.00856	16.58
30-Nov-15	11:18	20.49	56.10	1.00859	16.57
30-Nov-15	11:19	20.72	55.84	1.00861	16.81
30-Nov-15	11:20	20.69	55.10	1.00861	16.53
30-Nov-15	11:21	20.69	54.86	1.00857	16.56
30-Nov-15	11:22	20.83	54.77	1.00856	16.71
30-Nov-15	11:23	20.85	54.76	1.00854	16.62
30-Nov-15	11:24	20.88	54.86	1.00857	16.55
30-Nov-15	11:25	20.87	54.68	1.00853	16.53
30-Nov-15	11:26	20.97	54.60	1.00854	16.66
30-Nov-15	11:27	20.87	54.31	1.00852	16.58
30-Nov-15	11:28	20.78	54.33	1.00856	16.60
30-Nov-15	11:29	20.76	54.56	1.00847	16.59
30-Nov-15	11:30	20.63	54.28	1.00851	16.61
30-Nov-15	11:31	20.66	54.62	1.00844	16.77
30-Nov-15	11:32	20.50	54.18	1.00845	16.60
30-Nov-15	11:33	20.24	54.38	1.00843	16.61
30-Nov-15	11:34	20.29	55.07	1.00841	16.66
30-Nov-15	11:35	20.49	55.90	1.00843	16.59
30-Nov-15	11:36	20.69	55.15	1.00841	16.67
30-Nov-15	11:37	20.66	54.97	1.00840	16.64
30-Nov-15	11:38	20.89	54.88	1.00837	16.67
30-Nov-15	11:39	20.74	54.60	1.00840	16.65
30-Nov-15	11:40	20.79	55.00	1.00839	16.69
30-Nov-15	11:41	20.75	54.77	1.00840	16.69
30-Nov-15	11:42	20.83	54.85	1.00841	16.73
30-Nov-15	11:43	20.52	54.60	1.00836	16.71
30-Nov-15	11:44	20.70	55.58	1.00836	16.89
30-Nov-15	11:45	20.74	55.34	1.00834	16.75
30-Nov-15	11:46	20.87	55.35	1.00833	16.71
30-Nov-15	11:47	20.82	55.09	1.00839	16.75
30-Nov-15	11:48	20.82	55.32	1.00834	16.74
30-Nov-15	11:49	20.76	55.43	1.00831	16.73
30-Nov-15	11:50	20.76	55.48	1.00831	16.73
30-Nov-15	11:51	20.76	55.54	1.00830	16.73
30-Nov-15	11:52	20.76	55.59	1.00830	16.73
30-Nov-15	11:53	20.76	55.64	1.00830	16.73
30-Nov-15	11:54	20.76	55.69	1.00829	16.73
30-Nov-15	11:55	20.76	55.74	1.00829	16.73
30-Nov-15	11:56	20.76	55.80	1.00829	16.73
30-Nov-15	11:57	20.69	55.85	1.00829	16.70

Date	Time	Ambient Conditions			Inlet Cool Water Temperature °C
		Temperature °C	Humidity %	Pressure bar	
30-Nov-15	11:58	20.76	55.90	1.00828	16.73
30-Nov-15	11:59	20.90	55.93	1.00828	17.06
30-Nov-15	12:00	20.84	55.40	1.00826	16.78
30-Nov-15	12:01	20.94	55.68	1.00826	16.73
30-Nov-15	12:02	20.93	55.24	1.00826	16.76
30-Nov-15	12:03	20.92	55.48	1.00822	16.82
30-Nov-15	12:04	20.92	55.74	1.00823	16.79
30-Nov-15	12:05	20.98	55.48	1.00822	16.83
30-Nov-15	12:06	20.97	55.42	1.00822	16.82
30-Nov-15	12:07	21.08	55.40	1.00822	16.82
30-Nov-15	12:08	21.01	55.27	1.00820	16.87
30-Nov-15	12:09	21.06	55.32	1.00822	16.79
30-Nov-15	12:10	21.10	55.45	1.00821	16.85
30-Nov-15	12:11	21.18	55.82	1.00817	17.00
30-Nov-15	12:12	21.15	55.39	1.00822	16.94
30-Nov-15	12:13	21.13	55.38	1.00819	17.03
30-Nov-15	12:14	21.13	55.50	1.00820	16.81
30-Nov-15	12:15	21.15	55.77	1.00820	17.02
30-Nov-15	12:16	21.16	55.80	1.00822	16.83
30-Nov-15	12:17	21.15	56.54	1.00818	16.79
30-Nov-15	12:18	20.99	56.94	1.00820	16.85
30-Nov-15	12:19	20.99	57.58	1.00820	16.83
30-Nov-15	12:20	21.06	57.38	1.00817	16.83
30-Nov-15	12:21	20.97	56.51	1.00814	16.81
30-Nov-15	12:22	21.13	57.24	1.00814	16.94
30-Nov-15	12:23	20.93	56.97	1.00815	16.85
30-Nov-15	12:24	20.96	58.38	1.00808	16.79
30-Nov-15	12:25	20.89	58.68	1.00807	16.82
30-Nov-15	12:26	20.98	59.11	1.00803	16.95
30-Nov-15	12:27	21.01	60.14	1.00803	16.97
30-Nov-15	12:28	21.15	60.83	1.00803	16.86
30-Nov-15	12:28	20.91	59.10	1.00801	16.85
30-Nov-15	12:30	21.04	59.02	1.00801	16.87
30-Nov-15	12:31	21.00	58.94	1.00803	16.83
30-Nov-15	12:32	21.03	58.04	1.00798	16.85
30-Nov-15	12:33	20.99	57.67	1.00801	16.80
30-Nov-15	12:34	20.96	57.38	1.00798	17.07
30-Nov-15	12:35	20.98	56.95	1.00804	17.16
30-Nov-15	12:36	20.95	57.15	1.00798	16.83
30-Nov-15	12:37	20.74	56.25	1.00804	17.11
30-Nov-15	12:38	20.71	58.11	1.00799	17.06
30-Nov-15	12:39	20.80	57.89	1.00798	17.07
30-Nov-15	12:40	20.70	57.42	1.00802	16.88
30-Nov-15	12:41	20.70	57.51	1.00797	17.06
30-Nov-15	12:42	20.99	58.35	1.00792	16.83
30-Nov-15	12:43	20.90	57.53	1.00795	16.82
30-Nov-15	12:44	20.99	57.39	1.00798	16.85
30-Nov-15	12:45	20.89	56.49	1.00796	16.85
30-Nov-15	12:46	20.96	57.65	1.00797	16.86
30-Nov-15	12:47	21.15	57.75	1.00793	16.85
30-Nov-15	12:48	21.02	57.21	1.00799	16.86
30-Nov-15	12:49	21.16	56.92	1.00791	16.81
30-Nov-15	12:50	21.05	57.13	1.00791	16.85
30-Nov-15	12:51	21.13	56.78	1.00791	16.86
30-Nov-15	12:52	21.09	56.82	1.00793	16.94
30-Nov-15	12:53	21.14	56.57	1.00788	16.81
30-Nov-15	12:54	21.13	56.97	1.00789	16.86
30-Nov-15	12:55	21.02	56.13	1.00790	16.83
30-Nov-15	12:56	20.91	58.11	1.00794	16.86
30-Nov-15	12:57	20.75	58.08	1.00785	17.02
30-Nov-15	12:58	20.76	57.78	1.00780	16.84
30-Nov-15	12:59	20.63	58.23	1.00778	16.85
30-Nov-15	13:00	20.53	58.41	1.00780	16.85
30-Nov-15	13:01	20.44	59.32	1.00778	16.83
30-Nov-15	13:02	20.41	60.47	1.00772	16.80
30-Nov-15	13:03	20.52	61.83	1.00770	16.98
30-Nov-15	13:04	20.71	62.50	1.00765	16.85
30-Nov-15	13:05	20.50	61.60	1.00767	17.08
30-Nov-15	13:06	20.29	61.65	1.00768	16.82
30-Nov-15	13:07	20.19	62.48	1.00765	16.84
30-Nov-15	13:08	20.31	62.48	1.00767	16.91
30-Nov-15	13:09	20.46	62.80	1.00760	16.97
30-Nov-15	13:10	20.53	62.22	1.00761	16.82
30-Nov-15	13:11	20.75	62.44	1.00759	16.83
30-Nov-15	13:12	20.89	61.65	1.00759	16.89
30-Nov-15	13:13	20.92	61.19	1.00753	16.88
30-Nov-15	13:14	20.63	60.72	1.00757	16.86
30-Nov-15	13:15	20.70	61.15	1.00749	16.85
30-Nov-15	13:16	20.71	61.47	1.00751	16.88
30-Nov-15	13:17	20.65	61.31	1.00745	16.89
30-Nov-15	13:18	20.77	61.47	1.00751	16.80
30-Nov-15	13:19	20.67	60.87	1.00751	16.84
30-Nov-15	13:20	20.65	60.84	1.00745	16.99
30-Nov-15	13:21	20.72	61.29	1.00746	16.84
30-Nov-15	13:22	20.72	60.59	1.00744	16.86
30-Nov-15	13:23	20.75	60.77	1.00743	16.89
30-Nov-15	13:24	20.81	60.48	1.00744	16.86
30-Nov-15	13:25	20.72	60.47	1.00746	16.87
30-Nov-15	13:26	20.76	60.93	1.00741	16.90
30-Nov-15	13:27	20.52	59.74	1.00745	16.97
30-Nov-15	13:28	20.51	60.83	1.00744	16.83
30-Nov-15	13:29	20.42	60.84	1.00745	16.88
30-Nov-15	13:30	20.55	61.63	1.00739	17.21
30-Nov-15	13:31	20.62	59.98	1.00739	16.88
30-Nov-15	13:32	20.54	60.71	1.00736	16.91
30-Nov-15	13:33	20.68	61.28	1.00738	16.88
30-Nov-15	13:34	20.70	61.04	1.00733	16.95
30-Nov-15	13:35	20.75	61.11	1.00732	16.99
30-Nov-15	13:36	20.83	61.05	1.00729	17.14
30-Nov-15	13:36	20.72	60.16	1.00730	17.03
30-Nov-15	13:38	20.81	59.99	1.00725	16.88
30-Nov-15	13:39	20.72	60.13	1.00725	16.90
30-Nov-15	13:40	20.73	59.77	1.00720	16.89
30-Nov-15	13:41	20.78	59.56	1.00720	16.87
30-Nov-15	13:42	20.76	59.65	1.00723	16.91
30-Nov-15	13:43	20.73	59.70	1.00720	16.95
30-Nov-15	13:44	20.67	59.80	1.00720	17.08
30-Nov-15	13:45	20.67	60.01	1.00721	17.05
30-Nov-15	13:46	20.71	60.21	1.00724	16.97
30-Nov-15	13:47	20.80	60.04	1.00723	16.92
30-Nov-15	13:48	20.78	60.07	1.00725	16.92
30-Nov-15	13:49	20.86	59.87	1.00724	16.94
30-Nov-15	13:50	20.89	60.10	1.00727	16.96
30-Nov-15	13:51	21.03	60.18	1.00727	16.92
30-Nov-15	13:52	20.83	60.02	1.00726	16.92
30-Nov-15	13:53	20.84	60.64	1.00727	16.92
30-Nov-15	13:54	20.91	60.71	1.00725	16.93
30-Nov-15	13:55	20.90	60.00	1.00722	17.25

Date	Time	Ambient Conditions			Inlet Cool Water Temperature °C
		Temperature °C	Humidity %	Pressure bar	
30-Nov-15	13:56	20.86	59.42	1.00722	17.33
30-Nov-15	13:57	20.89	60.00	1.00723	16.97
30-Nov-15	13:58	20.82	59.31	1.00726	16.98
30-Nov-15	13:59	20.72	59.68	1.00725	16.99
30-Nov-15	14:00	20.75	59.99	1.00728	16.94
30-Nov-15	14:01	20.74	59.78	1.00726	16.96
30-Nov-15	14:02	20.88	59.89	1.00719	16.98
30-Nov-15	14:03	20.86	59.86	1.00720	17.00
30-Nov-15	14:04	20.93	60.23	1.00717	17.21
30-Nov-15	14:05	20.85	59.96	1.00716	16.98
30-Nov-15	14:06	20.86	59.82	1.00718	16.97
30-Nov-15	14:07	20.88	60.11	1.00715	16.95
30-Nov-15	14:08	20.96	60.11	1.00720	17.16
30-Nov-15	14:09	20.81	59.61	1.00712	17.20
30-Nov-15	14:10	20.75	59.46	1.00716	17.00
30-Nov-15	14:11	20.78	59.90	1.00715	16.96
30-Nov-15	14:12	20.72	59.71	1.00711	16.94
30-Nov-15	14:13	20.70	60.11	1.00717	16.93
30-Nov-15	14:14	20.73	60.51	1.00713	16.95
30-Nov-15	14:15	20.72	60.24	1.00715	16.97
30-Nov-15	14:16	20.64	60.25	1.00717	16.90
30-Nov-15	14:17	20.66	60.28	1.00712	16.93
30-Nov-15	14:18	20.73	60.18	1.00711	16.97
30-Nov-15	14:19	20.78	60.20	1.00710	16.90
30-Nov-15	14:20	20.84	60.72	1.00706	16.96
30-Nov-15	14:21	20.78	60.25	1.00702	16.94
30-Nov-15	14:22	20.80	60.02	1.00703	16.95
30-Nov-15	14:23	20.70	59.70	1.00701	17.02
30-Nov-15	14:24	20.75	59.91	1.00701	17.00
30-Nov-15	14:25	20.85	59.62	1.00702	17.09
30-Nov-15	14:26	20.88	59.22	1.00703	16.96
30-Nov-15	14:27	20.88	59.61	1.00701	16.96
30-Nov-15	14:28	20.87	59.41	1.00697	16.91
30-Nov-15	14:29	20.77	59.65	1.00699	16.93
30-Nov-15	14:30	20.77	59.82	1.00699	16.99
30-Nov-15	14:31	20.82	60.29	1.00697	16.97
30-Nov-15	14:32	20.81	60.40	1.00697	16.92
30-Nov-15	14:33	20.73	60.03	1.00699	16.97
30-Nov-15	14:34	20.80	60.96	1.00697	16.95
30-Nov-15	14:35	20.74	60.80	1.00697	16.93
30-Nov-15	14:36	20.80	60.72	1.00702	16.93
30-Nov-15	14:37	20.85	60.86	1.00701	17.32
30-Nov-15	14:38	20.82	60.74	1.00700	16.94
30-Nov-15	14:39	20.92	61.26	1.00705	16.99
30-Nov-15	14:40	20.85	61.16	1.00705	16.91
30-Nov-15	14:41	20.85	61.37	1.00705	16.92
30-Nov-15	14:42	20.88	61.01	1.00711	16.89
30-Nov-15	14:43	20.81	60.66	1.00710	16.89
30-Nov-15	14:44	20.72	60.25	1.00712	16.92
30-Nov-15	14:45	20.71	60.73	1.00709	17.20
30-Nov-15	14:46	20.70	59.76	1.00711	16.84
30-Nov-15	14:47	20.83	59.98	1.00712	16.93
30-Nov-15	14:48	20.84	59.96	1.00709	16.85
30-Nov-15	14:49	20.81	59.44	1.00714	16.84
30-Nov-15	14:50	20.70	59.38	1.00717	16.85
30-Nov-15	14:51	20.73	59.34	1.00715	16.87
30-Nov-15	14:52	20.74	59.21	1.00717	16.88
30-Nov-15	14:53	20.69	59.77	1.00721	16.84
30-Nov-15	14:54	20.75	59.90	1.00717	16.89
30-Nov-15	14:55	20.72	60.10	1.00714	16.87
30-Nov-15	14:56	20.79	60.59	1.00712	17.07
30-Nov-15	14:57	20.80	60.61	1.00715	16.84
30-Nov-15	14:58	20.82	60.70	1.00723	16.82
30-Nov-15	14:59	20.74	60.16	1.00718	16.79
30-Nov-15	15:00	20.76	60.23	1.00721	16.78



APPENDIX D
DCS Measurements (5 seconds interval)

Norgener Power Plant Unit#1

Date Time		Gross Power	Reactive Power	Speed	Voltage Generator	Frequency Generator	Power Factor	Auxiliary Power	HP Valve Position	HP steam Pressure	HP steam Temperature	IP steam Pressure	IP steam Temperature	Flue Gas Outlet Temperature
Date	Time	MW	Mvar	rpm	kV	Hz	-	MW	%	bar(g)	°C	bar(g)	°C	°C
30-Nov-15	10:00:00	138.6	6.83	3009.1	13.35	49.95	0.999	10.21	85.67	160.1	535.7	36.42	542.6	149.0
30-Nov-15	10:00:05	138.8	7.52	3006.0	13.35	49.95	0.999	10.21	84.29	160.0	535.7	36.42	542.6	149.0
30-Nov-15	10:00:10	138.5	8.38	3000.1	13.35	49.84	0.998	10.09	85.88	159.8	535.7	36.42	542.6	149.0
30-Nov-15	10:00:15	138.5	11.04	2998.9	13.35	49.84	0.997	10.23	84.17	159.8	535.7	36.42	542.6	149.0
30-Nov-15	10:00:20	138.5	9.95	2997.9	13.35	49.84	0.997	10.23	86.46	159.8	535.7	36.42	542.6	149.0
30-Nov-15	10:00:25	138.1	10.52	2997.0	13.35	49.84	0.997	10.23	85.88	160.0	535.7	36.42	542.6	149.0
30-Nov-15	10:00:30	138.2	10.17	3001.7	13.35	49.84	0.997	10.23	84.10	160.1	535.7	36.42	542.6	149.0
30-Nov-15	10:00:35	138.9	6.88	3001.2	13.35	49.84	0.999	10.23	86.82	160.1	535.7	36.42	542.7	149.0
30-Nov-15	10:00:40	138.5	8.88	2998.1	13.35	49.84	0.998	10.02	85.27	160.0	535.8	36.42	542.8	149.0
30-Nov-15	10:00:45	138.4	10.19	3000.4	13.38	49.84	0.997	10.17	85.80	159.9	535.9	36.42	542.8	149.0
30-Nov-15	10:00:50	138.5	8.77	3000.4	13.34	49.84	0.998	10.17	85.89	159.7	536.0	36.42	542.8	149.0
30-Nov-15	10:00:55	138.1	9.65	2997.1	13.34	49.84	0.998	10.17	84.58	159.7	536.0	36.42	542.8	149.0
30-Nov-15	10:01:00	137.9	10.09	2998.7	13.34	49.84	0.997	10.17	86.65	159.6	536.0	36.42	542.8	149.0
30-Nov-15	10:01:05	137.9	9.28	3000.3	13.34	49.84	0.998	10.17	86.03	159.6	535.9	36.42	542.8	149.0
30-Nov-15	10:01:10	137.7	8.93	3002.0	13.34	49.84	0.998	10.17	84.22	159.4	535.8	36.31	542.7	149.0
30-Nov-15	10:01:15	138.2	7.66	3003.6	13.34	49.84	0.998	10.17	86.48	159.4	535.7	36.31	542.7	149.0
30-Nov-15	10:01:20	138.3	7.52	2997.7	13.34	49.84	0.999	10.17	84.90	159.5	535.6	36.31	542.6	149.0
30-Nov-15	10:01:25	138.3	10.30	2995.7	13.34	49.74	0.997	10.29	85.04	159.7	535.5	36.31	542.6	149.0
30-Nov-15	10:01:30	138.2	10.80	2996.0	13.34	49.74	0.997	10.15	86.83	159.7	535.5	36.31	542.6	149.0
30-Nov-15	10:01:35	138.1	10.02	2996.1	13.34	49.74	0.997	10.15	84.26	159.7	535.5	36.31	542.6	149.0
30-Nov-15	10:01:40	138.1	10.34	2998.5	13.34	49.74	0.997	10.15	87.54	159.7	535.5	36.31	542.7	149.0
30-Nov-15	10:01:45	137.8	10.23	3001.2	13.34	49.84	0.997	10.15	85.70	159.7	535.6	36.31	542.8	149.0
30-Nov-15	10:01:50	138.3	7.68	3002.7	13.34	49.84	0.998	10.15	84.06	159.7	535.7	36.31	542.8	149.0
30-Nov-15	10:01:55	138.1	8.78	3001.9	13.34	49.84	0.998	10.07	87.23	159.5	535.7	36.31	543.0	149.0
30-Nov-15	10:02:00	138.2	9.03	3002.6	13.34	49.84	0.998	10.20	85.74	159.5	535.8	36.31	543.0	149.0
30-Nov-15	10:02:05	138.4	8.60	3001.6	13.34	49.84	0.998	10.20	84.00	159.6	535.8	36.31	543.0	149.0
30-Nov-15	10:02:10	138.6	9.12	2998.6	13.34	49.84	0.998	10.20	86.62	159.6	535.8	36.31	543.0	149.0
30-Nov-15	10:02:15	138.1	11.96	2996.3	13.34	49.84	0.996	10.09	84.81	159.6	535.8	36.31	543.1	149.0
30-Nov-15	10:02:20	137.9	9.90	2998.5	13.34	49.84	0.997	10.09	84.52	159.6	536.0	36.31	543.1	149.0
30-Nov-15	10:02:25	138.1	9.58	2999.8	13.34	49.84	0.998	10.09	86.41	159.5	536.0	36.31	543.1	149.0
30-Nov-15	10:02:30	137.9	9.11	2999.5	13.34	49.84	0.998	10.09	84.47	159.4	536.0	36.31	543.1	149.0
30-Nov-15	10:02:35	137.4	10.60	3002.0	13.34	49.84	0.997	10.09	87.00	159.4	536.0	36.31	543.1	149.0
30-Nov-15	10:02:40	137.8	8.04	3007.5	13.34	49.84	0.998	10.09	86.16	159.3	535.9	36.31	543.1	149.0
30-Nov-15	10:02:45	137.9	7.59	3007.4	13.34	49.84	0.998	10.09	84.03	159.3	535.8	36.31	543.0	149.0
30-Nov-15	10:02:50	138.2	9.00	3005.0	13.34	49.84	0.998	10.09	86.18	159.4	535.7	36.31	543.0	149.0
30-Nov-15	10:02:55	137.9	10.03	3000.2	13.34	49.84	0.997	10.09	85.25	159.5	535.7	36.31	542.9	149.0
30-Nov-15	10:03:00	137.9	10.81	2998.6	13.34	49.84	0.997	10.09	84.29	159.7	535.6	36.31	542.9	149.0
30-Nov-15	10:03:05	137.7	11.41	3001.5	13.38	49.84	0.997	10.09	87.27	159.7	535.6	36.31	543.0	149.0
30-Nov-15	10:03:10	138.1	8.30	3005.0	13.38	49.84	0.998	10.09	85.75	159.7	535.7	36.31	543.1	149.0
30-Nov-15	10:03:15	138.1	8.75	3003.4	13.34	49.84	0.998	10.09	84.67	159.7	535.9	36.31	543.2	149.0
30-Nov-15	10:03:20	138.1	9.09	3001.5	13.34	49.84	0.998	10.09	86.09	159.5	536.0	36.31	543.2	149.0
30-Nov-15	10:03:25	138.4	9.67	2999.3	13.34	49.84	0.998	10.09	84.29	159.4	536.1	36.31	543.2	149.0
30-Nov-15	10:03:30	138.0	10.68	3001.6	13.34	49.84	0.998	10.09	86.65	159.3	536.1	36.31	543.2	149.0
30-Nov-15	10:03:35	137.6	10.71	2998.4	13.34	49.84	0.997	10.09	84.51	159.3	536.1	36.31	543.2	149.0
30-Nov-15	10:03:40	137.5	9.96	3001.8	13.34	49.84	0.997	10.09	86.74	159.2	536.1	36.31	543.2	149.0
30-Nov-15	10:03:45	137.7	7.80	3004.2	13.34	49.84	0.998	10.20	85.57	159.2	536.0	36.31	543.1	149.0
30-Nov-15	10:03:50	138.1	7.66	3002.8	13.34	49.84	0.998	10.20	84.14	159.2	535.9	36.31	543.0	149.0
30-Nov-15	10:03:55	138.0	9.79	2999.7	13.34	49.84	0.997	10.40	86.89	159.3	535.8	36.31	543.0	149.0
30-Nov-15	10:04:00	137.9	10.79	2997.1	13.34	49.84	0.997	10.19	84.90	159.5	535.7	36.31	543.0	149.0
30-Nov-15	10:04:05	138.1	10.72	2995.5	13.34	49.74	0.997	10.19	86.38	159.5	535.7	36.31	543.0	149.0
30-Nov-15	10:04:10	137.8	10.92	2996.6	13.34	49.74	0.997	9.93	86.93	159.5	535.7	36.31	543.1	149.0
30-Nov-15	10:04:15	137.9	9.02	3000.2	13.34	49.74	0.998	10.16	85.25	159.4	535.9	36.31	543.2	149.0
30-Nov-15	10:04:20	138.1	9.23	2999.4	13.34	49.74	0.998	10.16	85.25	159.4	536.0	36.31	543.2	149.0
30-Nov-15	10:04:25	137.8	10.47	2999.8	13.34	49.74	0.997	10.16	85.86	159.3	536.1	36.31	543.2	149.0
30-Nov-15	10:04:30	138.1	8.72	2998.7	13.34	49.74	0.998	10.16	84.09	159.3	536.1	36.31	543.2	149.0
30-Nov-15	10:04:35	138.2	10.28	2997.7	13.34	49.74	0.997	10.16	86.83	159.3	536.1	36.31	543.2	149.0
30-Nov-15	10:04:40	138.2	9.17	2994.9	13.34	49.74	0.998	10.16	84.26	159.2	536.1	36.31	543.2	149.0
30-Nov-15	10:04:45	137.1	15.25	2998.3	13.46	49.74	0.994	10.16	87.85	159.2	536.0	36.31	543.2	149.0
30-Nov-15	10:04:50	138.6	6.41	3002.7	13.34	49.84	0.998	10.26	86.35	159.2	536.0	36.31	543.2	149.0
30-Nov-15	10:04:55	137.6	30.04	3001.6	13.34	49.84	0.998	10.26	84.21	159.4	535.9	36.31	543.2	149.0
30-Nov-15	10:05:00	138.4	6.83	3005.3	13.34	49.84	0.999	10.15	86.58	159.7	535.9	36.31	543.2	149.0
30-Nov-15	10:05:05	138.5	7.63	3001.1	13.34	49.84	0.998	10.15	84.31	159.7	535.9	36.31	543.2	149.0
30-Nov-15	10:05:10	138.1	10.46	2999.3	13.34	49.84	0.997	10.15	86.84	159.7	536.0	36.31	543.4	149.0
30-Nov-15	10:05:15	138.1	9.23	3001.0	13.34	49.84	0.998	10.15	85.14	159.7	536.1	36.31	543.6	149.0
30-Nov-15	10:05:20	138.0	7.39	3001.1	13.34	49.84	0.999	10.15	84.20	159.7	536.3	36.31	543.6	149.0
30-Nov-15	10:05:25	138.0	9.36	3002.6	13.34	49.84	0.998	10.15	86.66	159.5	536.4	36.31	543.7	149.0
30-Nov-15	10:05:30	138.3	7.94	3003.4	13.34	49.84	0.998	10.15	84.61	159.4	536.4	36.31	543.7	149.0
30-Nov-15	10:05:35	138.4	7.68	3000.3	13.34	49.84	0.998	10.15	85.89	159.4	536.4	36.31	543.7	149.0
30-Nov-15	10:05:40	138.1	9.00	2997.6	13.34	49.84	0.998	10.15	86.22	159.4	536.4	36.31	543.7	149.0
30-Nov-15	10:05:45	138.2	8.72	2998.0	13.34	49.84	0.998	10.15	84.14	159.4	536.4	36.31	543.7	149.1
30-Nov-15	10:05:50	138.0	8.29	2998.5	13.34	49.84	0.998	10.15	87.17	159.6	536.4	36.31	543.7	149.1
30-Nov-15	10:05:55	138.0	8.00	3001.8	13.34	49.84	0.998	10.15	85.62	159.7	536.4	36.31	543.7	149.1
30-Nov-15	10:06:00	138.2	6.96	3005.3	13.34	49.84	0.999	10.15	84.15	159.7	536.4	36.31	543.8	149.1
30-Nov-15	10:06:05	138.6	5.88	3006.2	13.34	49.84	0.999	10.15	86.61	159.7	536.5	36.31	543.9	149.1
30-Nov-15	10:06:10	138.6	6.04	3003.3	13.34	49.84	0.998	9.97	84.23	159.6	536.6	36.31	544.0	149.1
30-Nov-15	10:06:15	138.6	7.65	3000.8	13.34	49.84	0.998	10.26	84.2					

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	10:09:50	138.9	8.61	2997.7	13.42	49.84	0.998	10.25	84.31	159.9	536.5	36.44	543.9	149.3
30-Nov-15	10:09:55	138.5	9.84	2999.8	13.42	49.84	0.997	10.25	86.80	159.9	536.6	36.44	544.1	149.3
30-Nov-15	10:10:00	138.7	6.38	2999.4	13.31	49.84	0.999	10.25	84.47	160.1	536.8	36.44	544.3	149.3
30-Nov-15	10:10:05	138.9	8.94	3000.9	13.42	49.84	0.998	10.25	86.29	160.1	537.0	36.44	544.3	149.3
30-Nov-15	10:10:10	139.1	6.01	3001.2	13.42	49.84	0.999	10.25	85.26	160.1	537.1	36.44	544.4	149.3
30-Nov-15	10:10:15	139.4	7.61	2997.2	13.31	49.84	0.999	10.25	84.52	160.1	537.1	36.44	544.4	149.3
30-Nov-15	10:10:20	138.7	10.96	2992.1	13.43	49.73	0.997	10.14	85.82	160.2	537.2	36.56	544.4	149.3
30-Nov-15	10:10:25	138.7	9.85	2997.7	13.43	49.73	0.997	10.14	84.32	160.4	537.2	36.56	544.5	149.3
30-Nov-15	10:10:30	139.0	4.52	3002.5	13.33	49.83	0.999	10.25	86.37	160.4	537.3	36.56	544.6	149.3
30-Nov-15	10:10:35	139.2	5.67	3002.5	13.33	49.83	0.999	10.25	84.24	160.3	537.5	36.56	544.7	149.3
30-Nov-15	10:10:40	139.2	6.31	3000.3	13.33	49.83	0.999	10.11	86.17	160.3	537.6	36.56	544.8	149.3
30-Nov-15	10:10:45	139.3	7.24	2996.3	13.33	49.73	0.999	10.11	83.92	160.2	537.7	36.56	544.8	149.3
30-Nov-15	10:10:50	138.4	11.03	2995.2	13.45	49.73	0.997	10.11	87.03	160.0	537.7	36.56	544.8	149.3
30-Nov-15	10:10:55	138.6	8.20	3000.9	13.45	49.84	0.998	10.11	86.51	160.0	537.7	36.56	544.8	149.3
30-Nov-15	10:11:00	139.2	6.06	3003.4	13.34	49.84	0.999	10.11	84.46	160.2	537.6	36.56	544.8	149.3
30-Nov-15	10:11:05	139.3	5.97	3001.3	13.34	49.84	0.999	10.11	85.87	160.3	537.6	36.56	544.8	149.3
30-Nov-15	10:11:10	139.4	7.34	2999.3	13.34	49.84	0.999	10.11	85.10	160.2	537.6	36.56	544.8	149.3
30-Nov-15	10:11:15	138.7	9.02	2996.4	13.34	49.84	0.998	10.11	85.34	160.1	537.6	36.56	544.8	149.3
30-Nov-15	10:11:20	138.9	8.23	2996.1	13.34	49.84	0.998	10.11	86.57	159.9	537.5	36.56	544.8	149.3
30-Nov-15	10:11:25	138.5	8.73	2996.6	13.34	49.84	0.998	10.11	84.98	159.9	537.4	36.56	544.8	149.3
30-Nov-15	10:11:30	138.6	7.84	3000.0	13.34	49.84	0.998	10.11	84.90	159.8	537.3	36.56	544.7	149.3
30-Nov-15	10:11:35	138.8	5.93	3001.0	13.34	49.84	0.999	10.11	86.72	159.7	537.2	36.56	544.6	149.3
30-Nov-15	10:11:40	138.9	7.05	3000.8	13.34	49.84	0.999	10.11	84.54	159.7	537.1	36.56	544.5	149.3
30-Nov-15	10:11:45	138.8	6.89	2997.7	13.34	49.84	0.999	10.30	85.55	159.9	536.9	36.56	544.4	149.3
30-Nov-15	10:11:50	138.9	8.75	2998.4	13.34	49.84	0.998	10.18	86.58	160.0	536.8	36.56	544.3	149.3
30-Nov-15	10:11:55	138.9	7.37	2997.7	13.34	49.84	0.999	10.18	84.23	160.0	536.8	36.56	544.3	149.3
30-Nov-15	10:12:00	139.0	8.41	2997.6	13.34	49.84	0.998	10.03	86.60	160.0	536.8	36.56	544.4	149.3
30-Nov-15	10:12:05	138.9	8.78	2997.7	13.34	49.84	0.998	10.15	84.53	159.9	536.8	36.56	544.4	149.3
30-Nov-15	10:12:10	138.5	8.41	2997.7	13.34	49.84	0.998	10.15	85.65	159.8	536.8	36.56	544.4	149.3
30-Nov-15	10:12:15	138.7	6.98	2999.2	13.34	49.84	0.999	10.15	86.52	159.8	536.8	36.56	544.4	149.3
30-Nov-15	10:12:20	138.5	8.14	3002.5	13.34	49.84	0.998	10.15	84.97	159.8	536.7	36.56	544.4	149.3
30-Nov-15	10:12:25	139.1	5.32	3001.4	13.34	49.84	0.999	10.15	85.11	159.7	536.7	36.56	544.3	149.3
30-Nov-15	10:12:30	138.4	10.00	2997.8	13.34	49.84	0.997	10.15	85.61	159.7	536.6	36.56	544.3	149.3
30-Nov-15	10:12:35	138.3	8.46	3003.0	13.46	49.84	0.998	10.27	84.03	159.8	536.5	36.56	544.1	149.3
30-Nov-15	10:12:40	138.6	6.71	3005.7	13.36	49.84	0.999	10.27	86.74	160.0	536.4	36.56	544.1	149.3
30-Nov-15	10:12:45	139.1	6.55	3006.1	13.36	49.84	0.999	10.27	84.65	160.1	536.4	36.56	544.1	149.3
30-Nov-15	10:12:50	139.1	6.64	3003.2	13.36	49.84	0.999	10.27	84.47	160.1	536.4	36.56	544.1	149.3
30-Nov-15	10:12:55	138.9	8.99	2999.4	13.36	49.84	0.998	10.27	86.69	160.0	536.5	36.56	544.3	149.3
30-Nov-15	10:13:00	139.0	7.69	2996.8	13.36	49.84	0.998	10.27	84.30	160.0	536.6	36.56	544.4	149.3
30-Nov-15	10:13:05	138.7	9.24	2996.0	13.36	49.84	0.998	10.27	86.41	159.9	536.7	36.56	544.4	149.3
30-Nov-15	10:13:10	138.7	8.42	2998.4	13.36	49.84	0.998	10.27	85.88	159.9	536.7	36.56	544.4	149.3
30-Nov-15	10:13:15	138.4	7.86	3002.4	13.36	49.84	0.998	10.27	84.21	159.9	536.7	36.56	544.4	149.3
30-Nov-15	10:13:20	138.6	7.44	3007.2	13.36	49.84	0.999	10.27	86.90	159.9	536.7	36.56	544.4	149.3
30-Nov-15	10:13:25	139.3	4.75	3006.5	13.36	49.94	0.999	10.27	84.63	160.0	536.7	36.56	544.4	149.3
30-Nov-15	10:13:30	138.8	9.01	2999.7	13.36	49.84	0.998	10.27	84.80	160.0	536.7	36.56	544.4	149.3
30-Nov-15	10:13:35	138.6	9.86	3000.0	13.36	49.84	0.997	9.85	85.62	160.0	536.7	36.56	544.4	149.3
30-Nov-15	10:13:40	139.2	8.24	3000.1	13.36	49.84	0.998	9.98	83.99	160.0	536.7	36.56	544.4	149.3
30-Nov-15	10:13:45	138.7	8.86	2997.7	13.36	49.84	0.998	10.08	86.22	159.9	536.8	36.56	544.4	149.3
30-Nov-15	10:13:50	138.0	9.45	3000.1	13.36	49.84	0.998	10.08	86.45	159.9	536.8	36.56	544.4	149.3
30-Nov-15	10:13:55	138.3	7.69	3006.4	13.36	49.84	0.998	10.08	84.55	159.9	536.8	36.56	544.4	149.3
30-Nov-15	10:14:00	139.0	5.80	3006.5	13.36	49.84	0.999	10.08	85.94	159.9	536.7	36.56	544.4	149.3
30-Nov-15	10:14:05	138.7	8.17	3000.3	13.36	49.84	0.998	10.08	84.80	159.9	536.7	36.56	544.3	149.3
30-Nov-15	10:14:10	138.4	9.41	2998.4	13.36	49.84	0.998	10.08	84.29	159.8	536.6	36.56	544.3	149.3
30-Nov-15	10:14:15	138.5	9.92	3000.5	13.36	49.84	0.997	9.98	86.75	159.8	536.5	36.56	544.2	149.3
30-Nov-15	10:14:20	138.6	6.54	3000.0	13.36	49.84	0.999	9.98	84.83	159.7	536.5	36.56	544.1	149.3
30-Nov-15	10:14:25	138.5	9.12	3002.4	13.36	49.84	0.998	10.36	84.50	159.7	536.4	36.56	544.1	149.3
30-Nov-15	10:14:30	138.7	7.48	3003.4	13.36	49.84	0.999	10.23	86.64	159.9	536.3	36.56	543.9	149.3
30-Nov-15	10:14:35	138.7	7.73	3002.3	13.36	49.84	0.998	10.13	84.69	160.2	536.3	36.56	543.9	149.3
30-Nov-15	10:14:40	138.7	8.45	3003.6	13.36	49.84	0.998	10.13	85.26	160.3	536.3	36.56	543.9	149.3
30-Nov-15	10:14:45	138.8	9.30	3001.1	13.36	49.84	0.998	10.13	85.63	160.4	536.4	36.56	544.1	149.3
30-Nov-15	10:14:50	139.0	8.20	3003.8	13.36	49.84	0.998	10.13	83.95	160.4	536.6	36.56	544.3	149.3
30-Nov-15	10:14:55	139.0	7.01	3003.2	13.36	49.84	0.999	10.13	86.85	160.3	536.8	36.56	544.4	149.3
30-Nov-15	10:15:00	138.9	8.30	3001.6	13.36	49.84	0.998	10.13	84.55	160.3	537.0	36.56	544.4	149.3
30-Nov-15	10:15:05	138.7	8.08	3000.1	13.36	49.84	0.998	10.13	86.12	160.2	537.1	36.56	544.4	149.3
30-Nov-15	10:15:10	138.6	9.60	3001.4	13.36	49.84	0.998	10.13	85.32	160.1	537.1	36.56	544.4	149.3
30-Nov-15	10:15:15	138.6	7.93	3002.4	13.36	49.84	0.998	10.24	84.43	160.1	537.1	36.56	544.4	149.3
30-Nov-15	10:15:20	139.2	6.86	3002.4	13.36	49.84	0.999	10.24	86.40	160.1	537.1	36.56	544.4	149.3
30-Nov-15	10:15:25	139.0	7.90	3003.2	13.36	49.84	0.998	10.24	84.67	160.2	537.1	36.56	544.4	149.3
30-Nov-15	10:15:30	139.3	7.39	3003.2	13.36	49.84	0.999	10.24	85.61	160.4	537.0	36.56	544.3	149.3
30-Nov-15	10:15:35	139.0	8.66	3003.2	13.36	49.84	0.998	10.24	85.90	160.5	537.0	36.56	544.3	149.3
30-Nov-15	10:15:40	139.1	7.70	3006.5	13.36	49.84	0.998	10.24	84.03	160.5	537.1	36.56	544.4	149.3
30-Nov-15	10:15:45	139.0	7.14	3006.9	13.36	49.84	0.999	10.37	86.32	160.5	537.2	36.56	544.5	149.3
30-Nov-15	10:15:50	139.0	7.49	3008.6	13.36	49.95	0.999	10.37	84.23	160.5	537.2	36.56	544.5	149.3
30-Nov-15	10:15:55	139.1	6.00	3009.3	13.36	49.95	0.999	10.37	85.77	160.4	537.3	36.56	544.5	149.3
30-Nov-15	10:16:00	139.6	6.39	3009.6	13.36	49.95	0.999	10.37	84.79	160.4	537.3	36.56	544.5	149.3
30-Nov-15	10:16:05	138.7	9.62	3000.0	13.36	49.86	0.998	10.37	85.96	160.4	537.3	36.56	544.5	149.3
30-Nov-15	10:16:10	138.9	9.23	3003.0	13									

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	10:19:40	138.9	7.80	3001.4	13.36	49.83	0.998	10.20	85.59	160.3	536.4	36.56	543.5	149.4
30-Nov-15	10:19:45	138.7	8.38	3001.6	13.36	49.83	0.998	10.20	84.63	160.4	536.4	36.56	543.6	149.4
30-Nov-15	10:19:50	139.1	7.95	3000.0	13.36	49.83	0.998	10.20	85.85	160.4	536.4	36.56	543.8	149.4
30-Nov-15	10:19:55	138.7	9.06	3001.6	13.36	49.83	0.998	9.99	84.43	160.2	536.6	36.56	543.9	149.4
30-Nov-15	10:20:00	138.7	7.51	3003.8	13.36	49.83	0.999	10.10	86.52	160.1	536.6	36.56	543.9	149.4
30-Nov-15	10:20:05	138.7	6.65	3004.5	13.36	49.83	0.999	10.10	84.59	160.1	536.7	36.56	543.9	149.4
30-Nov-15	10:20:10	139.1	6.32	3006.2	13.36	49.83	0.999	10.10	84.92	160.1	536.7	36.56	543.9	149.4
30-Nov-15	10:20:15	138.0	7.38	3003.1	13.36	49.83	0.999	10.10	85.81	160.0	536.7	36.56	543.9	149.4
30-Nov-15	10:20:20	138.6	8.55	3000.7	13.36	49.83	0.998	10.10	83.98	160.0	536.7	36.56	543.9	149.4
30-Nov-15	10:20:25	138.6	7.98	3002.4	13.36	49.83	0.998	10.10	86.45	159.9	536.6	36.56	543.8	149.4
30-Nov-15	10:20:30	138.8	6.45	3000.6	13.36	49.83	0.999	10.42	84.09	160.0	536.5	36.56	543.8	149.4
30-Nov-15	10:20:35	139.3	7.97	2998.3	13.36	49.83	0.998	10.19	85.95	160.2	536.5	36.56	543.7	149.4
30-Nov-15	10:20:40	139.0	9.35	2995.2	13.36	49.83	0.998	10.19	84.33	160.4	536.4	36.56	543.7	149.4
30-Nov-15	10:20:45	138.8	9.91	2995.9	13.36	49.83	0.997	10.19	86.43	160.4	536.4	36.56	543.7	149.4
30-Nov-15	10:20:50	139.2	8.45	2997.5	13.36	49.83	0.998	10.19	85.04	160.4	536.4	36.56	543.8	149.4
30-Nov-15	10:20:55	139.0	8.98	3000.4	13.36	49.83	0.998	10.29	84.86	160.4	536.6	36.56	543.9	149.4
30-Nov-15	10:21:00	138.9	7.46	3000.7	13.36	49.83	0.999	10.29	86.05	160.3	536.6	36.56	543.9	149.4
30-Nov-15	10:21:05	139.0	8.56	3001.4	13.36	49.83	0.998	10.29	84.45	160.3	536.8	36.56	543.9	149.4
30-Nov-15	10:21:10	139.5	6.95	3000.3	13.36	49.83	0.999	10.29	85.42	160.4	536.8	36.56	543.9	149.4
30-Nov-15	10:21:15	139.3	10.08	2998.0	13.36	49.83	0.997	10.29	85.07	160.5	536.8	36.56	543.9	149.4
30-Nov-15	10:21:20	139.1	9.32	3000.4	13.36	49.83	0.998	10.29	85.12	160.5	536.8	36.66	543.9	149.4
30-Nov-15	10:21:25	139.3	7.38	3003.8	13.36	49.83	0.999	10.29	85.88	160.5	536.9	36.66	544.0	149.4
30-Nov-15	10:21:30	139.4	6.27	3001.2	13.36	49.83	0.999	10.12	84.40	160.5	536.9	36.66	544.1	149.4
30-Nov-15	10:21:35	139.3	8.71	3000.7	13.36	49.83	0.998	10.12	86.39	160.5	537.0	36.66	544.1	149.4
30-Nov-15	10:21:40	139.0	7.21	2999.4	13.36	49.83	0.999	10.23	84.66	160.4	537.0	36.66	544.1	149.4
30-Nov-15	10:21:45	139.2	10.54	2993.5	13.36	49.72	0.997	10.23	85.61	160.4	537.0	36.66	544.1	149.4
30-Nov-15	10:21:50	138.2	12.79	3001.7	13.50	49.83	0.996	10.23	86.67	160.3	536.9	36.66	544.0	149.4
30-Nov-15	10:21:55	139.2	3.32	3004.0	13.35	49.83	1.000	10.23	84.27	160.3	536.9	36.66	544.0	149.4
30-Nov-15	10:22:00	139.4	7.25	3001.4	13.35	49.83	0.999	10.34	86.03	160.3	536.8	36.66	543.9	149.4
30-Nov-15	10:22:05	138.9	8.89	3002.3	13.35	49.83	0.998	10.23	85.14	160.6	536.6	36.66	543.8	149.4
30-Nov-15	10:22:10	139.3	6.14	3003.9	13.35	49.83	0.999	10.23	84.20	160.7	536.5	36.66	543.8	149.4
30-Nov-15	10:22:15	139.5	7.45	3004.7	13.35	49.83	0.999	10.23	86.57	160.7	536.5	36.66	543.8	149.4
30-Nov-15	10:22:20	139.3	6.79	3004.0	13.35	49.83	0.999	10.23	83.72	160.7	536.5	36.66	543.8	149.4
30-Nov-15	10:22:25	139.0	7.57	3003.2	13.35	49.83	0.999	10.23	86.16	160.6	536.6	36.66	543.9	149.4
30-Nov-15	10:22:30	139.4	6.64	3003.1	13.35	49.83	0.999	10.05	83.99	160.5	536.7	36.66	543.9	149.4
30-Nov-15	10:22:35	139.7	7.34	2999.3	13.35	49.83	0.999	10.16	85.79	160.5	536.7	36.66	543.9	149.4
30-Nov-15	10:22:40	139.1	10.54	2995.9	13.35	49.83	0.997	10.16	85.69	160.4	536.7	36.66	543.9	149.4
30-Nov-15	10:22:45	138.8	10.38	2998.3	13.35	49.83	0.997	10.16	84.25	160.4	536.7	36.66	543.9	149.4
30-Nov-15	10:22:50	139.0	7.22	3001.2	13.35	49.83	0.999	10.16	85.85	160.4	536.6	36.66	543.7	149.4
30-Nov-15	10:22:55	139.0	7.32	3002.2	13.35	49.83	0.999	10.36	85.51	160.4	536.5	36.66	543.6	149.4
30-Nov-15	10:23:00	139.2	7.59	3003.1	13.35	49.83	0.999	10.17	84.52	160.6	536.5	36.66	543.6	149.4
30-Nov-15	10:23:05	139.5	7.18	3003.8	13.35	49.83	0.999	10.17	85.61	160.4	536.4	36.66	543.6	149.4
30-Nov-15	10:23:10	139.6	7.85	3001.4	13.35	49.83	0.998	10.17	83.94	160.6	536.4	36.66	543.6	149.4
30-Nov-15	10:23:15	139.3	9.27	2999.3	13.35	49.83	0.998	10.17	86.33	160.5	536.5	36.66	543.6	149.4
30-Nov-15	10:23:20	139.1	9.39	2999.0	13.35	49.83	0.998	10.17	83.95	160.5	536.5	36.66	543.6	149.4
30-Nov-15	10:23:25	138.9	8.92	2999.8	13.35	49.83	0.998	10.17	86.90	160.4	536.5	36.66	543.6	149.4
30-Nov-15	10:23:30	138.6	8.32	3003.0	13.35	49.83	0.998	10.17	85.34	160.4	536.5	36.66	543.6	149.4
30-Nov-15	10:23:35	139.0	6.36	3005.4	13.35	49.83	0.999	10.17	83.88	160.3	536.5	36.66	543.6	149.4
30-Nov-15	10:23:40	139.5	6.36	3002.2	13.35	49.83	0.999	10.17	86.22	160.3	536.4	36.66	543.5	149.4
30-Nov-15	10:23:45	138.9	9.87	2997.6	13.35	49.83	0.997	10.17	84.17	160.3	536.3	36.66	543.4	149.4
30-Nov-15	10:23:50	138.9	9.00	2996.6	13.35	49.83	0.998	10.17	86.39	160.3	536.2	36.66	543.3	149.4
30-Nov-15	10:23:55	138.8	9.78	2996.9	13.35	49.83	0.998	10.17	85.37	160.4	536.1	36.66	543.3	149.4
30-Nov-15	10:24:00	138.9	8.85	3000.4	13.35	49.83	0.998	10.28	84.22	160.5	536.0	36.66	543.2	149.4
30-Nov-15	10:24:05	138.9	7.34	3000.6	13.35	49.83	0.999	10.28	86.11	160.6	536.0	36.66	543.2	149.6
30-Nov-15	10:24:10	138.7	8.19	3002.2	13.35	49.83	0.998	10.28	85.42	160.6	536.1	36.66	543.3	149.6
30-Nov-15	10:24:15	139.1	7.05	3003.0	13.35	49.83	0.999	10.01	84.08	160.5	536.2	36.66	543.4	149.6
30-Nov-15	10:24:20	139.0	8.39	3003.0	13.35	49.83	0.998	10.25	86.46	160.4	536.3	36.66	543.4	149.6
30-Nov-15	10:24:25	139.2	7.56	3003.2	13.35	49.83	0.999	10.25	84.24	160.4	536.3	36.66	543.4	149.6
30-Nov-15	10:24:30	138.6	8.36	3003.5	13.35	49.83	0.999	10.31	86.31	160.3	536.3	36.66	543.4	149.6
30-Nov-15	10:24:35	139.1	7.20	3000.7	13.35	49.83	0.999	10.25	83.88	160.3	536.2	36.66	543.4	149.6
30-Nov-15	10:24:40	138.8	9.99	2998.3	13.35	49.83	0.997	10.51	86.57	160.4	536.3	36.66	543.4	149.6
30-Nov-15	10:24:45	138.8	9.31	3001.5	13.35	49.83	0.998	10.37	84.49	160.4	536.3	36.66	543.4	149.6
30-Nov-15	10:24:50	138.8	7.91	3005.6	13.35	49.83	0.998	10.37	86.17	160.4	536.3	36.66	543.4	149.6
30-Nov-15	10:24:55	139.3	6.40	3006.2	13.35	49.93	0.999	10.25	85.22	160.3	536.3	36.66	543.4	149.6
30-Nov-15	10:25:00	139.3	8.23	3001.9	13.35	49.93	0.998	10.25	84.86	160.3	536.3	36.66	543.4	149.6
30-Nov-15	10:25:05	139.0	9.97	2998.3	13.35	49.83	0.997	10.25	85.27	160.1	536.3	36.66	543.4	149.6
30-Nov-15	10:25:10	138.6	9.65	2997.5	13.35	49.83	0.998	9.88	85.07	160.1	536.2	36.66	543.3	149.6
30-Nov-15	10:25:15	138.6	9.46	2998.3	13.35	49.83	0.998	10.01	86.66	160.0	536.1	36.55	543.2	149.6
30-Nov-15	10:25:20	138.7	9.81	3001.6	13.35	49.83	0.998	10.13	84.66	160.0	535.9	36.55	543.1	149.6
30-Nov-15	10:25:25	139.0	7.70	3003.8	13.35	49.83	0.998	10.13	84.90	160.1	535.8	36.55	543.0	149.6
30-Nov-15	10:25:30	139.0	7.88	3001.4	13.35	49.83	0.998	10.40	85.72	160.4	535.8	36.55	543.0	149.6
30-Nov-15	10:25:35	138.5	10.85	3003.9	13.46	49.83	0.997	10.29	84.30	160.4	535.8	36.55	543.0	149.6
30-Nov-15	10:25:40	139.2	5.92	3008.6	13.34	49.93	0.999	10.18	86.02	160.4	535.8	36.55	543.0	149.6
30-Nov-15	10:25:45	139.5	6.15	3004.8	13.34	49.93	0.999	9.89	84.19	160.4	536.0	36.55	543.1	149.6
30-Nov-15	10:25:50	139.0	8.94	3001.1	13.34	49.93	0.997	10.14	85.93	160.3	536.1	36.55	543.2	149.6
30-Nov-15	10:25:55	138.9	9.39	3003.3	13.34	49.93	0.998	10.14	85.90	160.4	536.1	36.55	543.2	149.6
30-Nov-15														

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	10:29:30	138.3	8.64	3003.0	13.44	49.82	0.998	10.14	84.72	159.7	536.2	36.55	543.1	149.7
30-Nov-15	10:29:35	139.0	8.24	3005.4	13.34	49.82	0.998	10.14	84.97	160.0	536.0	36.55	543.1	149.7
30-Nov-15	10:29:40	139.2	8.39	3002.9	13.34	49.82	0.998	10.28	86.01	160.0	535.9	36.55	543.0	149.7
30-Nov-15	10:29:45	138.9	9.70	2999.0	13.34	49.82	0.998	10.18	84.91	160.1	535.9	36.55	543.0	149.7
30-Nov-15	10:29:50	138.8	9.68	2998.2	13.34	49.82	0.998	10.18	86.44	160.0	536.0	36.55	543.1	149.7
30-Nov-15	10:29:55	138.8	9.75	2998.1	13.34	49.82	0.998	10.18	84.59	160.0	536.0	36.55	543.1	149.7
30-Nov-15	10:30:00	138.7	9.86	2999.8	13.34	49.82	0.997	10.07	86.74	159.8	536.1	36.55	543.1	149.7
30-Nov-15	10:30:05	138.6	9.10	2999.9	13.34	49.82	0.998	10.19	85.72	159.8	536.1	36.55	543.1	149.7
30-Nov-15	10:30:10	138.6	8.88	3001.4	13.34	49.82	0.998	10.19	84.27	159.7	536.1	36.55	543.1	149.7
30-Nov-15	10:30:15	138.7	8.43	3001.4	13.34	49.82	0.998	10.19	85.91	159.7	536.1	36.55	543.1	149.7
30-Nov-15	10:30:20	138.7	8.93	3002.7	13.34	49.82	0.998	10.19	86.18	159.8	536.1	36.55	543.1	149.7
30-Nov-15	10:30:25	138.6	8.36	3003.0	13.34	49.82	0.998	10.33	84.36	160.0	536.1	36.55	543.1	149.7
30-Nov-15	10:30:30	139.1	9.29	3003.0	13.34	49.82	0.998	10.22	85.84	160.0	536.1	36.55	543.1	149.7
30-Nov-15	10:30:35	139.0	9.56	3001.4	13.34	49.82	0.998	10.22	85.25	160.0	536.3	36.55	543.2	149.7
30-Nov-15	10:30:40	138.9	9.12	2999.4	13.34	49.82	0.998	9.91	84.39	160.0	536.4	36.55	543.3	149.7
30-Nov-15	10:30:45	138.6	9.86	2995.2	13.34	49.82	0.997	10.02	86.20	159.9	536.4	36.55	543.3	149.7
30-Nov-15	10:30:50	138.7	10.92	2996.5	13.34	49.82	0.997	10.02	84.17	159.7	536.5	36.55	543.3	149.7
30-Nov-15	10:30:55	138.3	9.89	2998.0	13.34	49.82	0.997	10.02	86.66	159.7	536.5	36.55	543.3	149.7
30-Nov-15	10:31:00	138.3	9.34	3001.3	13.34	49.82	0.998	10.02	85.28	159.6	536.5	36.55	543.3	149.7
30-Nov-15	10:31:05	138.4	7.29	3002.1	13.34	49.82	0.999	10.02	84.19	159.6	536.5	36.55	543.3	149.7
30-Nov-15	10:31:10	138.4	8.53	3003.0	13.34	49.82	0.998	10.02	86.80	159.6	536.4	36.55	543.2	149.7
30-Nov-15	10:31:15	138.8	8.41	3002.4	13.34	49.82	0.998	10.28	84.08	159.8	536.3	36.55	543.2	149.7
30-Nov-15	10:31:20	138.9	8.41	3000.3	13.34	49.82	0.998	10.18	86.40	159.9	536.2	36.55	543.1	149.7
30-Nov-15	10:31:25	139.1	10.21	2998.9	13.34	49.82	0.997	10.06	84.85	160.0	536.2	36.55	543.1	149.7
30-Nov-15	10:31:30	139.0	10.08	2996.4	13.34	49.82	0.997	10.06	86.28	160.0	536.2	36.55	543.2	149.7
30-Nov-15	10:31:35	138.6	10.74	2994.1	13.34	49.82	0.997	9.78	85.26	160.0	536.3	36.55	543.3	149.7
30-Nov-15	10:31:40	138.3	11.41	2999.6	13.45	49.82	0.997	9.91	85.10	159.9	536.4	36.55	543.4	149.8
30-Nov-15	10:31:45	138.8	7.65	3004.5	13.34	49.82	0.998	10.03	86.70	159.8	536.5	36.55	543.4	149.8
30-Nov-15	10:31:50	139.2	7.13	3001.5	13.34	49.82	0.999	10.03	84.73	159.8	536.5	36.55	543.4	149.8
30-Nov-15	10:31:55	138.6	10.40	2998.1	13.34	49.82	0.997	10.03	86.50	159.7	536.5	36.55	543.4	149.8
30-Nov-15	10:32:00	138.5	10.06	3000.6	13.34	49.82	0.997	10.18	85.88	159.7	536.5	36.55	543.3	149.8
30-Nov-15	10:32:05	138.3	9.36	3001.4	13.34	49.82	0.998	10.18	84.16	159.6	536.5	36.55	543.2	149.8
30-Nov-15	10:32:10	138.5	7.82	2999.4	13.34	49.82	0.998	10.08	86.65	159.6	536.4	36.55	543.2	149.8
30-Nov-15	10:32:15	138.4	10.30	2996.5	13.34	49.82	0.997	10.08	84.37	159.7	536.3	36.55	543.1	149.8
30-Nov-15	10:32:20	138.2	11.62	2998.1	13.34	49.82	0.996	10.08	86.42	160.0	536.2	36.55	543.1	149.8
30-Nov-15	10:32:25	138.6	8.56	3001.5	13.34	49.82	0.998	10.18	85.55	160.1	536.2	36.55	543.1	149.8
30-Nov-15	10:32:30	138.7	8.13	2999.8	13.34	49.82	0.998	10.18	84.26	160.1	536.2	36.55	543.2	149.8
30-Nov-15	10:32:35	138.4	9.72	2998.9	13.34	49.82	0.998	10.18	86.92	160.0	536.5	36.55	543.4	149.8
30-Nov-15	10:32:40	138.5	9.48	3002.0	13.34	49.82	0.998	10.11	86.03	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:32:45	138.9	6.57	3001.6	13.34	49.82	0.999	10.11	84.16	159.8	536.6	36.55	543.5	149.8
30-Nov-15	10:32:50	138.6	10.05	2998.8	13.34	49.82	0.997	10.11	86.04	159.8	536.7	36.55	543.5	149.8
30-Nov-15	10:32:55	138.3	10.75	2994.1	13.34	49.82	0.997	9.78	85.26	160.0	536.3	36.55	543.3	149.8
30-Nov-15	10:33:00	138.6	12.13	2995.0	13.34	49.82	0.996	10.22	84.77	159.8	536.7	36.55	543.5	149.8
30-Nov-15	10:33:05	138.2	10.94	2998.2	13.34	49.82	0.997	10.38	87.09	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:33:10	138.5	7.80	3003.7	13.34	49.82	0.998	10.25	84.79	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:33:15	138.6	6.91	3004.6	13.34	49.82	0.999	10.25	84.56	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:33:20	138.8	7.35	3002.3	13.34	49.82	0.999	10.25	85.67	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:33:25	139.0	9.68	2999.1	13.34	49.82	0.998	10.25	84.16	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:33:30	138.4	11.39	2998.1	13.34	49.82	0.997	10.25	87.22	159.9	536.6	36.55	543.4	149.8
30-Nov-15	10:33:35	138.6	8.06	2999.3	13.34	49.82	0.998	10.14	85.14	160.0	536.6	36.55	543.4	149.8
30-Nov-15	10:33:40	138.7	8.96	2998.1	13.34	49.82	0.998	10.14	84.80	160.1	536.6	36.55	543.5	149.9
30-Nov-15	10:33:45	138.5	10.43	2999.6	13.34	49.82	0.997	10.14	86.22	160.1	536.7	36.55	543.6	149.9
30-Nov-15	10:33:50	139.0	8.00	3000.4	13.34	49.82	0.998	9.99	84.49	160.0	536.8	36.55	543.7	149.9
30-Nov-15	10:33:55	138.9	9.19	2998.1	13.34	49.82	0.998	9.99	86.19	159.9	536.9	36.55	543.7	149.9
30-Nov-15	10:34:00	138.6	10.64	3001.5	13.44	49.82	0.997	10.10	85.44	159.8	536.9	36.55	543.7	149.9
30-Nov-15	10:34:05	138.9	7.00	3001.0	13.34	49.82	0.999	10.10	83.42	159.8	536.9	36.55	543.7	149.9
30-Nov-15	10:34:10	138.7	10.33	2998.9	13.34	49.82	0.997	10.10	86.55	159.8	536.9	36.55	543.7	149.9
30-Nov-15	10:34:15	138.5	11.22	3000.6	13.34	49.82	0.997	10.10	85.08	159.7	536.9	36.55	543.7	149.9
30-Nov-15	10:34:20	138.7	8.71	3000.8	13.34	49.82	0.998	10.10	84.50	159.7	536.9	36.55	543.6	149.9
30-Nov-15	10:34:25	138.7	9.48	3000.6	13.34	49.82	0.998	10.27	86.71	159.8	536.6	36.55	543.5	149.9
30-Nov-15	10:34:30	138.7	7.93	3000.6	13.34	49.82	0.998	10.16	85.10	159.9	536.6	36.55	543.5	149.9
30-Nov-15	10:34:35	138.9	10.16	3002.8	13.34	49.82	0.997	10.16	85.02	160.0	536.5	36.55	543.5	149.9
30-Nov-15	10:34:40	139.1	8.34	2999.1	13.34	49.82	0.998	10.16	84.85	159.9	536.5	36.55	543.5	149.9
30-Nov-15	10:34:45	138.8	11.18	2998.1	13.34	49.82	0.997	9.96	85.43	159.9	536.5	36.55	543.5	149.9
30-Nov-15	10:34:50	138.3	10.38	3000.6	13.34	49.82	0.997	10.02	86.30	159.7	536.6	36.55	543.6	149.9
30-Nov-15	10:34:55	138.7	8.75	3003.7	13.34	49.82	0.998	10.13	83.98	159.6	536.6	36.55	543.6	149.9
30-Nov-15	10:35:00	138.9	8.49	3003.7	13.34	49.82	0.998	10.13	86.86	159.6	536.6	36.55	543.5	149.9
30-Nov-15	10:35:05	138.9	8.30	3001.2	13.34	49.82	0.998	10.13	85.15	159.6	536.5	36.44	543.5	149.9
30-Nov-15	10:35:10	138.6	10.54	2998.1	13.34	49.82	0.997	10.13	84.63	159.5	536.4	36.44	543.4	149.9
30-Nov-15	10:35:15	138.4	11.04	2999.7	13.34	49.82	0.997	10.13	86.87	159.5	536.3	36.44	543.3	149.9
30-Nov-15	10:35:20	138.3	9.36	2999.0	13.34	49.82	0.998	10.30	84.29	159.6	536.2	36.44	543.2	149.9
30-Nov-15	10:35:25	138.5	9.20	3001.4	13.34	49.82	0.998	10.19	86.50	159.7	536.1	36.44	543.2	149.9
30-Nov-15	10:35:30	138.6	9.80	3003.0	13.34	49.82	0.998	10.19	85.14	159.7	536.1	36.44	543.2	149.9
30-Nov-15	10:35:35	138.6	8.60	3003.0	13.34	49.82	0.998	10.19	84.76	159.7	536.1	36.44	543.2	149.9
30-Nov-15	10:35:40	138.6	8.83	3003.0	13.34	49.82	0.998	10.19	86.75	159.7	536.2	36.44	543.3	149.9
30-Nov-15	10:35:45	139.0	8.21	3000.9	13.34	49.82	0.998	10.19	84.23	159.7	536.3	36.44	543.3	149.9
30-Nov-15	10:35:50	138.2	11.54	3000.1	13.34	49.82	0.997	10.19	86.00	159.7	536.4</			

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	10:39:20	138.6	11.20	3005.5	13.43	49.83	0.997	10.34	86.17	159.9	536.9	36.55	543.9	149.9
30-Nov-15	10:39:25	138.9	9.04	3002.1	13.43	49.83	0.998	10.22	84.26	160.0	536.9	36.55	543.9	149.9
30-Nov-15	10:39:30	138.5	10.71	3002.9	13.43	49.83	0.997	10.22	86.63	160.0	536.9	36.55	544.0	149.9
30-Nov-15	10:39:35	138.8	8.77	3007.3	13.43	49.94	0.998	10.22	85.14	160.0	537.0	36.55	544.1	149.9
30-Nov-15	10:39:40	139.1	8.16	3009.2	13.43	49.94	0.998	10.22	84.42	160.0	537.1	36.55	544.1	149.9
30-Nov-15	10:39:45	139.1	8.33	3005.3	13.32	49.94	0.998	10.22	86.08	159.9	537.1	36.55	544.2	149.9
30-Nov-15	10:39:50	139.0	9.93	3001.2	13.32	49.82	0.997	10.22	83.87	159.8	537.2	36.55	544.2	149.9
30-Nov-15	10:39:55	138.7	10.61	2997.9	13.32	49.82	0.997	10.22	86.83	159.7	537.2	36.55	544.2	149.9
30-Nov-15	10:40:00	138.7	10.75	2998.7	13.36	49.82	0.997	10.22	85.16	159.5	537.1	36.55	544.1	149.9
30-Nov-15	10:40:05	138.0	11.89	3001.4	13.36	49.82	0.996	10.22	84.58	159.5	537.0	36.55	544.1	149.9
30-Nov-15	10:40:10	138.4	7.61	3006.8	13.36	49.93	0.998	10.22	86.95	159.4	536.9	36.55	544.0	149.9
30-Nov-15	10:40:15	138.8	8.28	3007.6	13.36	49.93	0.998	10.22	84.71	159.6	536.8	36.55	543.9	149.9
30-Nov-15	10:40:20	139.0	9.13	3006.7	13.36	49.93	0.998	10.22	85.03	159.8	536.8	36.55	543.9	149.9
30-Nov-15	10:40:25	138.8	8.73	3002.3	13.36	49.93	0.998	10.22	85.56	159.9	536.8	36.55	543.9	149.9
30-Nov-15	10:40:30	138.4	11.73	3002.8	13.43	49.93	0.996	10.22	84.45	159.9	536.8	36.55	543.9	149.9
30-Nov-15	10:40:35	139.0	8.80	3006.2	13.43	49.93	0.998	10.22	86.71	159.9	536.9	36.55	544.0	149.9
30-Nov-15	10:40:40	139.3	8.92	3003.9	13.36	49.93	0.998	10.22	84.41	159.8	536.9	36.55	544.0	149.9
30-Nov-15	10:40:45	139.1	11.16	3005.5	13.36	49.82	0.997	10.22	85.82	159.8	537.0	36.55	544.1	149.9
30-Nov-15	10:40:50	138.9	12.07	3001.2	13.36	49.82	0.996	10.22	86.09	159.8	537.0	36.55	544.1	149.9
30-Nov-15	10:40:55	138.6	11.20	3004.9	13.36	49.82	0.997	10.22	85.12	159.8	537.0	36.55	544.1	149.9
30-Nov-15	10:41:00	139.1	8.70	3007.6	13.36	49.92	0.998	10.22	85.21	160.0	537.0	36.55	544.1	149.9
30-Nov-15	10:41:05	139.1	9.41	3006.0	13.36	49.92	0.998	10.37	85.07	160.1	537.0	36.55	544.1	149.9
30-Nov-15	10:41:10	139.1	9.82	3005.2	13.36	49.92	0.998	10.37	84.38	160.1	537.0	36.55	544.1	149.9
30-Nov-15	10:41:15	138.6	10.77	3005.9	13.36	49.92	0.997	10.37	86.88	159.9	537.0	36.55	544.1	149.9
30-Nov-15	10:41:20	138.6	9.40	3006.8	13.36	49.92	0.998	10.37	84.60	159.8	537.0	36.55	544.1	149.9
30-Nov-15	10:41:25	138.9	8.42	3006.8	13.36	49.92	0.998	10.37	85.41	159.8	537.0	36.55	544.1	149.9
30-Nov-15	10:41:30	138.6	10.30	3005.3	13.36	49.92	0.997	10.37	85.91	159.7	536.9	36.55	544.0	149.9
30-Nov-15	10:41:35	139.0	9.37	3004.3	13.36	49.92	0.998	10.37	83.73	159.6	536.8	36.55	544.0	149.9
30-Nov-15	10:41:40	138.4	12.32	3001.8	13.36	49.92	0.996	10.37	86.69	159.5	536.7	36.55	543.9	149.9
30-Nov-15	10:41:45	138.5	10.99	3006.3	13.43	49.92	0.997	10.37	85.33	159.5	536.6	36.55	543.8	149.9
30-Nov-15	10:41:50	138.6	8.68	3007.6	13.43	49.92	0.998	10.37	83.83	159.6	536.5	36.55	543.7	149.9
30-Nov-15	10:41:55	138.9	9.20	3007.7	13.43	49.92	0.998	10.37	86.58	159.8	536.5	36.55	543.5	149.9
30-Nov-15	10:42:00	139.0	8.88	3007.1	13.36	49.92	0.997	10.37	84.67	160.0	536.4	36.55	543.5	149.9
30-Nov-15	10:42:05	138.6	10.69	3004.4	13.36	49.92	0.997	10.37	84.85	160.0	536.5	36.55	543.6	149.9
30-Nov-15	10:42:10	138.9	9.12	3004.9	13.36	49.92	0.998	10.27	86.84	160.0	536.7	36.55	543.8	149.9
30-Nov-15	10:42:15	138.9	10.09	3006.6	13.36	49.92	0.997	10.27	84.75	159.8	536.8	36.55	543.9	150.0
30-Nov-15	10:42:20	139.0	10.36	3006.0	13.36	49.92	0.997	10.27	85.15	159.7	536.9	36.55	543.9	150.0
30-Nov-15	10:42:25	138.8	11.96	3007.3	13.36	49.92	0.996	10.27	85.82	159.7	536.9	36.55	543.9	150.0
30-Nov-15	10:42:30	139.0	9.91	3007.6	13.36	49.92	0.997	10.27	84.25	159.8	537.0	36.55	543.9	150.0
30-Nov-15	10:42:35	139.2	11.23	3005.2	13.36	49.92	0.997	10.27	86.08	159.9	537.0	36.55	543.9	150.0
30-Nov-15	10:42:40	138.8	12.11	3005.2	13.36	49.92	0.996	10.27	84.09	159.9	537.0	36.55	543.9	150.0
30-Nov-15	10:42:45	138.7	10.81	3007.7	13.36	49.92	0.997	10.27	86.66	159.8	537.0	36.55	543.9	150.0
30-Nov-15	10:42:50	139.1	8.73	3006.8	13.36	49.92	0.998	10.27	84.68	159.8	537.1	36.55	543.9	150.0
30-Nov-15	10:42:55	138.6	10.88	3005.2	13.36	49.92	0.997	10.27	84.79	159.8	537.1	36.55	544.0	150.0
30-Nov-15	10:43:00	138.5	10.71	3010.8	13.44	49.92	0.997	10.27	86.22	159.7	537.1	36.55	544.0	150.0
30-Nov-15	10:43:05	139.2	8.47	3013.0	13.37	50.03	0.998	10.27	83.96	159.7	537.1	36.55	543.9	150.0
30-Nov-15	10:43:10	139.2	9.30	3007.4	13.32	49.92	0.998	10.27	85.63	159.6	537.0	36.55	543.9	150.0
30-Nov-15	10:43:15	138.6	12.96	3003.5	13.36	49.92	0.996	10.27	85.29	159.5	536.9	36.55	543.7	150.0
30-Nov-15	10:43:20	138.2	12.71	3005.8	13.36	49.92	0.996	10.27	85.37	159.5	536.8	36.55	543.6	150.0
30-Nov-15	10:43:25	138.5	9.63	3007.4	13.36	49.92	0.998	10.27	85.59	159.6	536.7	36.55	543.5	150.0
30-Nov-15	10:43:30	138.9	10.45	3010.4	13.36	49.92	0.997	10.27	83.90	159.9	536.6	36.55	543.5	150.0
30-Nov-15	10:43:35	138.8	9.42	3009.2	13.36	49.92	0.998	10.27	86.05	160.0	536.6	36.55	543.5	150.0
30-Nov-15	10:43:40	138.5	10.82	3008.7	13.36	49.92	0.997	10.16	84.59	160.1	536.6	36.55	543.5	150.0
30-Nov-15	10:43:45	139.0	9.82	3012.3	13.36	49.92	0.998	10.12	85.45	160.0	536.7	36.55	543.6	150.0
30-Nov-15	10:43:50	138.8	9.04	3010.8	13.36	49.92	0.998	10.12	84.45	159.9	536.8	36.55	543.8	150.0
30-Nov-15	10:43:55	138.9	11.34	3012.3	13.36	50.03	0.997	10.23	85.73	159.7	536.8	36.55	543.8	150.0
30-Nov-15	10:44:00	138.8	10.63	3014.9	13.36	50.03	0.997	10.34	85.83	159.7	536.9	36.55	543.8	150.0
30-Nov-15	10:44:05	138.6	8.91	3013.2	13.36	50.03	0.998	10.34	83.73	159.6	536.9	36.55	543.8	150.0
30-Nov-15	10:44:10	138.5	9.65	3013.6	13.36	50.03	0.998	10.34	86.64	159.5	536.9	36.55	543.7	150.0
30-Nov-15	10:44:15	138.7	9.04	3014.9	13.36	50.03	0.998	10.34	85.10	159.5	536.8	36.55	543.6	150.0
30-Nov-15	10:44:20	138.3	10.18	3014.1	13.36	50.03	0.997	10.34	83.91	159.5	536.6	36.55	543.4	150.0
30-Nov-15	10:44:25	138.6	9.17	3014.8	13.36	50.03	0.998	10.48	86.16	159.6	536.5	36.55	543.3	150.0
30-Nov-15	10:44:30	138.7	10.04	3014.0	13.36	50.03	0.997	10.35	84.49	159.9	536.4	36.55	543.3	150.0
30-Nov-15	10:44:35	138.5	10.37	3015.7	13.36	50.03	0.997	10.35	84.12	160.0	536.4	36.55	543.3	150.0
30-Nov-15	10:44:40	139.0	8.97	3019.7	13.36	50.13	0.998	10.35	86.41	160.0	536.5	36.55	543.3	150.0
30-Nov-15	10:44:45	138.8	8.16	3018.1	13.36	50.13	0.998	10.45	84.02	160.0	536.5	36.55	543.3	150.0
30-Nov-15	10:44:50	138.8	9.53	3018.1	13.36	50.13	0.998	10.16	85.93	159.9	536.6	36.55	543.4	150.0
30-Nov-15	10:44:55	138.5	10.49	3020.0	13.36	50.13	0.997	10.37	85.37	159.9	536.6	36.55	543.4	150.0
30-Nov-15	10:45:00	138.8	8.86	3022.5	13.36	50.13	0.998	10.37	83.74	159.9	536.6	36.55	543.4	150.0
30-Nov-15	10:45:05	138.7	7.98	3022.8	13.36	50.13	0.998	10.26	86.21	159.8	536.6	36.55	543.4	150.0
30-Nov-15	10:45:10	139.0	8.43	3019.8	13.36	50.13	0.998	10.54	84.55	159.8	536.6	36.55	543.3	150.0
30-Nov-15	10:45:15	138.8	11.35	3018.0	13.36	50.13	0.997	10.28	85.24	159.7	536.6	36.55	543.2	150.0
30-Nov-15	10:45:20	138.9	9.21	3013.9	13.36	50.13	0.998	10.28	85.61	159.8	536.5	36.55	543.2	150.0
30-Nov-15	10:45:25	138.5	12.18	3011.5	13.36	50.03	0.996	10.28	84.12	160.0	536.4	36.55	543.1	150.0
30-Nov-15	10:45:30	138.2	11.87	3014.0	13.36	50.03	0.997	10.28	86.40	160.1	536.3	36.55	543.1	150.0
30-Nov-15	10:45:35	138.8	9.96	3019.0	13.36	50.14	0.997	10.28	84.89	160.1	536.3	36.55	543.1	150.0
30-Nov-15	10:45:40													

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	10:49:10	139.0	10.48	3007.4	13.35	49.94	0.997	10.37	84.08	160.1	536.6	36.65	543.2	150.0
30-Nov-15	10:49:15	138.4	12.18	3010.2	13.42	49.94	0.996	10.27	86.53	160.1	536.5	36.65	543.1	150.0
30-Nov-15	10:49:20	139.0	9.61	3016.1	13.42	50.05	0.998	10.27	85.74	160.1	536.4	36.65	543.0	150.0
30-Nov-15	10:49:25	139.4	8.16	3015.6	13.35	50.05	0.998	10.27	83.46	160.2	536.2	36.65	543.0	150.0
30-Nov-15	10:49:30	139.1	11.01	3013.2	13.35	50.05	0.997	10.27	86.03	160.4	536.2	36.65	542.9	150.0
30-Nov-15	10:49:35	139.3	10.62	3012.7	13.35	50.05	0.997	10.27	84.04	160.4	536.2	36.65	542.9	150.0
30-Nov-15	10:49:40	139.8	10.82	3011.5	13.35	50.05	0.997	10.27	85.57	160.4	536.2	36.65	543.0	150.0
30-Nov-15	10:49:45	139.1	11.44	3008.2	13.35	49.95	0.997	10.27	84.75	160.3	536.2	36.65	543.0	150.0
30-Nov-15	10:49:50	139.1	12.41	3007.4	13.35	49.95	0.996	10.27	85.76	160.1	536.2	36.65	543.1	150.0
30-Nov-15	10:49:55	138.8	11.64	3010.5	13.35	49.95	0.996	10.27	85.89	160.1	536.2	36.65	543.1	150.0
30-Nov-15	10:50:00	139.2	8.89	3013.1	13.35	49.95	0.998	10.27	84.36	160.1	536.2	36.65	543.1	150.0
30-Nov-15	10:50:05	138.8	10.75	3010.8	13.35	49.95	0.997	10.27	85.08	160.1	536.2	36.65	543.0	150.0
30-Nov-15	10:50:10	138.9	11.32	3014.7	13.35	50.05	0.997	10.27	86.13	160.4	536.1	36.65	543.0	150.0
30-Nov-15	10:50:15	139.2	8.42	3014.5	13.35	50.05	0.998	10.27	83.62	160.4	536.1	36.65	543.0	150.0
30-Nov-15	10:50:20	139.4	10.27	3012.0	13.35	50.05	0.997	9.98	86.17	160.4	536.1	36.65	543.0	150.0
30-Nov-15	10:50:25	139.0	11.91	3009.9	13.35	50.05	0.996	10.19	83.93	160.3	536.1	36.65	543.0	150.0
30-Nov-15	10:50:30	138.7	11.96	3013.8	13.35	50.05	0.996	10.19	86.52	160.2	536.1	36.65	543.0	150.0
30-Nov-15	10:50:35	139.0	8.91	3016.4	13.35	50.05	0.998	10.19	83.96	160.0	536.1	36.65	543.0	150.0
30-Nov-15	10:50:40	138.9	11.33	3017.1	13.35	50.05	0.997	10.31	86.45	160.0	536.1	36.65	543.0	150.0
30-Nov-15	10:50:45	139.5	9.69	3017.9	13.35	50.05	0.998	10.61	84.68	160.2	536.1	36.65	542.9	150.0
30-Nov-15	10:50:50	139.3	10.70	3014.7	13.35	50.05	0.997	10.35	85.12	160.4	536.0	36.65	542.9	150.0
30-Nov-15	10:50:55	139.2	11.16	3013.2	13.35	50.05	0.997	10.20	84.64	160.4	536.0	36.65	542.9	150.0
30-Nov-15	10:51:00	139.0	11.45	3016.3	13.35	50.05	0.997	10.20	85.33	160.3	536.0	36.65	542.9	150.0
30-Nov-15	10:51:05	139.1	8.73	3019.5	13.35	50.05	0.998	10.20	85.69	160.3	536.1	36.65	542.9	150.0
30-Nov-15	10:51:10	139.1	10.43	3020.6	13.35	50.16	0.997	10.30	83.86	160.3	536.1	36.65	542.9	150.0
30-Nov-15	10:51:15	138.7	9.57	3017.8	13.35	50.16	0.997	10.30	84.68	160.2	536.1	36.65	542.9	150.0
30-Nov-15	10:51:20	139.3	9.01	3019.5	13.42	50.16	0.998	10.30	85.73	160.2	536.1	36.65	542.9	150.0
30-Nov-15	10:51:25	138.7	9.85	3017.9	13.42	50.16	0.997	10.30	83.66	160.2	536.1	36.65	542.9	150.0
30-Nov-15	10:51:30	139.1	9.34	3019.4	13.42	50.16	0.998	10.30	85.80	160.3	536.1	36.65	542.8	150.0
30-Nov-15	10:51:35	139.3	8.73	3019.1	13.42	50.16	0.998	10.30	83.59	160.3	536.1	36.65	542.8	150.0
30-Nov-15	10:51:40	139.3	11.39	3018.8	13.42	50.16	0.997	10.06	85.92	160.3	536.1	36.65	542.8	150.0
30-Nov-15	10:51:45	138.9	10.78	3019.6	13.42	50.16	0.997	10.18	83.84	160.3	536.1	36.65	542.8	150.1
30-Nov-15	10:51:50	138.9	8.95	3021.1	13.42	50.16	0.998	10.29	85.82	160.2	536.1	36.65	542.8	150.1
30-Nov-15	10:51:55	139.3	7.96	3021.0	13.35	50.16	0.998	10.29	83.70	160.1	536.1	36.65	542.8	150.1
30-Nov-15	10:52:00	139.4	9.46	3018.7	13.35	50.16	0.998	10.29	86.03	160.1	536.1	36.65	542.8	150.1
30-Nov-15	10:52:05	139.3	11.42	3017.4	13.35	50.16	0.997	10.54	84.09	160.3	536.0	36.65	542.6	150.1
30-Nov-15	10:52:10	139.0	11.28	3017.2	13.35	50.16	0.997	10.36	85.40	160.3	535.9	36.65	542.6	150.1
30-Nov-15	10:52:15	139.2	9.56	3019.5	13.35	50.16	0.998	10.25	85.13	160.4	535.9	36.65	542.6	150.1
30-Nov-15	10:52:20	139.6	8.54	3017.1	13.35	50.16	0.998	10.25	84.13	160.2	535.9	36.65	542.6	150.1
30-Nov-15	10:52:25	139.1	11.69	3016.2	13.35	50.16	0.996	10.00	85.91	160.1	536.0	36.65	542.6	150.1
30-Nov-15	10:52:30	139.0	10.86	3018.7	13.35	50.16	0.997	10.22	83.83	160.1	536.0	36.65	542.6	150.1
30-Nov-15	10:52:35	139.3	8.54	3017.8	13.35	50.16	0.998	10.32	85.76	160.0	536.0	36.65	542.6	150.1
30-Nov-15	10:52:40	139.0	10.46	3016.3	13.35	50.16	0.997	10.34	83.72	160.0	536.0	36.65	542.6	150.1
30-Nov-15	10:52:45	138.8	10.48	3017.0	13.35	50.16	0.997	10.34	85.97	160.0	536.0	36.65	542.5	150.1
30-Nov-15	10:52:50	139.0	10.41	3019.9	13.35	50.16	0.997	10.34	84.31	160.0	535.9	36.65	542.5	150.1
30-Nov-15	10:52:55	139.3	8.35	3017.3	13.35	50.16	0.998	10.49	84.22	160.0	535.8	36.65	542.4	150.1
30-Nov-15	10:53:00	139.2	11.71	3015.5	13.35	50.16	0.996	10.38	86.57	160.3	535.7	36.65	542.3	150.1
30-Nov-15	10:53:05	139.1	10.36	3013.9	13.35	50.06	0.997	10.38	83.93	160.4	535.7	36.65	542.3	150.1
30-Nov-15	10:53:10	138.7	12.00	3013.4	13.35	50.06	0.996	10.38	85.92	160.5	535.8	36.65	542.4	150.1
30-Nov-15	10:53:15	139.1	9.80	3019.5	13.44	50.06	0.998	10.38	86.53	160.5	535.9	36.65	542.5	150.1
30-Nov-15	10:53:20	139.6	7.77	3020.3	13.36	50.16	0.998	10.38	83.75	160.4	536.1	36.65	542.7	150.1
30-Nov-15	10:53:25	139.7	10.14	3015.6	13.36	50.16	0.997	10.38	85.64	160.3	536.2	36.65	542.7	150.1
30-Nov-15	10:53:30	138.9	14.02	3013.8	13.44	50.05	0.995	10.38	84.25	160.2	536.3	36.65	542.7	150.1
30-Nov-15	10:53:35	138.8	12.15	3016.1	13.44	50.05	0.996	10.38	85.63	160.2	536.3	36.65	542.7	150.1
30-Nov-15	10:53:40	138.9	9.27	3017.9	13.37	50.05	0.998	10.38	85.58	160.4	536.3	36.65	542.7	150.1
30-Nov-15	10:53:45	139.2	9.80	3018.5	13.37	50.05	0.998	10.38	83.67	160.6	536.3	36.65	542.7	150.1
30-Nov-15	10:53:50	139.3	11.54	3018.7	13.37	50.05	0.997	10.38	85.83	160.6	536.3	36.65	542.8	150.1
30-Nov-15	10:53:55	139.1	13.65	3019.4	13.37	50.05	0.995	10.38	84.31	160.6	536.5	36.65	542.9	150.1
30-Nov-15	10:54:00	139.2	11.95	3018.7	13.37	50.05	0.996	10.38	85.09	160.4	536.5	36.65	543.0	150.1
30-Nov-15	10:54:05	139.2	11.05	3017.2	13.37	50.16	0.997	10.00	84.42	160.3	536.6	36.65	543.0	150.1
30-Nov-15	10:54:10	139.0	12.40	3018.4	13.37	50.16	0.996	10.26	86.14	160.2	536.6	36.65	543.0	150.1
30-Nov-15	10:54:15	139.3	9.54	3015.7	13.37	50.16	0.998	10.26	83.96	160.1	536.6	36.65	543.0	150.1
30-Nov-15	10:54:20	138.8	11.10	3012.3	13.37	50.06	0.997	10.26	85.95	160.1	536.6	36.65	543.0	150.1
30-Nov-15	10:54:25	138.5	11.26	3014.2	13.37	50.06	0.997	10.26	85.39	160.1	536.5	36.65	542.9	150.1
30-Nov-15	10:54:30	138.5	9.48	3016.3	13.37	50.06	0.998	10.26	83.67	160.0	536.3	36.65	542.8	150.1
30-Nov-15	10:54:35	139.4	9.57	3017.9	13.37	50.06	0.998	10.26	86.22	160.1	536.2	36.65	542.7	150.1
30-Nov-15	10:54:40	139.0	10.68	3013.0	13.37	50.06	0.997	10.37	83.72	160.2	536.1	36.65	542.7	150.1
30-Nov-15	10:54:45	139.0	11.82	3013.0	13.37	50.06	0.996	10.26	86.57	160.4	536.1	36.65	542.7	150.1
30-Nov-15	10:54:50	139.4	10.23	3012.9	13.37	50.06	0.997	10.26	84.18	160.5	536.1	36.65	542.7	150.1
30-Nov-15	10:54:55	139.5	11.48	3010.6	13.37	50.06	0.997	10.26	86.01	160.5	536.2	36.65	542.8	150.1
30-Nov-15	10:55:00	138.9	11.25	3009.8	13.37	50.06	0.997	10.26	84.88	160.5	536.3	36.65	542.9	150.1
30-Nov-15	10:55:05	139.5	9.30	3010.3	13.37	50.06	0.998	9.90	84.02	160.3	536.4	36.65	543.0	150.2
30-Nov-15	10:55:10	139.1	10.96	3007.5	13.37	49.95	0.997	10.06	86.34	160.3	536.5	36.65	543.0	150.2
30-Nov-15	10:55:15	139.9	12.20	3008.2	13.37	49.95	0.996	10.06	84.38	160.2	536.5	36.65	543.0	150.2
30-Nov-15	10:55:20	138.8	11.24	3009.8	13.37	49.95	0.997	10.06	84.92	160.2	536.5	36.65	543.0	150.2
30-Nov-15	10:55:25	139.3	8.66	3011.7	13.37	49.95	0.998	10.15	86.15	160.1	536.5	36.65	543.1	1

Norgener Power Plant Unit#1

		Gross Power	Reactive Power	Speed	Voltage Generator	Frequency Generator	Power Factor	Auxiliary Power	HP Valve Position	HP steam Pressure	HP steam Temperature	IP steam Pressure	IP steam Temperature	Flue Gas Outlet Temperature
Date	Time	MW	Mvar	rpm	kV	Hz	-	MW	%	bar(g)	°C	bar(g)	°C	°C
30-Nov-15	10:59:00	138.7	10.48	3013.0	13.39	49.96	0.997	10.34	83.74	159.9	536.1	36.65	542.8	150.2
30-Nov-15	10:59:05	138.5	10.08	3013.9	13.39	49.96	0.997	10.34	86.45	159.9	536.0	36.65	542.7	150.2
30-Nov-15	10:59:10	138.9	8.98	3015.3	13.39	50.06	0.998	10.34	84.89	159.9	535.9	36.65	542.6	150.2
30-Nov-15	10:59:15	139.0	9.89	3010.7	13.35	50.06	0.997	10.50	84.26	160.1	535.9	36.65	542.5	150.2
30-Nov-15	10:59:20	138.7	12.23	3008.2	13.35	49.96	0.996	10.25	86.47	160.2	535.8	36.65	542.5	150.2
30-Nov-15	10:59:25	138.9	12.30	3009.3	13.39	49.96	0.996	10.25	84.37	160.3	535.8	36.65	542.5	150.2
30-Nov-15	10:59:30	139.2	10.77	3009.4	13.39	49.96	0.997	10.25	86.04	160.3	535.9	36.65	542.7	150.2
30-Nov-15	10:59:35	138.0	10.82	3005.9	13.39	49.96	0.997	10.25	84.45	160.2	536.1	36.65	542.8	150.2
30-Nov-15	10:59:40	138.7	12.24	3005.8	13.39	49.96	0.996	10.12	86.00	160.2	536.2	36.65	542.9	150.2
30-Nov-15	10:59:45	138.7	10.59	3008.1	13.39	49.96	0.997	10.12	85.54	160.1	536.2	36.65	542.9	150.2
30-Nov-15	10:59:50	138.7	11.56	3011.0	13.39	49.96	0.997	10.25	83.84	160.1	536.3	36.65	542.9	150.2
30-Nov-15	10:59:55	138.8	11.67	3015.0	13.39	50.07	0.996	10.25	86.60	160.0	536.3	36.65	542.9	150.2
30-Nov-15	11:00:00	138.8	10.36	3017.0	13.39	50.07	0.997	10.25	85.68	159.8	536.3	36.65	542.9	150.2
30-Nov-15	11:00:05	138.7	10.14	3015.5	13.39	50.07	0.997	10.25	83.81	159.8	536.3	36.65	542.8	150.2
30-Nov-15	11:00:10	138.7	10.80	3015.3	13.39	50.07	0.997	10.25	86.39	159.7	536.2	36.65	542.7	150.2
30-Nov-15	11:00:15	138.8	12.08	3013.0	13.39	50.07	0.996	10.52	83.91	159.7	536.0	36.65	542.6	150.2
30-Nov-15	11:00:20	139.1	11.84	3012.2	13.39	50.07	0.996	10.26	86.22	159.8	535.9	36.55	542.4	150.2
30-Nov-15	11:00:25	139.1	12.01	3008.6	13.39	49.96	0.996	10.16	84.65	160.1	535.8	36.55	542.4	150.2
30-Nov-15	11:00:30	138.9	12.45	3008.2	13.39	49.96	0.996	10.16	84.63	160.1	535.8	36.55	542.4	150.2
30-Nov-15	11:00:35	138.5	11.42	3009.8	13.39	49.96	0.997	10.16	85.95	160.1	535.9	36.55	542.6	150.2
30-Nov-15	11:00:40	138.6	10.52	3013.8	13.39	49.96	0.997	10.16	84.11	160.1	535.9	36.55	542.7	150.2
30-Nov-15	11:00:45	139.0	10.84	3018.5	13.39	50.07	0.997	10.26	85.07	160.0	536.0	36.55	542.7	150.2
30-Nov-15	11:00:50	138.9	8.61	3019.7	13.39	50.07	0.998	10.26	85.81	160.0	536.1	36.55	542.7	150.2
30-Nov-15	11:00:55	139.7	9.53	3016.4	13.39	50.07	0.998	10.26	83.72	159.8	536.1	36.55	542.7	150.2
30-Nov-15	11:01:00	138.6	12.41	3009.2	13.35	49.96	0.996	10.26	86.23	159.8	536.1	36.55	542.7	150.2
30-Nov-15	11:01:05	138.4	13.50	3008.2	13.38	49.96	0.996	10.07	84.79	159.7	536.1	36.55	542.7	150.2
30-Nov-15	11:01:10	138.7	9.24	3011.5	13.42	49.96	0.998	10.21	83.77	159.7	536.1	36.55	542.7	150.2
30-Nov-15	11:01:15	138.7	9.39	3013.9	13.42	49.96	0.998	10.21	86.64	159.7	536.1	36.55	542.7	150.2
30-Nov-15	11:01:20	138.9	9.88	3016.3	13.42	50.06	0.997	10.21	84.64	159.9	536.0	36.55	542.6	150.2
30-Nov-15	11:01:25	138.9	9.70	3017.1	13.38	50.06	0.998	10.52	85.51	160.1	535.9	36.55	542.6	150.2
30-Nov-15	11:01:30	139.1	9.67	3019.3	13.38	50.06	0.998	10.40	85.27	160.1	535.9	36.55	542.6	150.2
30-Nov-15	11:01:35	139.6	8.26	3014.6	13.38	50.06	0.998	10.29	83.69	160.1	535.9	36.55	542.6	150.2
30-Nov-15	11:01:40	139.0	12.95	3010.6	13.38	50.06	0.996	9.98	86.36	160.0	536.0	36.55	542.7	150.2
30-Nov-15	11:01:45	139.2	10.39	3010.0	13.38	50.06	0.997	10.13	83.89	160.0	536.1	36.55	542.8	150.2
30-Nov-15	11:01:50	139.1	11.95	3009.0	13.38	50.06	0.996	10.24	86.33	159.9	536.1	36.55	542.8	150.2
30-Nov-15	11:01:55	138.9	11.45	3008.3	13.38	49.96	0.997	10.24	84.24	159.8	536.1	36.55	542.8	150.2
30-Nov-15	11:02:00	138.8	11.91	3010.6	13.38	49.96	0.996	10.24	86.16	159.8	536.1	36.55	542.8	150.2
30-Nov-15	11:02:05	138.9	9.91	3013.0	13.38	49.96	0.997	10.42	85.81	159.9	536.1	36.55	542.8	150.2
30-Nov-15	11:02:10	138.6	10.59	3013.9	13.38	49.96	0.997	10.29	83.77	159.9	536.1	36.55	542.8	150.2
30-Nov-15	11:02:15	138.8	9.87	3013.7	13.38	50.06	0.997	10.18	85.88	159.9	536.1	36.55	542.8	150.2
30-Nov-15	11:02:20	139.0	10.96	3013.9	13.38	50.06	0.997	10.18	85.28	159.8	536.1	36.55	542.8	150.2
30-Nov-15	11:02:25	138.5	13.33	3008.2	13.38	50.06	0.997	10.14	84.13	159.8	536.1	36.55	542.8	150.2
30-Nov-15	11:02:30	138.8	10.11	3015.5	13.38	50.06	0.997	10.17	86.74	159.7	536.1	36.55	542.7	150.2
30-Nov-15	11:02:35	138.5	9.20	3013.2	13.38	50.06	0.998	10.17	84.81	159.5	536.1	36.55	542.7	150.2
30-Nov-15	11:02:40	138.3	9.91	3010.8	13.38	50.06	0.997	10.17	84.28	159.5	536.0	36.55	542.6	150.2
30-Nov-15	11:02:45	137.9	11.93	3010.7	13.38	50.06	0.996	10.32	85.86	159.6	535.8	36.55	542.5	150.2
30-Nov-15	11:02:50	138.3	8.95	3014.7	13.38	50.06	0.998	10.21	83.72	159.6	535.8	36.55	542.5	150.2
30-Nov-15	11:02:55	138.2	10.01	3015.5	13.38	50.06	0.997	10.21	86.38	159.6	535.8	36.55	542.5	150.2
30-Nov-15	11:03:00	138.2	9.27	3014.7	13.38	50.06	0.998	10.21	84.66	159.5	535.8	36.55	542.5	150.2
30-Nov-15	11:03:05	138.4	9.60	3014.7	13.38	50.06	0.998	10.09	84.40	159.4	535.8	36.55	542.4	150.2
30-Nov-15	11:03:10	138.4	10.15	3015.5	13.38	50.06	0.997	10.19	85.46	159.3	535.8	36.45	542.4	150.2
30-Nov-15	11:03:15	138.5	9.77	3010.0	13.35	50.06	0.998	10.19	83.82	159.3	535.7	36.45	542.3	150.2
30-Nov-15	11:03:20	137.7	13.04	3008.9	13.42	49.96	0.996	10.19	86.77	159.4	535.6	36.45	542.1	150.2
30-Nov-15	11:03:25	137.9	10.29	3014.5	13.42	50.07	0.997	10.35	85.97	159.5	535.6	36.45	542.1	150.2
30-Nov-15	11:03:30	138.5	8.55	3015.5	13.38	50.07	0.998	10.23	83.84	159.7	535.6	36.45	542.1	150.2
30-Nov-15	11:03:35	138.1	11.05	3015.6	13.38	50.07	0.997	10.23	86.30	159.7	535.7	36.45	542.3	150.2
30-Nov-15	11:03:40	138.3	8.99	3017.9	13.38	50.07	0.998	10.23	84.22	159.7	535.8	36.45	542.4	150.2
30-Nov-15	11:03:45	138.4	9.17	3015.7	13.38	50.07	0.998	10.11	85.55	159.6	535.9	36.45	542.4	150.2
30-Nov-15	11:03:50	138.9	10.99	3013.9	13.38	50.07	0.997	10.39	85.16	159.6	535.9	36.45	542.4	150.2
30-Nov-15	11:03:55	138.2	9.87	3013.2	13.38	50.07	0.997	10.22	84.40	159.4	536.0	36.45	542.4	150.2
30-Nov-15	11:04:00	138.3	11.33	3012.0	13.38	50.07	0.997	10.22	85.83	159.4	536.0	36.45	542.4	150.2
30-Nov-15	11:04:05	138.1	10.93	3013.0	13.38	50.07	0.997	10.22	83.67	159.3	536.0	36.45	542.4	150.2
30-Nov-15	11:04:10	138.2	10.44	3014.7	13.38	50.07	0.997	10.22	86.19	159.3	536.0	36.45	542.4	150.2
30-Nov-15	11:04:15	138.3	9.80	3013.9	13.38	50.07	0.997	10.52	84.46	159.4	535.9	36.45	542.4	150.2
30-Nov-15	11:04:20	138.0	10.94	3014.7	13.38	50.07	0.997	10.38	85.85	159.7	535.9	36.45	542.4	150.2
30-Nov-15	11:04:25	138.5	9.27	3017.9	13.38	50.07	0.998	10.38	85.48	159.8	535.9	36.45	542.4	150.2
30-Nov-15	11:04:30	138.8	7.87	3016.3	13.35	50.07	0.998	10.27	84.05	159.8	535.9	36.45	542.4	150.2
30-Nov-15	11:04:35	138.8	10.34	3012.2	13.35	50.07	0.997	10.27	85.88	159.8	536.1	36.55	542.5	150.2
30-Nov-15	11:04:40	138.3	12.49	3012.2	13.38	50.07	0.996	10.27	84.10	159.8	536.2	36.55	542.6	150.2
30-Nov-15	11:04:45	138.5	8.94	3016.3	13.42	50.07	0.998	10.27	86.10	159.7	536.3	36.55	542.7	150.2
30-Nov-15	11:04:50	138.6	8.88	3019.3	13.42	50.07	0.998	10.27	84.58	159.7	536.4	36.55	542.8	150.2
30-Nov-15	11:04:55	138.6	9.19	3020.9	13.42	50.17	0.998	10.11	84.41	159.7	536.4	36.55	542.8	150.2
30-Nov-15	11:05:00	138.9	7.73	3018.7	13.35	50.17	0.998	10.23	85.73	159.7	536.4	36.55	542.8	150.2
30-Nov-15	11:05:05	138.4	10.65	3014.7	13.35	50.07	0.997	10.23	84.13	159.6	536.4	36.55	542.8	150.2
30-Nov-15	11:05:10	138.7	9.55	3016.0	13.39	50.07	0.998	10.23	86.46	159.6	536.4	36.55	542.8	150.2
30-Nov-15	11:05:15	138.7	11.13	3013.3	13.39	50.07	0.997							

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	11:08:50	138.8	12.32	3003.5	13.39	49.96	0.996	10.27	84.36	160.2	537.0	36.55	543.4	150.3
30-Nov-15	11:08:55	139.2	11.94	3008.9	13.39	49.96	0.996	9.96	87.22	160.2	537.1	36.65	543.4	150.3
30-Nov-15	11:09:00	139.4	8.95	3007.4	13.35	49.96	0.998	10.07	84.55	160.2	537.1	36.65	543.6	150.4
30-Nov-15	11:09:05	139.2	11.62	3008.1	13.35	49.96	0.997	10.19	85.68	160.2	537.1	36.65	543.6	150.4
30-Nov-15	11:09:10	139.4	10.29	3007.4	13.35	49.96	0.997	10.19	84.04	160.2	537.1	36.65	543.6	150.4
30-Nov-15	11:09:15	139.6	11.19	3005.8	13.35	49.96	0.997	10.19	86.02	160.3	537.1	36.65	543.6	150.4
30-Nov-15	11:09:20	139.2	12.63	3004.8	13.39	49.96	0.996	10.37	84.29	160.5	537.1	36.65	543.6	150.4
30-Nov-15	11:09:25	140.0	9.71	3095.7	13.39	49.96	0.998	10.24	85.83	160.6	537.1	36.65	543.6	150.4
30-Nov-15	11:09:30	139.0	10.95	3099.6	13.35	49.85	0.997	10.24	83.93	160.6	537.1	36.65	543.7	150.4
30-Nov-15	11:09:35	139.2	13.44	2993.9	13.38	49.74	0.995	10.24	86.09	160.6	537.1	36.65	543.8	150.4
30-Nov-15	11:09:40	139.3	13.22	2997.9	13.42	49.74	0.996	9.94	86.01	160.5	537.2	36.65	543.8	150.4
30-Nov-15	11:09:45	139.2	11.58	3003.3	13.42	49.85	0.997	10.24	83.91	160.5	537.2	36.65	543.9	150.4
30-Nov-15	11:09:50	139.7	8.96	3005.6	13.35	49.85	0.998	10.34	86.12	160.3	537.2	36.65	543.9	150.4
30-Nov-15	11:09:55	139.4	11.08	3005.7	13.35	49.85	0.997	10.34	84.16	160.5	537.2	36.65	543.9	150.4
30-Nov-15	11:10:00	139.8	9.76	3005.7	13.35	49.85	0.998	10.60	85.60	160.7	537.1	36.65	543.9	150.4
30-Nov-15	11:10:05	140.3	9.99	3005.0	13.35	49.85	0.997	10.36	85.06	160.7	537.1	36.75	543.9	150.4
30-Nov-15	11:10:10	139.6	12.05	2998.5	13.35	49.85	0.996	10.36	84.36	160.7	537.1	36.75	543.9	150.4
30-Nov-15	11:10:15	139.3	13.29	3000.8	13.42	49.85	0.995	10.36	86.04	160.6	537.1	36.75	543.9	150.4
30-Nov-15	11:10:20	139.5	11.25	3004.0	13.42	49.85	0.997	10.36	84.16	160.6	537.1	36.75	543.9	150.4
30-Nov-15	11:10:25	140.0	10.23	3004.2	13.35	49.85	0.997	10.36	85.95	160.6	537.1	36.75	543.9	150.4
30-Nov-15	11:10:30	140.2	11.57	2998.0	13.35	49.85	0.997	10.36	83.87	160.6	537.1	36.75	543.9	150.4
30-Nov-15	11:10:35	139.5	15.30	2995.3	13.42	49.74	0.994	10.36	86.06	160.8	537.1	36.75	543.9	150.4
30-Nov-15	11:10:40	139.6	13.03	2999.7	13.42	49.74	0.996	10.36	85.44	160.8	537.1	36.75	543.9	150.4
30-Nov-15	11:10:45	139.9	10.85	3000.2	13.35	49.74	0.997	10.03	85.14	160.8	537.1	36.75	543.9	150.4
30-Nov-15	11:10:50	139.7	11.65	2997.7	13.35	49.74	0.997	10.15	84.84	160.8	537.1	36.75	544.0	150.5
30-Nov-15	11:10:55	139.8	12.41	3002.0	13.38	49.74	0.997	10.15	85.13	160.8	537.1	36.75	544.0	150.5
30-Nov-15	11:11:00	139.9	10.99	2998.5	13.38	49.74	0.997	10.15	85.62	160.7	537.1	36.75	544.0	150.5
30-Nov-15	11:11:05	139.6	12.90	2998.1	13.38	49.74	0.996	10.15	84.63	160.6	537.1	36.75	544.0	150.5
30-Nov-15	11:11:10	139.5	12.16	2998.5	13.38	49.74	0.996	10.15	85.78	160.6	537.1	36.75	543.9	150.5
30-Nov-15	11:11:15	139.4	11.28	2999.2	13.38	49.74	0.997	10.15	84.56	160.5	536.9	36.75	543.9	150.5
30-Nov-15	11:11:20	139.4	10.70	3003.2	13.38	49.85	0.997	10.15	86.29	160.5	536.8	36.75	543.8	150.6
30-Nov-15	11:11:25	139.4	9.72	3005.6	13.38	49.85	0.998	10.15	83.98	160.6	536.7	36.75	543.7	150.6
30-Nov-15	11:11:30	140.0	9.31	3004.8	13.35	49.85	0.998	10.35	85.08	160.8	536.6	36.75	543.6	150.6
30-Nov-15	11:11:35	139.8	11.65	3003.2	13.35	49.85	0.997	10.21	84.89	160.9	536.5	36.75	543.6	150.6
30-Nov-15	11:11:40	139.8	12.38	3002.4	13.35	49.85	0.996	10.21	84.90	160.9	536.5	36.75	543.6	150.6
30-Nov-15	11:11:45	140.1	10.06	3001.9	13.35	49.85	0.997	9.87	85.97	160.9	536.5	36.75	543.7	150.6
30-Nov-15	11:11:50	139.7	11.08	3000.2	13.35	49.85	0.997	9.97	83.97	160.8	536.7	36.75	543.8	150.6
30-Nov-15	11:11:55	139.2	12.93	3003.1	13.42	49.85	0.996	10.12	86.74	160.6	536.7	36.75	543.8	150.6
30-Nov-15	11:12:00	139.6	9.98	3006.6	13.42	49.85	0.997	10.12	84.94	160.6	536.7	36.75	543.8	150.6
30-Nov-15	11:12:05	139.4	10.93	3005.7	13.35	49.85	0.997	10.12	84.55	160.5	536.7	36.75	543.8	150.6
30-Nov-15	11:12:10	139.7	10.53	3004.0	13.35	49.85	0.997	10.43	85.08	160.6	536.7	36.75	543.8	150.6
30-Nov-15	11:12:15	139.6	11.96	3003.7	13.35	49.85	0.996	10.30	84.22	160.7	536.7	36.75	543.7	150.6
30-Nov-15	11:12:20	139.2	12.63	3002.7	13.35	49.85	0.996	10.20	85.98	160.7	536.7	36.75	543.7	150.6
30-Nov-15	11:12:25	139.3	11.04	3004.2	13.35	49.85	0.997	10.20	84.21	160.6	536.6	36.75	543.7	150.6
30-Nov-15	11:12:30	139.5	8.89	3004.5	13.35	49.85	0.998	9.91	85.82	160.4	536.6	36.75	543.7	150.6
30-Nov-15	11:12:35	139.5	11.42	3003.4	13.35	49.85	0.997	10.14	83.35	160.4	536.6	36.75	543.7	150.6
30-Nov-15	11:12:40	139.3	11.28	3002.5	13.35	49.85	0.997	10.14	86.23	160.4	536.5	36.75	543.7	150.6
30-Nov-15	11:12:45	139.1	12.36	3004.0	13.35	49.85	0.996	10.50	84.35	160.7	536.3	36.75	543.6	150.6
30-Nov-15	11:12:50	139.3	10.44	3006.6	13.35	49.85	0.997	10.39	85.54	160.8	536.3	36.75	543.6	150.6
30-Nov-15	11:12:55	139.8	8.92	3005.8	13.35	49.85	0.998	10.28	84.66	160.8	536.3	36.75	543.6	150.6
30-Nov-15	11:13:00	139.5	11.54	3003.0	13.35	49.85	0.997	10.28	84.77	160.8	536.4	36.75	543.7	150.6
30-Nov-15	11:13:05	139.1	12.44	3001.9	13.35	49.85	0.996	10.06	86.42	160.7	536.5	36.75	543.7	150.6
30-Nov-15	11:13:10	138.9	10.64	3004.9	13.35	49.85	0.997	10.17	84.36	160.6	536.5	36.75	543.7	150.6
30-Nov-15	11:13:15	139.5	8.63	3010.4	13.35	49.96	0.998	10.17	85.75	160.5	536.5	36.75	543.7	150.6
30-Nov-15	11:13:20	139.2	8.50	3008.8	13.35	49.96	0.998	10.30	84.42	160.5	536.5	36.75	543.7	150.6
30-Nov-15	11:13:25	139.4	9.97	3006.0	13.35	49.96	0.997	10.30	85.06	160.3	536.4	36.75	543.6	150.6
30-Nov-15	11:13:30	139.2	11.76	3005.8	13.35	49.96	0.996	10.30	84.85	160.3	536.4	36.75	543.6	150.6
30-Nov-15	11:13:35	139.0	11.86	3009.6	13.42	49.96	0.997	10.63	85.23	160.3	536.3	36.75	543.5	150.6
30-Nov-15	11:13:40	139.6	8.30	3010.2	13.35	49.96	0.998	10.33	85.44	160.4	536.3	36.75	543.4	150.6
30-Nov-15	11:13:45	139.2	10.69	3010.4	13.35	49.96	0.997	10.35	84.20	160.6	536.2	36.75	543.4	150.6
30-Nov-15	11:13:50	139.4	11.00	3010.5	13.35	49.96	0.997	10.22	85.85	160.6	536.2	36.75	543.4	150.6
30-Nov-15	11:13:55	139.0	9.21	3009.6	13.35	49.96	0.998	10.06	83.28	160.5	536.3	36.75	543.5	150.6
30-Nov-15	11:14:00	139.7	9.51	3008.1	13.35	49.96	0.998	10.06	86.08	160.3	536.3	36.75	543.5	150.6
30-Nov-15	11:14:05	138.8	11.95	3004.8	13.35	49.96	0.996	10.06	84.03	160.2	536.3	36.75	543.5	150.6
30-Nov-15	11:14:10	138.9	10.96	3008.0	13.42	49.96	0.997	10.18	85.92	160.1	536.3	36.75	543.5	150.6
30-Nov-15	11:14:15	138.8	10.00	3010.4	13.42	49.96	0.997	10.18	84.56	160.1	536.2	36.64	543.4	150.6
30-Nov-15	11:14:20	138.9	8.20	3011.4	13.35	49.96	0.998	10.18	84.53	160.1	536.1	36.64	543.3	150.6
30-Nov-15	11:14:25	138.7	10.10	3011.2	13.35	49.96	0.997	10.52	86.44	160.0	536.0	36.64	543.2	150.6
30-Nov-15	11:14:30	139.0	9.87	3014.8	13.35	50.07	0.997	10.30	84.85	160.3	536.0	36.64	543.0	150.6
30-Nov-15	11:14:35	139.2	8.30	3015.3	13.35	50.07	0.998	10.30	83.74	160.4	535.9	36.64	543.0	150.6
30-Nov-15	11:14:40	139.8	9.70	3013.2	13.35	50.07	0.998	10.30	86.01	160.4	535.9	36.64	543.0	150.6
30-Nov-15	11:14:45	139.5	10.86	3006.4	13.35	49.97	0.997	9.87	84.42	160.4	536.0	36.64	543.2	150.6
30-Nov-15	11:14:50	139.0	12.99	3004.1	13.42	49.97	0.996	10.15	86.11	160.2	536.2	36.64	543.3	150.6
30-Nov-15	11:14:55	138.9	11.95	3008.6	13.42	49.97	0.996	10.15	85.27	160.1	536.2	36.64	543.3	150.6
30-Nov-15	11:15:00	138.6	8.92	3012.0	13.42	49.97	0.998	10.15	84.00	160.1	536.2	36.64	543.3	150.6
30-Nov-15	11:15:05	138.5	8.77	3017.2	13.42	50.09	0.998	10.15	85.72	160.0	536.2	3		

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	11:18:40	139.4	9.44	3013.8	13.35	50.09	0.998	10.21	84.39	159.9	536.3	36.53	543.0	150.6
30-Nov-15	11:18:45	138.7	11.36	3008.8	13.35	49.98	0.997	10.14	85.69	159.8	536.4	36.53	543.0	150.6
30-Nov-15	11:18:50	139.0	10.18	3008.0	13.42	49.98	0.997	10.25	85.70	159.7	536.5	36.53	543.1	150.6
30-Nov-15	11:18:55	138.4	11.75	3011.1	13.42	49.98	0.996	10.25	84.10	159.5	536.5	36.53	543.1	150.6
30-Nov-15	11:19:00	138.7	8.05	3013.5	13.42	49.98	0.998	10.25	85.03	159.4	536.5	36.53	543.1	150.6
30-Nov-15	11:19:05	139.0	8.16	3011.0	13.34	49.98	0.998	10.25	85.12	159.4	536.5	36.53	543.0	150.6
30-Nov-15	11:19:10	138.2	10.18	3010.4	13.34	49.98	0.997	10.25	83.44	159.3	536.4	36.53	542.8	150.6
30-Nov-15	11:19:15	138.3	9.27	3012.8	13.34	49.98	0.998	10.25	86.29	159.3	536.3	36.53	542.7	150.6
30-Nov-15	11:19:20	139.1	8.82	3011.1	13.34	49.98	0.998	10.48	84.80	159.4	536.2	36.53	542.6	150.6
30-Nov-15	11:19:25	138.3	11.16	3007.1	13.34	49.98	0.997	10.20	84.50	159.5	536.1	36.53	542.6	150.6
30-Nov-15	11:19:30	138.3	9.42	3007.1	13.42	49.98	0.998	10.20	85.98	159.7	536.1	36.53	542.6	150.6
30-Nov-15	11:19:35	138.4	9.13	3010.2	13.42	49.98	0.998	10.20	83.85	159.7	536.2	36.53	542.6	150.6
30-Nov-15	11:19:40	138.8	8.57	3011.6	13.42	49.98	0.998	9.87	86.80	159.7	536.3	36.53	542.7	150.6
30-Nov-15	11:19:45	138.7	8.55	3007.3	13.35	49.98	0.998	9.98	84.65	159.6	536.4	36.53	542.7	150.6
30-Nov-15	11:19:50	138.4	11.53	3008.0	13.42	49.98	0.997	10.08	84.81	159.6	536.5	36.53	542.8	150.6
30-Nov-15	11:19:55	138.3	8.86	3011.4	13.42	49.98	0.998	10.08	86.34	159.4	536.5	36.53	542.8	150.6
30-Nov-15	11:20:00	138.7	8.24	3012.8	13.42	49.98	0.998	10.41	84.16	159.5	536.6	36.53	542.8	150.6
30-Nov-15	11:20:05	138.8	9.03	3010.0	13.38	49.98	0.998	10.16	85.12	159.7	536.6	36.53	542.8	150.6
30-Nov-15	11:20:10	138.9	10.15	3006.8	13.38	49.98	0.997	10.16	85.62	159.7	536.6	36.53	542.8	150.6
30-Nov-15	11:20:15	138.5	10.81	3005.5	13.38	49.98	0.997	10.16	83.92	159.7	536.7	36.53	542.8	150.6
30-Nov-15	11:20:20	138.9	8.31	3005.4	13.38	49.98	0.998	10.16	85.98	159.6	536.8	36.53	543.0	150.6
30-Nov-15	11:20:25	138.3	10.85	3004.8	13.38	49.98	0.997	10.16	83.88	159.6	536.8	36.53	543.0	150.6
30-Nov-15	11:20:30	138.6	9.77	3007.6	13.38	49.98	0.998	10.27	86.34	159.4	536.8	36.53	543.0	150.6
30-Nov-15	11:20:35	138.4	9.43	3007.9	13.38	49.98	0.998	10.27	84.90	159.4	536.8	36.53	543.0	150.6
30-Nov-15	11:20:40	138.5	9.73	3009.6	13.38	49.98	0.998	10.27	84.50	159.7	536.8	36.53	543.0	150.6
30-Nov-15	11:20:45	138.9	8.76	3010.3	13.38	49.98	0.998	10.27	86.36	159.9	536.8	36.53	543.0	150.7
30-Nov-15	11:20:50	139.2	8.89	3008.8	13.38	49.98	0.998	9.91	83.93	159.9	536.8	36.53	543.0	150.7
30-Nov-15	11:20:55	138.8	11.41	3004.8	13.35	49.98	0.997	10.04	86.05	159.7	537.0	36.53	543.1	150.7
30-Nov-15	11:21:00	139.0	10.64	3004.8	13.35	49.98	0.997	10.17	85.23	159.7	537.1	36.53	543.1	150.7
30-Nov-15	11:21:05	138.6	10.75	3002.4	13.35	49.88	0.997	10.17	84.58	159.6	537.1	36.53	543.1	150.7
30-Nov-15	11:21:10	138.5	11.00	3004.5	13.35	49.88	0.997	10.17	86.10	159.5	537.1	36.53	543.1	150.7
30-Nov-15	11:21:15	138.6	9.53	3008.0	13.35	49.88	0.998	10.17	83.97	159.5	537.1	36.53	543.1	150.7
30-Nov-15	11:21:20	138.4	9.04	3008.8	13.35	49.88	0.998	10.27	86.05	159.5	537.0	36.53	543.1	150.7
30-Nov-15	11:21:25	138.5	9.20	3009.6	13.35	49.98	0.998	10.27	84.83	159.5	536.9	36.53	543.0	150.7
30-Nov-15	11:21:30	138.6	10.15	3011.7	13.35	49.98	0.997	10.27	85.46	159.5	536.9	36.53	542.9	150.7
30-Nov-15	11:21:35	138.1	8.61	3010.4	13.35	49.98	0.998	10.27	85.28	159.5	536.8	36.53	542.9	150.7
30-Nov-15	11:21:40	139.0	7.80	3009.2	13.35	49.98	0.998	10.48	83.65	159.6	536.7	36.53	542.8	150.7
30-Nov-15	11:21:45	139.1	10.32	3005.2	13.35	49.98	0.997	10.23	86.14	159.8	536.7	36.53	542.8	150.7
30-Nov-15	11:21:50	138.7	10.56	3003.1	13.35	49.88	0.997	10.23	84.78	159.8	536.7	36.53	542.8	150.7
30-Nov-15	11:21:55	138.6	10.96	3004.8	13.35	49.88	0.997	10.33	85.62	159.8	536.7	36.53	542.9	150.7
30-Nov-15	11:22:00	138.4	9.88	3010.4	13.42	50.00	0.997	10.22	85.91	159.8	536.8	36.53	543.0	150.7
30-Nov-15	11:22:05	138.7	7.55	3014.2	13.42	50.00	0.998	10.27	84.40	159.8	537.0	36.53	543.1	150.8
30-Nov-15	11:22:10	139.0	7.46	3014.5	13.34	50.00	0.999	10.27	84.22	159.8	537.1	36.53	543.1	150.8
30-Nov-15	11:22:15	139.0	9.60	3013.5	13.34	50.00	0.998	10.27	85.86	159.8	537.1	36.53	543.2	150.8
30-Nov-15	11:22:20	139.1	8.98	3012.1	13.34	50.00	0.998	10.27	83.73	159.8	537.1	36.53	543.2	150.8
30-Nov-15	11:22:25	139.0	9.35	3008.4	13.34	50.00	0.998	10.16	86.10	159.7	537.1	36.53	543.2	150.8
30-Nov-15	11:22:30	138.7	11.06	3007.9	13.34	50.00	0.997	10.16	85.00	159.7	537.1	36.53	543.2	150.8
30-Nov-15	11:22:35	138.7	9.77	3008.9	13.34	50.00	0.998	10.37	83.89	159.8	537.1	36.53	543.2	150.8
30-Nov-15	11:22:40	139.1	9.05	3009.7	13.34	50.00	0.998	10.26	86.13	160.0	537.0	36.53	543.2	150.8
30-Nov-15	11:22:45	138.8	10.28	3011.4	13.34	50.00	0.997	10.26	83.99	160.0	537.0	36.53	543.2	150.8
30-Nov-15	11:22:50	138.7	8.32	3014.4	13.34	50.00	0.998	10.26	85.71	160.0	537.1	36.53	543.2	150.8
30-Nov-15	11:22:55	139.0	9.03	3016.8	13.34	50.10	0.998	10.36	85.05	160.0	537.2	36.53	543.3	150.8
30-Nov-15	11:23:00	139.0	7.71	3014.4	13.34	50.10	0.998	10.36	84.10	159.8	537.2	36.53	543.4	150.8
30-Nov-15	11:23:05	138.8	9.82	3012.0	13.34	50.10	0.998	10.36	85.47	159.7	537.3	36.53	543.4	150.8
30-Nov-15	11:23:10	138.7	9.40	3012.0	13.34	50.10	0.998	10.36	83.81	159.6	537.3	36.53	543.4	150.8
30-Nov-15	11:23:15	138.7	10.16	3012.7	13.34	50.10	0.997	10.36	86.28	159.6	537.3	36.53	543.4	150.8
30-Nov-15	11:23:20	138.7	8.79	3012.0	13.34	50.10	0.998	10.36	84.49	159.5	537.2	36.53	543.3	150.8
30-Nov-15	11:23:25	138.9	9.02	3015.3	13.41	50.10	0.998	10.36	84.23	159.5	537.1	36.53	543.3	150.8
30-Nov-15	11:23:30	139.0	8.60	3013.0	13.33	50.00	0.998	10.27	85.69	159.6	537.0	36.53	543.3	150.8
30-Nov-15	11:23:35	139.2	10.61	3006.4	13.33	50.00	0.997	10.26	84.09	159.7	537.0	36.53	543.1	150.8
30-Nov-15	11:23:40	138.6	11.97	3006.8	13.42	50.00	0.996	10.26	86.84	159.9	536.9	36.53	543.1	150.8
30-Nov-15	11:23:45	138.6	9.49	3008.0	13.42	50.00	0.998	10.02	84.33	159.9	536.9	36.53	543.2	150.8
30-Nov-15	11:23:50	138.6	9.67	3009.6	13.42	50.00	0.998	10.32	85.53	159.8	537.0	36.53	543.3	150.8
30-Nov-15	11:23:55	138.7	9.02	3009.6	13.42	50.00	0.998	10.32	84.75	159.8	537.0	36.53	543.3	150.9
30-Nov-15	11:24:00	138.5	8.86	3012.0	13.42	50.00	0.998	10.32	83.81	159.8	537.0	36.53	543.3	150.9
30-Nov-15	11:24:05	138.4	8.18	3014.4	13.42	50.00	0.998	10.32	86.18	159.6	537.0	36.53	543.3	150.9
30-Nov-15	11:24:10	138.6	8.45	3015.1	13.42	50.00	0.998	10.32	84.22	159.6	537.0	36.53	543.3	150.9
30-Nov-15	11:24:15	138.3	8.46	3016.6	13.42	50.11	0.998	10.32	84.91	159.6	537.0	36.53	543.3	150.9
30-Nov-15	11:24:20	138.9	7.17	3017.0	13.34	50.11	0.999	10.32	85.73	159.5	536.9	36.53	543.3	150.9
30-Nov-15	11:24:25	139.2	8.57	3012.4	13.34	50.11	0.998	10.32	83.81	159.7	536.9	36.53	543.3	150.9
30-Nov-15	11:24:30	138.7	10.97	3009.6	13.34	50.00	0.997	10.58	86.33	159.8	536.8	36.53	543.3	150.9
30-Nov-15	11:24:35	138.8	10.18	3011.6	13.41	50.00	0.997	10.46	85.29	159.9	536.8	36.53	543.3	150.9
30-Nov-15	11:24:40	138.5	9.51	3013.6	13.41	50.00	0.998	10.36	83.91	159.8	536.9	36.53	543.4	150.9
30-Nov-15	11:24:45	138.6	7.99	3014.6	13.41	50.00	0.998	10.36	85.85	159.8	537.0	36.53	543.5	150.9
30-Nov-15	11:24:50	138.5	8.84	3018.4	13.41	50.11	0.998	10.45	85.03	159.7	537.0	36.53	543.6	150.9
30-Nov-15	11:24:55	138.9	7.13	3020.7	13.34	50.11	0.999	10.23	84.15	159.7	537.1	36.53	543.6	150.9
30-Nov-15</														

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	11:28:30	139.2	7.41	3023.3	13.41	50.11	0.999	10.34	85.85	160.2	537.1	36.75	544.1	150.9
30-Nov-15	11:28:35	139.5	7.14	3019.1	13.34	50.11	0.999	10.23	83.61	160.2	537.1	36.75	544.1	150.9
30-Nov-15	11:28:40	138.8	11.65	3018.3	13.41	50.11	0.996	10.23	86.18	160.1	537.1	36.75	544.0	150.9
30-Nov-15	11:28:45	138.6	9.68	3021.4	13.41	50.11	0.998	10.23	85.07	160.1	537.0	36.75	543.9	150.9
30-Nov-15	11:28:50	139.2	6.94	3021.5	13.41	50.11	0.999	10.23	84.10	160.1	536.8	36.75	543.8	150.9
30-Nov-15	11:28:55	139.3	8.48	3018.8	13.41	50.11	0.998	10.23	85.43	160.2	536.7	36.75	543.6	150.9
30-Nov-15	11:29:00	138.9	10.79	3019.3	13.41	50.11	0.997	10.42	84.09	160.3	536.6	36.75	543.6	150.9
30-Nov-15	11:29:05	139.2	7.44	3019.9	13.41	50.11	0.999	10.31	85.88	160.4	536.5	36.75	543.6	150.9
30-Nov-15	11:29:10	139.5	8.87	3020.6	13.41	50.11	0.998	10.31	83.72	160.4	536.5	36.75	543.6	150.9
30-Nov-15	11:29:15	139.4	9.08	3016.2	13.34	50.11	0.998	10.31	85.77	160.4	536.6	36.75	543.6	150.9
30-Nov-15	11:29:20	139.3	10.67	3016.0	13.34	50.11	0.997	10.31	83.73	160.4	536.6	36.75	543.8	150.9
30-Nov-15	11:29:25	139.5	10.46	3019.1	13.42	50.11	0.997	10.31	86.47	160.4	536.6	36.75	543.8	150.9
30-Nov-15	11:29:30	139.4	7.63	3018.5	13.35	50.11	0.999	10.31	83.89	160.4	536.7	36.75	543.9	150.9
30-Nov-15	11:29:35	139.3	9.96	3017.9	13.35	50.11	0.997	10.43	85.54	160.4	536.7	36.75	543.9	150.9
30-Nov-15	11:29:40	139.5	9.36	3020.7	13.35	50.11	0.998	10.43	84.73	160.6	536.7	36.75	543.9	150.9
30-Nov-15	11:29:45	139.8	7.64	3020.9	13.35	50.11	0.999	10.43	84.76	160.7	536.7	36.75	543.9	150.9
30-Nov-15	11:29:50	139.8	9.52	3022.1	13.35	50.11	0.998	10.43	85.30	160.7	536.7	36.75	543.9	150.9
30-Nov-15	11:29:55	139.8	7.36	3020.9	13.35	50.11	0.999	10.21	83.68	160.6	536.7	36.75	544.0	150.9
30-Nov-15	11:30:00	139.9	9.05	3020.7	13.35	50.11	0.998	10.35	85.95	160.5	536.7	36.75	544.0	150.9
30-Nov-15	11:30:05	139.5	9.16	3020.0	13.35	50.11	0.998	10.47	83.64	160.5	536.7	36.75	544.0	150.9
30-Nov-15	11:30:10	139.5	8.20	3019.8	13.35	50.11	0.998	10.47	85.78	160.4	536.7	36.75	544.0	150.9
30-Nov-15	11:30:15	139.6	8.42	3019.2	13.35	50.11	0.998	10.47	84.57	160.2	536.7	36.75	543.9	150.9
30-Nov-15	11:30:20	139.2	10.38	3019.1	13.35	50.11	0.997	10.47	84.81	160.2	536.6	36.75	543.9	150.9
30-Nov-15	11:30:25	139.4	7.98	3020.0	13.35	50.11	0.998	10.68	84.66	160.2	536.5	36.75	543.7	150.9
30-Nov-15	11:30:30	139.5	9.14	3019.3	13.35	50.11	0.998	10.66	84.13	160.4	536.3	36.75	543.6	150.9
30-Nov-15	11:30:35	139.3	9.45	3019.1	13.35	50.11	0.998	10.42	85.05	160.6	536.3	36.75	543.6	150.9
30-Nov-15	11:30:40	139.9	7.87	3021.6	13.35	50.11	0.998	10.42	83.53	160.7	536.3	36.75	543.6	150.9
30-Nov-15	11:30:45	139.6	9.31	3020.1	13.35	50.11	0.998	10.42	85.93	160.7	536.3	36.75	543.7	150.9
30-Nov-15	11:30:50	139.5	8.95	3020.9	13.35	50.11	0.998	10.07	83.73	160.5	536.5	36.75	543.7	150.9
30-Nov-15	11:30:55	139.3	8.05	3021.2	13.35	50.11	0.998	10.29	85.86	160.5	536.5	36.75	543.9	150.9
30-Nov-15	11:31:00	139.4	6.99	3022.0	13.35	50.11	0.999	10.29	83.73	160.4	536.6	36.75	543.9	150.9
30-Nov-15	11:31:05	139.8	7.82	3021.0	13.35	50.11	0.998	10.29	85.83	160.3	536.6	36.75	543.9	150.9
30-Nov-15	11:31:10	139.9	8.84	3014.1	13.35	50.11	0.998	10.29	83.74	160.1	536.6	36.75	543.9	150.9
30-Nov-15	11:31:15	139.5	13.96	3010.4	13.43	50.00	0.995	10.17	86.13	160.1	536.5	36.75	543.7	150.9
30-Nov-15	11:31:20	138.6	12.75	3014.2	13.43	50.00	0.996	10.17	84.78	160.1	536.3	36.75	543.6	150.9
30-Nov-15	11:31:25	139.2	7.96	3020.9	13.43	50.12	0.998	10.17	84.02	160.1	536.2	36.75	543.6	150.9
30-Nov-15	11:31:30	139.3	6.98	3020.9	13.36	50.12	0.999	10.27	85.61	160.0	536.2	36.75	543.5	150.9
30-Nov-15	11:31:35	139.3	9.48	3020.1	13.36	50.12	0.998	10.27	84.10	160.0	536.1	36.75	543.5	150.9
30-Nov-15	11:31:40	139.2	9.29	3018.8	13.36	50.12	0.998	10.27	85.57	159.9	536.1	36.75	543.4	151.0
30-Nov-15	11:31:45	139.1	9.32	3017.7	13.36	50.12	0.998	10.40	83.68	159.9	536.0	36.75	543.3	151.0
30-Nov-15	11:31:50	139.4	9.28	3016.9	13.36	50.12	0.998	10.41	85.83	160.0	535.9	36.75	543.3	151.0
30-Nov-15	11:31:55	139.1	8.40	3019.1	13.36	50.12	0.998	10.35	83.30	160.0	535.8	36.75	543.3	151.0
30-Nov-15	11:32:00	139.0	9.53	3015.2	13.36	50.12	0.998	10.30	86.04	160.2	535.8	36.75	543.2	151.0
30-Nov-15	11:32:05	138.8	10.57	3018.5	13.36	50.12	0.997	10.30	84.79	160.2	535.8	36.75	543.2	151.0
30-Nov-15	11:32:10	139.1	8.02	3022.3	13.36	50.12	0.998	10.40	84.56	160.2	535.9	36.75	543.2	151.0
30-Nov-15	11:32:15	139.3	8.27	3020.7	13.36	50.12	0.998	10.40	85.37	160.0	535.9	36.75	543.3	151.0
30-Nov-15	11:32:20	139.3	9.66	3018.6	13.36	50.12	0.998	10.40	84.62	160.0	535.9	36.75	543.3	151.0
30-Nov-15	11:32:25	138.9	9.43	3019.3	13.36	50.12	0.998	10.40	85.29	160.1	536.0	36.75	543.3	151.0
30-Nov-15	11:32:30	139.4	7.20	3018.4	13.36	50.12	0.999	10.40	83.73	160.3	536.0	36.75	543.3	151.0
30-Nov-15	11:32:35	139.2	9.79	3015.3	13.36	50.12	0.998	10.40	86.09	160.3	536.1	36.75	543.3	151.0
30-Nov-15	11:32:40	139.0	9.73	3015.3	13.36	50.12	0.998	10.40	84.34	160.2	536.2	36.75	543.4	151.0
30-Nov-15	11:32:45	139.0	9.72	3016.1	13.36	50.12	0.998	10.17	84.63	160.2	536.3	36.75	543.5	151.0
30-Nov-15	11:32:50	138.8	9.35	3016.9	13.36	50.12	0.998	10.31	85.49	160.0	536.3	36.75	543.5	151.0
30-Nov-15	11:32:55	138.8	9.18	3020.0	13.36	50.12	0.998	10.43	83.80	160.0	536.3	36.75	543.5	151.0
30-Nov-15	11:33:00	138.7	8.47	3024.6	13.36	50.23	0.998	10.43	85.94	159.9	536.3	36.65	543.5	151.0
30-Nov-15	11:33:05	139.0	6.44	3020.7	13.32	50.23	0.999	10.32	83.98	159.9	536.3	36.65	543.5	151.0
30-Nov-15	11:33:10	138.7	9.82	3019.3	13.36	50.23	0.998	10.32	86.07	159.9	536.3	36.65	543.4	151.0
30-Nov-15	11:33:15	139.0	7.85	3020.8	13.36	50.23	0.998	10.43	85.36	159.9	536.2	36.65	543.4	151.0
30-Nov-15	11:33:20	139.0	7.50	3018.3	13.36	50.23	0.998	10.43	84.47	160.1	536.2	36.65	543.4	151.0
30-Nov-15	11:33:25	139.0	11.43	3012.8	13.36	50.10	0.997	10.29	86.24	160.2	536.1	36.65	543.3	151.0
30-Nov-15	11:33:30	138.5	10.76	3016.9	13.43	50.10	0.997	10.20	84.53	160.2	536.1	36.65	543.3	151.0
30-Nov-15	11:33:35	139.2	6.98	3020.9	13.36	50.10	0.999	10.20	84.15	160.3	536.1	36.65	543.3	151.0
30-Nov-15	11:33:40	139.4	8.43	3016.8	13.33	50.10	0.998	10.20	85.49	160.3	536.2	36.65	543.4	151.0
30-Nov-15	11:33:45	138.8	10.85	3015.3	13.36	50.10	0.997	10.20	83.82	160.2	536.3	36.65	543.5	151.0
30-Nov-15	11:33:50	139.1	9.30	3018.4	13.36	50.10	0.998	10.32	86.00	160.2	536.4	36.65	543.5	151.0
30-Nov-15	11:33:55	139.5	7.73	3020.5	13.36	50.10	0.998	10.32	83.87	160.2	536.4	36.65	543.5	151.0
30-Nov-15	11:34:00	139.4	9.36	3019.2	13.36	50.10	0.998	10.32	85.83	160.2	536.4	36.65	543.5	151.0
30-Nov-15	11:34:05	139.4	9.13	3017.7	13.36	50.10	0.998	10.12	83.90	160.2	536.4	36.65	543.5	151.0
30-Nov-15	11:34:10	138.9	10.74	3018.2	13.36	50.10	0.997	10.24	86.16	160.1	536.4	36.65	543.5	151.0
30-Nov-15	11:34:15	139.5	8.18	3019.3	13.36	50.10	0.998	10.24	84.28	160.2	536.4	36.65	543.5	151.0
30-Nov-15	11:34:20	139.6	9.26	3016.7	13.36	50.10	0.998	10.53	85.41	160.3	536.4	36.65	543.5	151.0
30-Nov-15	11:34:25	139.3	10.41	3015.3	13.36	50.10	0.997	10.40	84.52	160.4	536.4	36.65	543.5	151.0
30-Nov-15	11:34:30	139.3	10.36	3018.7	13.36	50.10	0.997	10.40	84.83	160.4	536.5	36.65	543.7	151.0
30-Nov-15	11:34:35	139.6	8.10	3018.3	13.36	50.10	0.998	10.27	84.88	160.4	536.6	36.65	543.8	151.0
30-Nov-15	11:34:40	139.5	8.32	3015.3	13.36	50.10	0.998	10.27	84.69	160.3	536.7	36.65	543.8	151.0
30-Nov-15	11:34:45	139.3	10.82	3015.3	13.36	50.10	0.997	10.26	84.47	160.2	536.8	36.65	543.8	151.0
30-Nov-15	11:3													

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	11:38:20	138.8	8.73	3017.0	13.37	50.10	0.998	10.55	85.09	159.9	536.8	36.53	543.6	151.1
30-Nov-15	11:38:25	138.8	9.63	3018.3	13.37	50.10	0.998	10.44	84.14	160.1	536.8	36.53	543.6	151.1
30-Nov-15	11:38:30	139.1	8.39	3017.7	13.37	50.10	0.998	10.44	86.06	160.0	536.9	36.53	543.7	151.1
30-Nov-15	11:38:35	139.0	9.93	3015.1	13.37	50.10	0.997	10.44	83.92	160.0	537.0	36.53	543.8	151.1
30-Nov-15	11:38:40	138.4	10.21	3015.1	13.37	50.10	0.997	10.44	85.97	159.8	537.1	36.53	543.8	151.2
30-Nov-15	11:38:45	138.8	8.04	3017.9	13.37	50.10	0.998	10.44	85.18	159.8	537.1	36.53	543.8	151.2
30-Nov-15	11:38:50	138.5	9.38	3019.1	13.37	50.10	0.998	10.44	83.80	160.0	537.1	36.53	543.8	151.2
30-Nov-15	11:38:55	139.1	7.86	3023.3	13.37	50.20	0.998	10.44	86.12	160.1	537.1	36.64	543.8	151.2
30-Nov-15	11:39:00	139.5	5.97	3022.2	13.37	50.20	0.999	10.44	84.50	160.2	537.1	36.64	543.8	151.2
30-Nov-15	11:39:05	139.7	8.34	3015.2	13.37	50.09	0.998	10.44	84.01	160.2	537.1	36.64	543.9	151.2
30-Nov-15	11:39:10	138.7	13.14	3009.0	13.44	49.98	0.996	10.02	86.52	160.1	537.2	36.64	543.9	151.2
30-Nov-15	11:39:15	138.6	11.53	3014.8	13.48	50.10	0.997	10.26	84.36	160.1	537.3	36.64	544.0	151.2
30-Nov-15	11:39:20	139.0	6.76	3019.1	13.35	50.10	0.999	10.37	84.51	160.1	537.3	36.64	544.0	151.2
30-Nov-15	11:39:25	139.2	8.63	3020.6	13.35	50.10	0.998	10.37	85.57	160.0	537.3	36.64	544.0	151.2
30-Nov-15	11:39:30	139.4	7.97	3019.4	13.35	50.10	0.998	10.37	84.14	160.0	537.3	36.64	544.0	151.3
30-Nov-15	11:39:35	138.8	10.21	3017.5	13.35	50.10	0.997	10.37	85.02	160.0	537.3	36.64	544.0	151.3
30-Nov-15	11:39:40	139.0	9.59	3020.8	13.35	50.10	0.998	10.50	84.07	160.1	537.2	36.64	544.0	151.3
30-Nov-15	11:39:45	139.3	6.95	3021.5	13.35	50.10	0.999	10.48	84.92	160.2	537.2	36.64	543.9	151.3
30-Nov-15	11:39:50	139.3	8.70	3021.1	13.35	50.10	0.998	10.48	84.51	160.4	537.1	36.64	543.9	151.3
30-Nov-15	11:39:55	139.4	8.64	3020.7	13.35	50.10	0.998	10.48	85.26	160.4	537.1	36.64	544.0	151.3
30-Nov-15	11:40:00	139.8	7.38	3016.3	13.35	50.10	0.999	10.06	83.94	160.3	537.2	36.64	544.0	151.3
30-Nov-15	11:40:05	138.9	12.39	3013.4	13.43	50.10	0.996	10.27	85.75	160.1	537.2	36.64	544.1	151.3
30-Nov-15	11:40:10	139.0	9.48	3015.3	13.43	50.10	0.998	10.27	83.80	160.0	537.2	36.64	544.1	151.3
30-Nov-15	11:40:15	139.3	8.80	3018.8	13.43	50.10	0.998	10.27	86.08	159.9	537.2	36.64	544.1	151.3
30-Nov-15	11:40:20	138.6	9.63	3018.3	13.34	50.10	0.998	10.27	83.75	159.9	537.1	36.64	544.0	151.3
30-Nov-15	11:40:25	138.8	9.04	3022.3	13.34	50.20	0.998	10.27	86.43	159.8	537.0	36.64	544.0	151.3
30-Nov-15	11:40:30	139.4	6.46	3022.3	13.34	50.20	0.999	10.37	83.57	159.7	536.8	36.64	543.9	151.3
30-Nov-15	11:40:35	139.3	8.61	3016.1	13.34	50.09	0.998	10.37	85.74	159.7	536.6	36.64	543.8	151.3
30-Nov-15	11:40:40	139.0	11.07	3014.3	13.34	50.09	0.997	10.62	84.08	159.8	536.5	36.64	543.6	151.3
30-Nov-15	11:40:45	138.2	11.88	3017.5	13.45	50.09	0.996	10.48	85.93	159.9	536.4	36.64	543.5	151.3
30-Nov-15	11:40:50	138.5	6.42	3026.2	13.45	50.21	0.999	10.48	84.78	160.1	536.4	36.64	543.5	151.3
30-Nov-15	11:40:55	139.6	4.69	3026.3	13.32	50.21	0.999	10.48	84.09	160.1	536.4	36.64	543.6	151.3
30-Nov-15	11:41:00	139.0	7.35	3020.2	13.32	50.21	0.999	10.48	85.21	160.1	536.5	36.64	543.6	151.3
30-Nov-15	11:41:05	139.3	8.79	3016.9	13.35	50.10	0.998	10.48	83.82	159.9	536.6	36.64	543.8	151.3
30-Nov-15	11:41:10	139.2	10.86	3015.2	13.39	50.10	0.997	10.48	86.36	159.8	536.6	36.64	543.8	151.3
30-Nov-15	11:41:15	138.8	10.95	3015.3	13.39	50.10	0.997	10.48	83.88	159.7	536.7	36.64	543.8	151.3
30-Nov-15	11:41:20	138.9	9.16	3017.5	13.39	50.10	0.998	10.48	85.91	159.6	536.7	36.64	543.8	151.3
30-Nov-15	11:41:25	138.2	9.52	3023.0	13.42	50.20	0.998	10.48	84.74	159.6	536.6	36.64	543.8	151.3
30-Nov-15	11:41:30	139.1	6.18	3028.7	13.38	50.20	0.999	10.48	84.35	159.6	536.6	36.64	543.6	151.3
30-Nov-15	11:41:35	139.2	6.52	3021.4	13.25	50.20	0.999	10.48	83.97	159.9	536.5	36.64	543.6	151.3
30-Nov-15	11:41:40	139.4	9.04	3016.9	13.37	50.10	0.997	10.48	85.99	160.0	536.5	36.64	543.6	151.3
30-Nov-15	11:41:45	138.5	11.37	3017.3	13.37	50.10	0.997	10.48	84.12	160.0	536.5	36.64	543.6	151.3
30-Nov-15	11:41:50	138.8	11.13	3017.3	13.37	50.10	0.997	10.38	85.86	160.0	536.5	36.64	543.8	151.3
30-Nov-15	11:41:55	138.6	8.99	3023.5	13.37	50.22	0.998	10.51	85.73	159.9	536.6	36.64	543.9	151.3
30-Nov-15	11:42:00	138.6	5.26	3026.6	13.37	50.22	0.999	10.39	84.20	159.9	536.7	36.64	543.9	151.3
30-Nov-15	11:42:05	138.8	6.44	3028.0	13.37	50.22	0.999	10.39	85.55	159.8	536.8	36.64	543.9	151.3
30-Nov-15	11:42:10	139.1	6.00	3025.6	13.37	50.22	0.999	10.39	83.79	159.8	536.8	36.64	543.9	151.3
30-Nov-15	11:42:15	138.8	8.61	3021.1	13.37	50.22	0.998	10.29	85.89	159.7	536.8	36.64	543.9	151.3
30-Nov-15	11:42:20	138.6	9.97	3020.7	13.37	50.22	0.997	10.29	84.81	159.7	536.8	36.64	543.9	151.3
30-Nov-15	11:42:25	138.2	8.61	3020.2	13.37	50.22	0.998	10.29	83.78	159.7	536.7	36.64	543.9	151.3
30-Nov-15	11:42:30	138.6	8.52	3024.5	13.37	50.22	0.998	10.59	85.85	159.8	536.6	36.64	543.8	151.3
30-Nov-15	11:42:35	138.9	6.25	3026.7	13.37	50.22	0.999	10.35	83.84	159.9	536.6	36.64	543.8	151.3
30-Nov-15	11:42:40	138.4	7.35	3026.4	13.37	50.22	0.999	10.35	86.17	159.9	536.6	36.64	543.8	151.3
30-Nov-15	11:42:45	139.7	2.83	3025.2	13.26	50.22	1.000	10.35	84.17	159.9	536.6	36.64	543.9	151.3
30-Nov-15	11:42:50	138.7	11.95	3015.8	13.38	50.11	0.996	9.97	85.13	159.8	536.7	36.64	543.9	151.3
30-Nov-15	11:42:55	138.4	12.81	3017.5	13.48	50.11	0.996	10.23	85.41	159.7	536.7	36.64	544.0	151.3
30-Nov-15	11:43:00	138.5	10.02	3021.5	13.48	50.11	0.997	10.23	83.94	159.6	536.7	36.64	544.0	151.3
30-Nov-15	11:43:05	138.6	8.67	3023.1	13.37	50.22	0.998	10.23	86.17	159.6	536.7	36.64	544.0	151.3
30-Nov-15	11:43:10	138.9	9.50	3023.7	13.37	50.22	0.998	10.23	84.64	159.7	536.6	36.64	544.0	151.3
30-Nov-15	11:43:15	138.9	8.32	3025.5	13.37	50.22	0.998	10.39	85.03	159.8	536.6	36.64	543.9	151.3
30-Nov-15	11:43:20	138.6	8.81	3023.9	13.37	50.22	0.998	10.39	84.85	159.8	536.6	36.64	543.9	151.3
30-Nov-15	11:43:25	138.5	9.39	3024.7	13.37	50.22	0.998	10.39	84.24	159.8	536.6	36.64	543.9	151.3
30-Nov-15	11:43:30	138.7	8.71	3024.7	13.37	50.22	0.998	10.01	85.01	159.7	536.6	36.64	543.9	151.3
30-Nov-15	11:43:35	138.6	9.68	3023.9	13.37	50.22	0.998	10.26	84.01	159.6	536.6	36.64	543.9	151.3
30-Nov-15	11:43:40	138.6	9.26	3025.4	13.37	50.22	0.998	10.26	85.15	159.6	536.6	36.64	543.9	151.3
30-Nov-15	11:43:45	139.0	7.50	3026.5	13.37	50.22	0.999	10.26	85.26	159.7	536.6	36.64	543.8	151.3
30-Nov-15	11:43:50	139.1	8.46	3024.4	13.37	50.22	0.998	10.51	83.91	159.8	536.5	36.64	543.8	151.3
30-Nov-15	11:43:55	138.9	10.39	3022.5	13.37	50.22	0.997	10.39	85.72	159.8	536.4	36.64	543.8	151.3
30-Nov-15	11:44:00	139.4	8.70	3021.5	13.37	50.22	0.998	10.39	84.27	159.7	536.4	36.64	543.8	151.3
30-Nov-15	11:44:05	138.9	11.07	3016.9	13.37	50.11	0.997	10.39	85.33	159.7	536.4	36.64	543.8	151.3
30-Nov-15	11:44:10	138.1	12.21	3018.2	13.37	50.11	0.996	10.39	84.95	159.5	536.6	36.64	543.8	151.3
30-Nov-15	11:44:15	138.2	7.08	3026.8	13.49	50.22	0.999	10.49	83.92	159.5	536.6	36.64	543.8	151.3
30-Nov-15	11:44:20	139.5	2.59	3025.0	13.24	50.22	1.000	10.49	84.80	159.5	536.6	36.64	543.8	151.3
30-Nov-15	11:44:25	138.8	10.39	3017.9	13.35	50.22	0.997	10.49	84.33	159.8	536.5	36.64	543.8	151.3
30-Nov-15	11:44:30	139.4	8.35	3017.7	13.39	50.12	0.998	10.47	85.98	159.9	536.5	36.64	543.8	151.3
30-Nov-15	11:44:35	138.5	10.38	3016.1	13.39	50.12	0.997	10.36	84.01	159.9	536.5	36.64	543.8	151.3

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	11:48:10	139.6	8.85	3024.1	13.35	50.23	0.998	10.38	84.19	160.7	536.8	36.74	544.6	151.5
30-Nov-15	11:48:15	139.6	9.23	3023.3	13.35	50.23	0.998	10.38	84.78	160.7	537.0	36.74	544.7	151.5
30-Nov-15	11:48:20	139.9	7.62	3023.3	13.35	50.23	0.999	10.10	85.21	160.7	537.0	36.74	544.8	151.5
30-Nov-15	11:48:25	139.5	9.80	3023.3	13.35	50.23	0.998	10.21	83.74	160.5	537.0	36.74	544.8	151.5
30-Nov-15	11:48:30	139.5	8.91	3027.9	13.35	50.23	0.998	10.21	86.03	160.4	537.0	36.74	544.8	151.5
30-Nov-15	11:48:35	139.9	4.76	3022.3	13.22	50.23	0.999	10.21	83.82	160.4	537.0	36.74	544.8	151.5
30-Nov-15	11:48:40	139.6	11.09	3020.9	13.44	50.23	0.997	10.21	86.25	160.3	537.0	36.74	544.8	151.5
30-Nov-15	11:48:45	139.7	9.32	3021.0	13.44	50.23	0.998	10.51	83.67	160.3	536.9	36.74	544.7	151.5
30-Nov-15	11:48:50	139.5	9.38	3019.3	13.44	50.23	0.997	10.28	85.73	160.3	536.7	36.74	544.6	151.5
30-Nov-15	11:48:55	139.8	9.90	3016.2	13.44	50.12	0.997	10.28	83.53	160.6	536.6	36.74	544.5	151.5
30-Nov-15	11:49:00	139.0	12.28	3020.5	13.44	50.12	0.996	10.28	86.02	160.7	536.6	36.74	544.5	151.5
30-Nov-15	11:49:05	140.1	5.89	3020.0	13.32	50.22	0.999	10.38	84.45	160.7	536.6	36.74	544.5	151.5
30-Nov-15	11:49:10	140.2	6.63	3024.1	13.32	50.22	0.999	10.38	84.24	160.7	536.6	36.74	544.6	151.5
30-Nov-15	11:49:15	139.6	9.80	3020.0	13.32	50.22	0.998	10.27	85.72	160.5	536.6	36.74	544.7	151.5
30-Nov-15	11:49:20	139.4	10.09	3022.4	13.43	50.22	0.997	10.38	83.35	160.4	536.7	36.74	544.7	151.5
30-Nov-15	11:49:25	139.6	7.48	3024.7	13.43	50.22	0.999	10.38	85.77	160.3	536.7	36.74	544.7	151.5
30-Nov-15	11:49:30	139.6	8.85	3024.5	13.43	50.22	0.998	10.38	83.81	160.3	536.7	36.74	544.7	151.5
30-Nov-15	11:49:35	139.3	8.96	3027.1	13.43	50.22	0.998	10.38	85.87	160.2	536.6	36.74	544.6	151.5
30-Nov-15	11:49:40	140.1	6.04	3025.8	13.32	50.22	0.999	10.38	83.42	160.2	536.5	36.74	544.5	151.5
30-Nov-15	11:49:45	139.5	9.55	3021.2	13.32	50.22	0.998	10.38	85.85	160.2	536.4	36.74	544.4	151.5
30-Nov-15	11:49:50	139.5	10.13	3020.1	13.36	50.22	0.997	10.38	84.42	160.4	536.3	36.74	544.4	151.5
30-Nov-15	11:49:55	139.2	9.54	3021.8	13.36	50.22	0.998	10.38	84.79	160.5	536.2	36.74	544.4	151.5
30-Nov-15	11:50:00	139.6	7.55	3025.4	13.36	50.22	0.999	10.48	85.22	160.5	536.2	36.74	544.4	151.5
30-Nov-15	11:50:05	139.6	8.10	3023.9	13.36	50.22	0.998	10.15	84.54	160.5	536.3	36.74	544.5	151.5
30-Nov-15	11:50:10	139.7	8.78	3025.5	13.36	50.22	0.998	10.41	85.18	160.4	536.3	36.74	544.5	151.5
30-Nov-15	11:50:15	139.7	7.58	3024.0	13.36	50.22	0.999	10.41	84.50	160.2	536.4	36.74	544.5	151.5
30-Nov-15	11:50:20	139.2	10.08	3024.4	13.39	50.22	0.997	10.41	84.77	160.2	536.4	36.74	544.5	151.5
30-Nov-15	11:50:25	139.6	7.21	3025.7	13.39	50.22	0.999	10.41	84.05	160.1	536.4	36.74	544.5	151.5
30-Nov-15	11:50:30	139.2	9.04	3022.8	13.36	50.22	0.998	10.41	85.88	160.0	536.3	36.74	544.5	151.5
30-Nov-15	11:50:35	139.6	7.62	3022.6	13.36	50.22	0.999	10.30	83.72	160.0	536.2	36.74	544.4	151.5
30-Nov-15	11:50:40	139.3	10.16	3020.8	13.36	50.22	0.997	10.58	86.29	160.0	536.1	36.74	544.3	151.5
30-Nov-15	11:50:45	139.1	11.01	3022.2	13.36	50.22	0.997	10.36	84.78	160.2	536.0	36.74	544.2	151.5
30-Nov-15	11:50:50	139.3	7.64	3023.2	13.36	50.22	0.998	10.36	84.16	160.2	536.0	36.74	544.2	151.5
30-Nov-15	11:50:55	139.2	9.27	3024.1	13.36	50.22	0.998	10.36	85.50	160.2	536.0	36.74	544.2	151.5
30-Nov-15	11:51:00	139.1	7.59	3023.3	13.36	50.22	0.999	10.36	83.93	160.2	536.0	36.74	544.3	151.5
30-Nov-15	11:51:05	139.1	7.88	3023.3	13.36	50.22	0.998	10.09	86.04	160.1	536.1	36.74	544.3	151.5
30-Nov-15	11:51:10	139.3	7.58	3024.8	13.36	50.22	0.999	10.20	83.67	160.1	536.1	36.74	544.3	151.5
30-Nov-15	11:51:15	139.2	8.27	3022.5	13.36	50.22	0.998	10.20	85.95	160.1	536.1	36.74	544.3	151.5
30-Nov-15	11:51:20	139.2	9.59	3023.1	13.36	50.22	0.998	10.20	83.80	160.0	536.1	36.74	544.3	151.5
30-Nov-15	11:51:25	139.4	8.10	3021.7	13.36	50.22	0.998	10.20	85.90	160.0	536.1	36.74	544.3	151.5
30-Nov-15	11:51:30	139.4	9.03	3018.2	13.36	50.11	0.998	10.20	83.65	160.0	536.1	36.74	544.2	151.5
30-Nov-15	11:51:35	139.7	7.58	3024.0	13.43	50.22	0.999	10.41	86.34	160.0	536.1	36.74	544.2	151.5
30-Nov-15	11:51:40	138.8	9.11	3020.9	13.43	50.11	0.998	10.30	85.96	160.1	536.0	36.74	544.1	151.5
30-Nov-15	11:51:45	138.9	9.16	3023.9	13.43	50.22	0.998	10.30	83.77	160.4	536.0	36.74	544.1	151.5
30-Nov-15	11:51:50	139.0	6.54	3027.2	13.43	50.22	0.999	10.30	85.79	160.4	536.0	36.74	544.2	151.5
30-Nov-15	11:51:55	139.9	3.86	3022.4	13.25	50.22	1.000	10.30	83.19	160.4	536.2	36.74	544.3	151.5
30-Nov-15	11:52:00	139.5	11.96	3016.7	13.39	50.12	0.996	10.30	85.88	160.4	536.4	36.74	544.4	151.5
30-Nov-15	11:52:05	139.1	11.54	3015.3	13.39	50.12	0.997	10.30	83.84	160.3	536.5	36.74	544.4	151.5
30-Nov-15	11:52:10	138.8	11.70	3016.8	13.39	50.12	0.996	10.30	86.15	160.1	536.5	36.74	544.4	151.5
30-Nov-15	11:52:15	138.9	8.78	3023.2	13.39	50.22	0.998	10.40	85.34	160.1	536.6	36.74	544.4	151.5
30-Nov-15	11:52:20	139.2	6.97	3023.9	13.39	50.22	0.999	10.40	83.70	160.1	536.6	36.74	544.4	151.5
30-Nov-15	11:52:25	139.3	8.97	3020.9	13.39	50.22	0.998	10.40	85.99	160.1	536.6	36.74	544.4	151.5
30-Nov-15	11:52:30	139.1	10.06	3023.2	13.39	50.22	0.997	10.40	83.99	160.1	536.5	36.74	544.4	151.5
30-Nov-15	11:52:35	139.6	6.95	3021.8	13.39	50.22	0.999	10.40	84.89	160.3	536.5	36.74	544.4	151.5
30-Nov-15	11:52:40	139.5	9.05	3020.1	13.39	50.22	0.998	10.40	84.34	160.5	536.4	36.74	544.3	151.5
30-Nov-15	11:52:45	139.6	8.99	3021.7	13.39	50.22	0.998	10.40	86.07	160.6	536.4	36.74	544.3	151.5
30-Nov-15	11:52:50	139.5	8.30	3022.5	13.39	50.22	0.998	10.16	83.69	160.6	536.5	36.74	544.5	151.5
30-Nov-15	11:52:55	139.4	8.77	3022.8	13.39	50.22	0.998	10.29	85.80	160.5	536.6	36.74	544.5	151.5
30-Nov-15	11:53:00	139.9	7.62	3023.0	13.39	50.22	0.999	10.29	83.67	160.5	536.7	36.74	544.7	151.5
30-Nov-15	11:53:05	139.7	8.88	3022.2	13.39	50.22	0.998	10.39	86.07	160.3	536.6	36.74	544.7	151.5
30-Nov-15	11:53:10	139.3	10.93	3022.7	13.39	50.22	0.997	10.39	84.06	160.3	536.8	36.74	544.7	151.5
30-Nov-15	11:53:15	140.0	6.80	3023.1	13.39	50.22	0.999	10.28	84.97	160.2	536.8	36.74	544.7	151.5
30-Nov-15	11:53:20	139.5	9.94	3018.3	13.35	50.12	0.997	10.28	85.32	160.2	536.8	36.74	544.7	151.5
30-Nov-15	11:53:25	139.0	10.57	3018.5	13.39	50.12	0.997	10.28	84.72	160.2	536.7	36.74	544.5	151.5
30-Nov-15	11:53:30	139.2	7.73	3021.7	13.39	50.12	0.998	10.48	84.53	160.4	536.6	36.74	544.4	151.5
30-Nov-15	11:53:35	139.7	7.32	3022.5	13.39	50.12	0.999	10.34	84.96	160.5	536.6	36.74	544.4	151.5
30-Nov-15	11:53:40	139.6	9.12	3021.7	13.39	50.12	0.998	10.34	83.98	160.5	536.6	36.74	544.4	151.5
30-Nov-15	11:53:45	139.1	10.21	3023.3	13.39	50.23	0.997	10.46	85.42	160.4	536.6	36.74	544.5	151.5
30-Nov-15	11:53:50	139.4	7.03	3025.7	13.39	50.23	0.999	10.46	83.56	160.3	536.6	36.74	544.5	151.5
30-Nov-15	11:53:55	139.8	7.05	3023.4	13.39	50.23	0.999	10.22	85.81	160.3	536.7	36.74	544.5	151.5
30-Nov-15	11:54:00	139.5	9.07	3020.2	13.39	50.23	0.998	10.22	83.43	160.2	536.7	36.74	544.5	151.5
30-Nov-15	11:54:05	139.2	9.89	3021.3	13.39	50.23	0.997	10.35	86.27	160.2	536.7	36.74	544.5	151.5
30-Nov-15	11:54:10	139.3	7.41	3023.2	13.39	50.23	0.999	10.35	84.32	160.0	536.7	36.74	544.5	151.5
30-Nov-15	11:54:15	139.2	8.02	3023.1	13.39	50.23	0.998	10.35	84.45	160.0	536.6	36.74	544.4	151.5
30-Nov-15	11:54:20	139.7	8.69	3022.9	13.39	50.23	0.998	10.35	85.49	160.0	536.4	36.74	544.3	151.5
30-Nov-15	11:54:25	139.8	9.03	3020.1	13.39	50.23	0.998	10.38	83.97	160.3	536.3	36.74	544.3	151.5

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	11:58:00	138.7	10.82	3015.4	13.39	50.12	0.997	10.46	84.48	159.8	536.8	36.63	544.4	151.5
30-Nov-15	11:58:05	138.7	8.68	3016.1	13.39	50.12	0.998	10.46	85.06	159.8	536.8	36.63	544.4	151.5
30-Nov-15	11:58:10	139.2	7.85	3016.2	13.39	50.12	0.998	10.67	83.68	159.8	536.8	36.63	544.4	151.5
30-Nov-15	11:58:15	139.2	8.93	3015.3	13.39	50.12	0.998	10.54	86.33	160.1	536.8	36.63	544.4	151.5
30-Nov-15	11:58:20	139.4	9.27	3014.5	13.39	50.12	0.998	10.43	84.03	160.2	536.8	36.63	544.4	151.5
30-Nov-15	11:58:25	139.2	9.85	3014.7	13.39	50.12	0.998	10.43	85.67	160.2	536.8	36.63	544.4	151.5
30-Nov-15	11:58:30	139.1	9.34	3017.7	13.39	50.12	0.998	10.43	84.89	160.1	537.0	36.63	544.5	151.5
30-Nov-15	11:58:35	138.6	7.09	3019.3	13.39	50.12	0.999	10.43	83.74	160.1	537.0	36.63	544.6	151.5
30-Nov-15	11:58:40	139.2	10.13	3017.7	13.39	50.12	0.997	10.43	86.32	159.9	537.1	36.63	544.6	151.6
30-Nov-15	11:58:45	139.2	8.16	3018.2	13.39	50.12	0.998	10.43	84.61	159.9	537.1	36.63	544.6	151.6
30-Nov-15	11:58:50	139.5	9.43	3017.7	13.39	50.12	0.998	10.43	84.49	159.8	537.1	36.63	544.6	151.6
30-Nov-15	11:58:55	139.3	8.09	3014.5	13.39	50.12	0.998	10.43	85.20	159.8	537.1	36.63	544.6	151.6
30-Nov-15	11:59:00	139.3	10.27	3011.2	13.39	50.01	0.997	10.32	84.48	160.0	537.0	36.63	544.6	151.6
30-Nov-15	11:59:05	139.4	10.81	3011.3	13.39	50.01	0.997	10.32	85.86	160.1	537.0	36.63	544.6	151.6
30-Nov-15	11:59:10	139.0	10.50	3013.6	13.39	50.01	0.997	10.32	83.96	160.1	537.0	36.63	544.6	151.6
30-Nov-15	11:59:15	139.3	7.53	3017.6	13.39	50.11	0.999	10.18	86.24	160.1	537.0	36.63	544.6	151.6
30-Nov-15	11:59:20	139.2	8.99	3015.2	13.39	50.11	0.998	10.29	84.09	160.1	537.0	36.63	544.7	151.6
30-Nov-15	11:59:25	138.9	10.07	3013.7	13.39	50.11	0.997	10.29	86.36	160.0	537.1	36.63	544.7	151.6
30-Nov-15	11:59:30	139.3	9.33	3016.1	13.39	50.11	0.998	10.29	84.39	160.0	537.1	36.63	544.7	151.6
30-Nov-15	11:59:35	138.8	9.92	3014.5	13.39	50.11	0.997	10.29	84.76	160.0	537.1	36.63	544.7	151.6
30-Nov-15	11:59:40	138.7	9.54	3014.9	13.39	50.11	0.998	10.29	85.22	160.0	537.1	36.63	544.7	151.6
30-Nov-15	11:59:45	138.4	8.50	3016.9	13.39	50.11	0.998	10.29	83.76	160.0	537.0	36.63	544.6	151.6
30-Nov-15	11:59:50	138.8	8.86	3020.0	13.39	50.11	0.998	10.68	86.17	160.1	537.0	36.63	544.6	151.6
30-Nov-15	11:59:55	139.5	6.84	3019.3	13.32	50.11	0.999	10.37	84.02	160.4	536.9	36.63	544.6	151.6
30-Nov-15	12:00:00	139.6	9.80	3015.4	13.32	50.11	0.998	10.27	85.47	160.5	536.9	36.63	544.6	151.6
30-Nov-15	12:00:05	138.9	10.14	3012.9	13.39	50.11	0.997	10.37	83.93	160.5	537.0	36.63	544.7	151.6
30-Nov-15	12:00:10	139.0	10.71	3017.3	13.39	50.11	0.997	10.07	86.42	160.4	537.2	36.63	544.9	151.6
30-Nov-15	12:00:15	139.2	7.20	3017.7	13.39	50.11	0.999	10.18	84.72	160.4	537.3	36.63	545.0	151.6
30-Nov-15	12:00:20	139.3	8.79	3016.9	13.39	50.11	0.998	10.30	84.41	160.3	537.3	36.63	545.1	151.6
30-Nov-15	12:00:25	139.0	9.79	3015.3	13.39	50.11	0.998	10.30	85.62	160.1	537.3	36.63	545.1	151.6
30-Nov-15	12:00:30	138.8	8.77	3016.9	13.39	50.11	0.998	10.19	83.76	160.1	537.3	36.63	545.1	151.6
30-Nov-15	12:00:35	138.8	9.07	3019.3	13.39	50.11	0.998	10.19	85.92	160.0	537.3	36.63	545.0	151.6
30-Nov-15	12:00:40	138.9	6.79	3020.1	13.39	50.11	0.999	10.19	84.73	160.0	537.2	36.63	545.0	151.6
30-Nov-15	12:00:45	138.8	8.03	3019.5	13.39	50.11	0.998	10.30	84.91	159.9	537.1	36.63	544.9	151.6
30-Nov-15	12:00:50	138.9	7.94	3019.3	13.39	50.11	0.998	10.30	85.91	159.8	537.0	36.63	544.7	151.6
30-Nov-15	12:00:55	138.7	9.81	3019.2	13.39	50.11	0.998	10.30	83.94	159.8	536.8	36.63	544.6	151.6
30-Nov-15	12:01:00	138.8	7.52	3019.4	13.39	50.11	0.999	10.52	85.04	159.9	536.6	36.63	544.5	151.6
30-Nov-15	12:01:05	138.9	8.63	3019.3	13.39	50.11	0.998	10.41	85.89	160.0	536.5	36.63	544.4	151.6
30-Nov-15	12:01:10	139.1	8.73	3017.6	13.39	50.11	0.998	10.31	83.83	160.1	536.5	36.63	544.4	151.6
30-Nov-15	12:01:15	139.1	10.01	3017.7	13.39	50.11	0.997	10.31	85.96	160.1	536.5	36.63	544.5	151.6
30-Nov-15	12:01:20	139.1	8.60	3017.0	13.39	50.11	0.998	10.17	83.84	160.0	536.6	36.63	544.5	151.6
30-Nov-15	12:01:25	139.2	10.12	3017.0	13.39	50.11	0.998	10.37	83.39	160.4	536.7	36.63	544.7	151.6
30-Nov-15	12:01:30	139.2	7.97	3020.9	13.39	50.11	0.998	10.46	83.70	159.9	536.7	36.63	544.7	151.6
30-Nov-15	12:01:35	139.5	7.89	3017.5	13.39	50.11	0.998	10.35	85.64	159.9	536.7	36.63	544.7	151.6
30-Nov-15	12:01:40	139.3	10.42	3014.4	13.39	50.11	0.997	10.46	84.45	159.8	536.7	36.63	544.7	151.6
30-Nov-15	12:01:45	138.8	11.12	3012.9	13.39	50.11	0.997	10.46	84.96	159.8	536.7	36.63	544.7	151.6
30-Nov-15	12:01:50	138.8	9.62	3015.6	13.39	50.11	0.998	10.46	86.02	159.9	536.7	36.63	544.7	151.6
30-Nov-15	12:01:55	138.6	8.24	3020.1	13.39	50.11	0.998	10.46	84.00	160.0	536.6	36.63	544.5	151.6
30-Nov-15	12:02:00	139.4	5.41	3021.0	13.32	50.11	0.999	10.17	84.97	160.0	536.6	36.63	544.5	151.6
30-Nov-15	12:02:05	139.4	8.75	3018.5	13.32	50.11	0.998	10.17	84.68	159.9	536.6	36.63	544.7	151.6
30-Nov-15	12:02:10	139.5	8.49	3015.8	13.32	50.11	0.998	10.29	85.61	159.8	536.7	36.63	544.7	151.6
30-Nov-15	12:02:15	138.8	10.97	3012.0	13.40	50.11	0.997	10.29	84.21	159.7	536.7	36.63	544.7	151.6
30-Nov-15	12:02:20	138.9	9.53	3012.0	13.40	50.11	0.998	10.29	86.03	159.6	536.7	36.63	544.7	151.6
30-Nov-15	12:02:25	138.4	11.14	3014.9	13.40	50.11	0.997	10.29	84.96	159.5	536.6	36.63	544.5	151.7
30-Nov-15	12:02:30	138.5	7.00	3017.7	13.40	50.11	0.999	10.29	84.49	159.4	536.5	36.63	544.5	151.7
30-Nov-15	12:02:35	138.7	8.28	3019.3	13.40	50.11	0.998	10.29	85.91	159.4	536.4	36.53	544.4	151.7
30-Nov-15	12:02:40	138.8	7.89	3018.3	13.40	50.11	0.998	10.29	84.09	159.5	536.3	36.53	544.3	151.7
30-Nov-15	12:02:45	138.6	9.33	3016.1	13.40	50.11	0.998	10.44	85.28	159.6	536.2	36.53	544.2	151.7
30-Nov-15	12:02:50	139.3	10.39	3012.9	13.40	50.11	0.998	10.33	84.76	159.7	536.1	36.53	544.2	151.7
30-Nov-15	12:02:55	138.6	9.58	3015.3	13.40	50.11	0.998	10.23	84.02	159.7	536.2	36.53	544.3	151.7
30-Nov-15	12:03:00	139.0	8.18	3016.9	13.40	50.11	0.998	10.00	86.28	159.7	536.3	36.53	544.3	151.7
30-Nov-15	12:03:05	138.9	8.49	3016.9	13.40	50.11	0.998	10.31	83.76	159.6	536.4	36.53	544.3	151.7
30-Nov-15	12:03:10	139.0	8.16	3018.5	13.40	50.11	0.998	10.31	86.33	159.6	536.5	36.53	544.4	151.7
30-Nov-15	12:03:15	138.8	8.97	3016.1	13.40	50.11	0.998	10.31	84.55	159.5	536.5	36.53	544.5	151.7
30-Nov-15	12:03:20	138.6	9.87	3016.9	13.40	50.11	0.997	10.31	84.60	159.5	536.6	36.53	544.5	151.7
30-Nov-15	12:03:25	138.6	8.34	3021.7	13.40	50.11	0.998	10.62	86.11	159.6	536.6	36.53	544.5	151.7
30-Nov-15	12:03:30	139.3	6.40	3020.3	13.32	50.11	0.999	10.37	83.71	159.7	536.6	36.53	544.5	151.7
30-Nov-15	12:03:35	139.3	8.48	3017.8	13.32	50.11	0.998	10.37	86.27	159.8	536.6	36.53	544.5	151.7
30-Nov-15	12:03:40	139.4	8.73	3016.0	13.32	50.11	0.998	10.37	84.31	159.8	536.8	36.53	544.7	151.7
30-Nov-15	12:03:45	138.8	10.11	3013.7	13.36	50.11	0.997	10.37	85.27	159.7	536.9	36.53	544.8	151.7
30-Nov-15	12:03:50	138.9	10.10	3015.3	13.39	50.11	0.997	10.24	85.68	159.7	536.9	36.53	544.8	151.7
30-Nov-15	12:03:55	138.9	8.90	3016.1	13.39	50.11	0.998	10.35	84.05	159.6	537.0	36.53	544.8	151.7
30-Nov-15	12:04:00	138.3	9.87	3018.1	13.39	50.11	0.997	10.35	85.52	159.6	537.0	36.53	544.8	151.7
30-Nov-15	12:04:05	138.6	7.21	3021.7	13.39	50.11	0.999	10.46	85.30	159.5	537.0	36.53	544.8	151.7
30-Nov-15	12:04:10	139.2	5.85	3020.2	13.32	50.11	0.999	10.46	83.65	159.8	537.0	36.53	544.8	151.7
30-Nov-15	12:04:15	139.4	11.74	3018.2	13.32	49.99	0.998	10.32	85.79	159.8	537.0	36.53	544.8	151.7
30-Nov-15	12:04:20	139.3	11.74											

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	12:07:50	139.2	8.02	3020.1	13.39	50.11	0.998	10.26	85.20	160.0	536.7	36.64	545.4	151.9
30-Nov-15	12:07:55	139.1	7.93	3019.4	13.39	50.11	0.998	10.26	84.02	159.9	536.8	36.64	545.4	151.9
30-Nov-15	12:08:00	138.8	8.06	3021.4	13.39	50.11	0.998	10.38	85.66	159.8	536.8	36.64	545.4	151.9
30-Nov-15	12:08:05	139.5	5.86	3022.5	13.39	50.11	0.999	10.38	83.77	159.8	536.8	36.64	545.4	152.0
30-Nov-15	12:08:10	139.2	7.63	3018.5	13.39	50.11	0.999	10.38	85.95	159.9	536.8	36.64	545.4	152.0
30-Nov-15	12:08:15	139.2	9.06	3015.3	13.39	50.11	0.998	10.44	83.93	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:08:20	138.6	10.33	3018.1	13.39	50.11	0.997	10.34	85.98	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:08:25	139.1	7.32	3022.6	13.39	50.11	0.999	10.34	85.71	160.0	536.7	36.64	545.4	152.0
30-Nov-15	12:08:30	139.5	6.46	3024.1	13.39	50.22	0.999	10.32	84.04	160.0	536.8	36.64	545.4	152.0
30-Nov-15	12:08:35	139.5	7.66	3020.2	13.32	50.22	0.998	10.32	85.41	159.9	536.8	36.64	545.4	152.0
30-Nov-15	12:08:40	138.8	10.52	3020.1	13.40	50.22	0.997	10.32	83.74	159.9	536.8	36.64	545.4	152.0
30-Nov-15	12:08:45	138.8	7.70	3023.7	13.40	50.22	0.998	10.32	85.95	159.8	536.8	36.64	545.4	152.0
30-Nov-15	12:08:50	139.0	6.21	3022.5	13.33	50.22	0.999	10.32	83.78	159.8	536.8	36.64	545.4	152.0
30-Nov-15	12:08:55	138.9	8.04	3021.2	13.33	50.22	0.998	10.32	86.06	159.9	536.8	36.64	545.3	152.0
30-Nov-15	12:09:00	139.3	7.36	3021.9	13.33	50.22	0.999	10.45	83.67	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:09:05	139.1	8.47	3021.6	13.33	50.22	0.998	10.32	85.97	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:09:10	139.0	8.17	3021.7	13.33	50.22	0.998	10.32	84.45	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:09:15	139.3	7.75	3024.9	13.39	50.22	0.998	10.32	84.82	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:09:20	139.4	5.76	3023.7	13.39	50.22	0.999	10.15	84.59	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:09:25	139.0	8.20	3021.7	13.39	50.22	0.998	10.40	84.86	159.9	536.7	36.64	545.3	152.0
30-Nov-15	12:09:30	139.4	8.24	3022.4	13.39	50.22	0.998	10.40	84.84	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:09:35	139.2	6.82	3022.5	13.39	50.22	0.999	10.67	84.08	160.1	536.6	36.64	545.2	152.0
30-Nov-15	12:09:40	139.2	7.52	3022.1	13.39	50.22	0.999	10.45	85.01	160.3	536.6	36.64	545.2	152.0
30-Nov-15	12:09:45	139.4	6.09	3023.4	13.39	50.22	0.999	10.45	84.49	160.3	536.6	36.75	545.3	152.0
30-Nov-15	12:09:50	138.5	7.48	3024.3	13.39	50.22	0.999	10.45	84.96	160.3	536.7	36.75	545.4	152.0
30-Nov-15	12:09:55	139.0	6.95	3025.0	13.39	50.22	0.999	10.37	84.66	160.3	536.9	36.75	545.4	152.0
30-Nov-15	12:10:00	139.3	6.07	3025.7	13.39	50.22	0.999	10.37	84.62	160.2	537.0	36.75	545.6	152.0
30-Nov-15	12:10:05	139.2	7.13	3025.0	13.39	50.22	0.999	10.37	85.31	160.2	537.0	36.75	545.6	152.0
30-Nov-15	12:10:10	139.2	7.13	3024.9	13.39	50.22	0.999	10.37	84.13	160.2	537.0	36.75	545.6	152.0
30-Nov-15	12:10:15	138.6	7.62	3025.7	13.39	50.22	0.998	10.48	85.37	160.0	537.0	36.75	545.6	152.0
30-Nov-15	12:10:20	139.7	2.32	3027.1	13.29	50.22	1.000	10.48	84.80	160.0	537.0	36.75	545.6	152.0
30-Nov-15	12:10:25	139.2	10.14	3019.3	13.41	50.22	0.997	10.53	84.78	160.2	536.9	36.75	545.4	152.0
30-Nov-15	12:10:30	138.9	10.77	3015.7	13.41	50.11	0.997	10.40	85.12	160.2	536.9	36.75	545.4	152.0
30-Nov-15	12:10:35	139.0	9.50	3019.2	13.41	50.11	0.998	10.40	83.98	160.3	536.9	36.75	545.4	152.0
30-Nov-15	12:10:40	139.3	6.58	3020.9	13.41	50.11	0.999	10.40	85.88	160.3	536.9	36.75	545.4	152.0
30-Nov-15	12:10:45	138.8	7.28	3021.7	13.41	50.11	0.999	10.26	83.85	160.2	537.0	36.75	545.6	152.0
30-Nov-15	12:10:50	139.1	7.62	3024.9	13.41	50.21	0.999	10.36	85.83	160.2	537.1	36.75	545.6	152.0
30-Nov-15	12:10:55	139.9	2.13	3027.2	13.29	50.21	1.000	10.36	84.00	160.1	537.1	36.75	545.6	152.0
30-Nov-15	12:11:00	138.8	8.73	3020.9	13.41	50.21	0.998	10.36	85.35	160.0	537.1	36.75	545.6	152.0
30-Nov-15	12:11:05	139.6	6.28	3019.5	13.41	50.21	0.999	10.36	84.70	159.9	537.0	36.75	545.6	152.0
30-Nov-15	12:11:10	138.9	8.66	3017.1	13.41	50.10	0.998	10.71	84.46	159.9	536.9	36.64	545.4	152.0
30-Nov-15	12:11:15	139.5	6.95	3016.9	13.34	50.10	0.999	10.45	84.10	160.0	536.8	36.64	545.3	152.0
30-Nov-15	12:11:20	138.8	10.43	3018.5	13.41	50.10	0.997	10.34	85.88	160.0	536.7	36.64	545.3	152.0
30-Nov-15	12:11:25	139.1	5.47	3025.6	13.41	50.21	0.999	10.34	85.81	160.0	536.6	36.64	545.2	152.0
30-Nov-15	12:11:30	139.2	4.53	3026.5	13.34	50.21	0.999	10.34	83.38	160.0	536.6	36.64	545.2	152.0
30-Nov-15	12:11:35	139.4	6.54	3027.2	13.34	50.21	0.999	10.34	86.14	160.0	536.6	36.64	545.2	152.0
30-Nov-15	12:11:40	139.5	5.59	3024.4	13.34	50.21	0.999	10.34	83.74	159.9	536.6	36.64	545.2	152.0
30-Nov-15	12:11:45	138.8	8.38	3021.7	13.34	50.21	0.998	10.34	86.04	159.7	536.6	36.64	545.2	152.0
30-Nov-15	12:11:50	138.6	6.36	3026.5	13.42	50.21	0.999	10.45	85.36	159.6	536.5	36.64	545.1	152.0
30-Nov-15	12:11:55	139.7	2.55	3026.9	13.35	50.21	1.000	10.34	83.88	159.8	536.5	36.64	545.1	152.0
30-Nov-15	12:12:00	139.1	9.44	3021.6	13.36	50.21	0.998	10.34	85.95	159.9	536.4	36.64	545.0	152.0
30-Nov-15	12:12:05	139.0	8.41	3021.3	13.36	50.21	0.998	10.34	83.79	159.9	536.4	36.64	545.0	152.0
30-Nov-15	12:12:10	139.0	6.95	3023.2	13.36	50.21	0.999	10.34	85.90	159.9	536.4	36.64	545.0	152.0
30-Nov-15	12:12:15	138.8	5.74	3024.1	13.36	50.21	0.999	10.45	84.25	159.7	536.4	36.64	545.0	152.0
30-Nov-15	12:12:20	139.0	5.23	3024.1	13.36	50.21	0.999	10.45	85.56	159.7	536.4	36.64	545.0	152.0
30-Nov-15	12:12:25	138.8	6.91	3026.5	13.36	50.21	0.999	10.24	84.79	159.6	536.4	36.64	545.0	152.0
30-Nov-15	12:12:30	139.0	5.78	3027.0	13.36	50.21	0.999	10.39	84.67	159.6	536.4	36.64	545.0	152.0
30-Nov-15	12:12:35	138.8	5.53	3026.6	13.36	50.21	0.999	10.39	85.16	159.7	536.4	36.64	545.0	152.0
30-Nov-15	12:12:40	139.0	6.46	3028.2	13.36	50.20	0.999	10.38	84.16	159.8	536.3	36.64	545.0	152.0
30-Nov-15	12:12:45	139.6	4.96	3022.6	13.33	50.20	0.999	10.39	85.20	159.8	536.3	36.64	545.0	152.0
30-Nov-15	12:12:50	138.8	10.53	3018.5	13.43	50.20	0.997	10.39	84.38	159.7	536.3	36.64	545.0	152.0
30-Nov-15	12:12:55	139.0	6.43	3018.5	13.40	50.20	0.999	10.39	85.71	159.6	536.4	36.64	545.1	152.0
30-Nov-15	12:13:00	138.5	8.92	3020.1	13.40	50.20	0.998	10.39	83.82	159.4	536.4	36.64	545.1	152.0
30-Nov-15	12:13:05	138.7	6.48	3024.0	13.40	50.20	0.999	10.39	86.19	159.4	536.4	36.64	545.1	152.0
30-Nov-15	12:13:10	138.6	5.99	3025.7	13.40	50.20	0.999	10.69	84.78	159.5	536.4	36.64	545.0	152.0
30-Nov-15	12:13:15	138.8	5.54	3024.9	13.36	50.20	0.999	10.50	84.20	159.5	536.4	36.64	545.0	152.0
30-Nov-15	12:13:20	139.0	6.61	3023.4	13.36	50.20	0.999	10.34	85.41	159.5	536.4	36.64	545.0	152.0
30-Nov-15	12:13:25	139.1	7.51	3021.7	13.36	50.20	0.999	10.34	84.01	159.5	536.4	36.64	545.0	152.0
30-Nov-15	12:13:30	138.9	8.40	3020.9	13.36	50.20	0.998	10.34	86.29	159.4	536.4	36.64	545.0	152.0
30-Nov-15	12:13:35	138.8	7.11	3023.3	13.36	50.20	0.999	10.34	84.47	159.4	536.5	36.64	545.0	152.0
30-Nov-15	12:13:40	138.6	7.11	3024.8	13.36	50.20	0.999	10.34	84.52	159.4	536.5	36.64	545.0	152.0
30-Nov-15	12:13:45	138.9	5.21	3027.9	13.36	50.20	0.999	10.34	86.04	159.4	536.5	36.64	545.0	152.0
30-Nov-15	12:13:50	139.2	5.81	3024.6	13.36	50.20	0.999	10.34	83.50	159.6	536.5	36.64	545.0	152.0
30-Nov-15	12:13:55	139.1	8.50	3019.3	13.36	50.20	0.998	10.34	86.10	159.7	536.5	36.64	545.0	152.0
30-Nov-15	12:14:00	138.4	9.30	3018.5	13.36	50.20	0.998	10.34	84.33	159.7	536.5	36.64	545.0	152.0
30-Nov-15	12:14:05	138.5	7.18	3021.6	13.36	50.20	0.999	10.36	85.75	159.7	536.6	36.64	545.1	152.0
30-Nov-15	12:14:10	13												

Norgener Power Plant Unit#1

Table with 16 columns: Date, Time, Gross Power (MW), Reactive Power (Mvar), Speed (rpm), Voltage Generator (kV), Frequency Generator (Hz), Power Factor, Auxiliary Power (MW), HP Valve Position (%), HP steam Pressure (bar(g)), HP steam Temperature (°C), IP steam Pressure (bar(g)), IP steam Temperature (°C), Flue Gas Outlet Temperature (°C). The table contains 954 data rows representing hourly power plant performance from 30-Nov-15 12:17:40 to 30-Nov-15 12:27:25.

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	12:27:30	139.3	9.54	3013.5	13.37	50.08	0.998	10.42	85.52	160.1	536.8	36.75	545.8	152.1
30-Nov-15	12:27:35	139.1	7.80	3010.1	13.37	49.98	0.998	10.09	83.59	159.9	536.8	36.75	545.8	152.1
30-Nov-15	12:27:40	138.9	9.78	3010.2	13.37	49.98	0.998	10.26	86.27	159.9	536.8	36.65	545.8	152.1
30-Nov-15	12:27:45	138.8	8.20	3011.1	13.37	49.98	0.998	10.38	84.70	159.9	536.7	36.65	545.7	152.1
30-Nov-15	12:27:50	138.9	8.13	3014.3	13.37	49.98	0.998	10.26	84.27	160.0	536.7	36.65	545.7	152.1
30-Nov-15	12:27:55	139.3	8.11	3014.3	13.37	49.98	0.998	10.26	85.59	160.1	536.7	36.65	545.7	152.1
30-Nov-15	12:28:00	139.2	8.29	3012.9	13.37	49.98	0.998	10.26	83.75	160.1	536.7	36.65	545.7	152.1
30-Nov-15	12:28:05	139.0	8.82	3011.9	13.37	49.98	0.998	10.26	86.49	160.1	536.7	36.65	545.7	152.1
30-Nov-15	12:28:10	139.2	7.66	3011.9	13.37	49.98	0.998	10.26	84.51	160.0	536.8	36.65	545.7	152.1
30-Nov-15	12:28:15	139.1	9.50	3011.9	13.37	49.98	0.998	10.26	84.90	159.8	536.8	36.65	545.8	152.1
30-Nov-15	12:28:20	138.9	9.01	3011.2	13.37	49.98	0.998	10.37	85.36	159.8	536.8	36.65	545.8	152.1
30-Nov-15	12:28:25	138.7	9.83	3011.9	13.37	49.98	0.997	10.37	84.03	159.8	536.8	36.65	545.8	152.2
30-Nov-15	12:28:30	138.6	10.48	3012.9	13.37	49.98	0.997	10.58	86.04	160.0	536.8	36.65	545.7	152.2
30-Nov-15	12:28:35	139.2	8.59	3015.2	13.37	49.98	0.998	10.34	84.37	160.0	536.8	36.65	545.7	152.2
30-Nov-15	12:28:40	139.2	7.96	3011.5	13.37	49.98	0.998	10.34	85.57	159.9	536.8	36.65	545.7	152.2
30-Nov-15	12:28:45	139.2	9.87	3006.5	13.37	49.98	0.997	10.01	83.81	159.8	536.9	36.65	545.8	152.2
30-Nov-15	12:28:50	138.3	12.65	3006.5	13.44	49.98	0.996	10.14	86.52	159.6	537.0	36.65	545.8	152.2
30-Nov-15	12:28:55	138.9	7.84	3011.2	13.37	49.98	0.998	10.27	84.65	159.6	537.0	36.65	545.8	152.2
30-Nov-15	12:29:00	138.8	8.33	3012.7	13.37	49.98	0.998	10.27	85.35	159.5	537.0	36.65	545.8	152.2
30-Nov-15	12:29:05	138.8	8.77	3013.1	13.37	49.98	0.998	10.27	85.55	159.5	536.9	36.65	545.8	152.2
30-Nov-15	12:29:10	139.4	7.55	3009.2	13.34	49.98	0.999	10.37	83.73	159.7	536.9	36.65	545.7	152.2
30-Nov-15	12:29:15	139.2	10.95	3004.5	13.34	49.98	0.997	10.27	86.32	159.7	536.8	36.65	545.7	152.2
30-Nov-15	12:29:20	138.7	11.99	3005.4	13.37	49.98	0.996	10.27	84.49	159.7	536.8	36.65	545.7	152.2
30-Nov-15	12:29:25	138.6	8.25	3008.7	13.37	49.98	0.998	10.27	85.02	159.5	536.8	36.65	545.7	152.2
30-Nov-15	12:29:30	138.7	7.55	3010.3	13.37	49.98	0.999	10.27	85.69	159.4	536.8	36.65	545.7	152.2
30-Nov-15	12:29:35	138.2	9.97	3011.2	13.37	49.98	0.997	10.27	84.00	159.3	536.7	36.54	545.6	152.2
30-Nov-15	12:29:40	139.1	6.14	3011.7	13.33	49.98	0.999	10.40	85.68	159.3	536.7	36.54	545.6	152.2
30-Nov-15	12:29:45	139.0	8.71	3007.1	13.33	49.98	0.998	10.40	84.27	159.3	536.6	36.54	545.5	152.2
30-Nov-15	12:29:50	138.5	10.73	3004.0	13.37	49.98	0.997	10.40	85.80	159.5	536.6	36.54	545.5	152.2
30-Nov-15	12:29:55	138.4	10.62	3007.1	13.37	49.98	0.997	10.09	86.09	159.5	536.6	36.54	545.5	152.2
30-Nov-15	12:30:00	138.9	6.74	3010.6	13.37	49.98	0.999	10.35	84.07	159.5	536.6	36.54	545.5	152.2
30-Nov-15	12:30:05	138.7	7.29	3008.8	13.37	49.98	0.999	10.35	85.91	159.5	536.7	36.54	545.5	152.2
30-Nov-15	12:30:10	139.0	9.09	3011.2	13.37	49.98	0.998	10.35	85.16	159.5	536.7	36.54	545.5	152.2
30-Nov-15	12:30:15	138.8	8.00	3008.0	13.37	49.98	0.998	10.35	84.21	159.4	536.7	36.54	545.5	152.2
30-Nov-15	12:30:20	138.7	9.17	3005.7	13.37	49.98	0.998	10.35	85.97	159.3	536.7	36.54	545.5	152.2
30-Nov-15	12:30:25	138.6	9.86	3005.6	13.37	49.98	0.997	10.35	84.47	159.4	536.7	36.54	545.5	152.2
30-Nov-15	12:30:30	138.7	10.59	3008.9	13.37	49.98	0.997	10.47	85.61	159.5	536.7	36.54	545.5	152.3
30-Nov-15	12:30:35	138.6	7.99	3008.8	13.34	49.98	0.998	10.36	85.18	159.5	536.7	36.54	545.5	152.3
30-Nov-15	12:30:40	139.0	8.21	3009.6	13.34	49.98	0.998	10.36	83.90	159.5	536.8	36.54	545.5	152.3
30-Nov-15	12:30:45	139.2	8.70	3008.7	13.34	49.98	0.998	9.99	86.08	159.4	536.8	36.54	545.6	152.3
30-Nov-15	12:30:50	138.7	9.87	3005.6	13.34	49.98	0.997	10.21	85.40	159.3	536.9	36.54	545.6	152.3
30-Nov-15	12:30:55	138.2	10.27	3004.2	13.34	49.98	0.998	10.21	84.00	159.3	536.9	36.54	545.6	152.3
30-Nov-15	12:31:00	139.0	9.34	3004.0	13.34	49.98	0.998	10.47	86.60	159.4	536.9	36.54	545.6	152.3
30-Nov-15	12:31:05	138.9	11.03	3002.4	13.34	49.87	0.997	10.23	84.86	159.6	536.9	36.54	545.6	152.3
30-Nov-15	12:31:10	139.0	9.73	3002.4	13.34	49.87	0.998	10.23	84.92	159.7	536.9	36.54	545.8	152.3
30-Nov-15	12:31:15	138.6	10.35	3002.3	13.34	49.87	0.997	10.23	85.37	159.7	537.1	36.54	545.9	152.3
30-Nov-15	12:31:20	138.6	9.64	3007.1	13.38	49.87	0.998	10.23	83.95	159.5	537.2	36.54	546.0	152.4
30-Nov-15	12:31:25	139.2	6.11	3007.4	13.34	49.97	0.999	10.23	86.20	159.4	537.3	36.54	546.1	152.4
30-Nov-15	12:31:30	138.7	9.98	3004.0	13.34	49.97	0.997	10.23	83.71	159.4	537.4	36.54	546.1	152.4
30-Nov-15	12:31:35	138.5	9.80	3004.7	13.34	49.97	0.998	10.23	86.56	159.3	537.4	36.54	546.1	152.4
30-Nov-15	12:31:40	138.5	8.43	3006.4	13.34	49.97	0.998	10.23	84.20	159.3	537.4	36.54	546.1	152.4
30-Nov-15	12:31:45	138.8	7.82	3004.8	13.34	49.97	0.998	10.23	86.04	159.3	537.4	36.54	546.1	152.4
30-Nov-15	12:31:50	138.5	10.45	3001.6	13.34	49.86	0.997	10.23	84.62	159.5	537.4	36.54	546.1	152.4
30-Nov-15	12:31:55	138.6	9.41	3001.6	13.34	49.86	0.998	10.23	85.21	159.5	537.4	36.54	546.1	152.4
30-Nov-15	12:32:00	138.3	10.88	3002.5	13.34	49.86	0.997	10.23	86.43	159.4	537.4	36.54	546.1	152.4
30-Nov-15	12:32:05	138.4	9.52	3006.5	13.34	49.86	0.998	10.36	84.31	159.4	537.4	36.54	546.2	152.4
30-Nov-15	12:32:10	138.3	8.17	3010.4	13.34	49.98	0.998	10.36	86.33	159.3	537.4	36.54	546.2	152.4
30-Nov-15	12:32:15	138.7	6.81	3010.4	13.34	49.98	0.999	10.36	85.10	159.3	537.4	36.54	546.2	152.4
30-Nov-15	12:32:20	138.4	8.24	3008.4	13.34	49.98	0.998	10.36	84.10	159.3	537.4	36.54	546.2	152.4
30-Nov-15	12:32:25	138.2	10.17	3005.6	13.34	49.98	0.997	10.36	86.54	159.4	537.4	36.54	546.2	152.4
30-Nov-15	12:32:30	138.7	8.40	3008.0	13.34	49.98	0.998	10.36	84.39	159.5	537.3	36.54	546.2	152.4
30-Nov-15	12:32:35	138.8	7.99	3006.4	13.34	49.98	0.998	10.36	85.67	159.4	537.3	36.54	546.2	152.4
30-Nov-15	12:32:40	138.1	10.68	3008.5	13.38	49.98	0.997	10.36	85.39	159.4	537.3	36.54	546.3	152.4
30-Nov-15	12:32:45	138.7	7.11	3013.7	13.37	49.98	0.999	10.36	83.79	159.4	537.4	36.54	546.3	152.4
30-Nov-15	12:32:50	138.9	6.66	3011.3	13.34	49.98	0.999	10.36	86.38	159.4	537.4	36.54	546.3	152.4
30-Nov-15	12:32:55	138.7	9.79	3008.0	13.34	49.98	0.998	10.36	84.57	159.5	537.4	36.54	546.3	152.4
30-Nov-15	12:33:00	138.9	9.39	3008.8	13.38	49.98	0.998	10.36	85.15	159.7	537.4	36.54	546.3	152.4
30-Nov-15	12:33:05	139.0	8.47	3007.2	13.38	49.98	0.998	10.36	84.91	159.8	537.4	36.54	546.4	152.4
30-Nov-15	12:33:10	139.0	9.84	3005.6	13.38	49.98	0.998	10.36	84.48	159.8	537.5	36.54	546.6	152.5
30-Nov-15	12:33:15	138.3	10.23	3009.3	13.38	49.98	0.997	10.36	86.69	159.8	537.8	36.54	546.7	152.5
30-Nov-15	12:33:20	139.0	7.28	3014.3	13.38	49.98	0.999	10.36	85.13	159.8	537.9	36.54	546.8	152.5
30-Nov-15	12:33:25	138.7	7.98	3012.6	13.33	49.98	0.998	10.36	84.36	159.8	538.0	36.54	546.9	152.5
30-Nov-15	12:33:30	138.9	8.61	3013.4	13.33	49.98	0.998	10.36	86.26	159.7	538.0	36.54	546.9	152.5
30-Nov-15	12:33:35	139.3	6.30	3010.3	13.33	49.98	0.999	10.36	83.72	159.7	538.0	36.54	546.9	152.5
30-Nov-15	12:33:40	138.4	10.84	3007.4	13.37	49.98	0.997	10.36	86.42	159.7	538.0	36.54	546.9	152.5
30-Nov-15	12:33:45	138.6	8.79	3008.8	13.37	49.98	0.998	10.36	84.90	159.9	538.0	36.54	546.9	152.5
30-Nov-15	12:3													

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	12:37:20	139.2	7.79	3011.2	13.36	50.08	0.998	10.32	84.05	160.1	537.1	36.65	546.8	152.6
30-Nov-15	12:37:25	139.2	8.75	3011.6	13.36	50.08	0.998	10.32	84.86	160.1	537.1	36.65	546.9	152.6
30-Nov-15	12:37:30	139.4	7.44	3011.2	13.36	50.08	0.999	10.32	85.31	160.1	537.1	36.65	546.9	152.6
30-Nov-15	12:37:35	139.5	8.29	3008.8	13.36	49.97	0.998	10.32	83.86	159.9	537.2	36.65	547.0	152.6
30-Nov-15	12:37:40	138.9	9.07	3006.4	13.36	49.97	0.998	10.32	85.96	159.7	537.2	36.65	547.0	152.6
30-Nov-15	12:37:45	138.6	9.48	3010.1	13.36	49.97	0.998	10.32	84.46	159.7	537.2	36.65	547.0	152.6
30-Nov-15	12:37:50	139.2	5.62	3012.7	13.36	49.97	0.999	10.32	84.24	159.9	537.2	36.65	547.0	152.6
30-Nov-15	12:37:55	138.2	6.89	3009.6	13.36	49.97	0.999	10.32	85.90	160.0	537.2	36.65	546.9	152.6
30-Nov-15	12:38:00	139.4	8.33	3008.8	13.36	49.97	0.998	10.32	83.93	160.0	537.1	36.65	546.9	152.6
30-Nov-15	12:38:05	139.4	7.06	3007.1	13.36	49.97	0.999	10.32	86.06	160.0	537.1	36.65	546.9	152.6
30-Nov-15	12:38:10	139.8	8.34	3003.3	13.36	49.86	0.998	10.32	83.77	159.8	537.1	36.65	546.9	152.6
30-Nov-15	12:38:15	139.3	9.49	2999.1	13.36	49.86	0.998	9.95	86.69	159.7	537.1	36.65	547.0	152.6
30-Nov-15	12:38:20	138.5	10.55	3001.2	13.43	49.86	0.997	10.19	85.27	159.7	537.1	36.65	547.0	152.6
30-Nov-15	12:38:25	139.2	7.54	3008.8	13.43	49.97	0.999	10.33	84.25	159.7	537.1	36.65	547.0	152.6
30-Nov-15	12:38:30	139.4	4.66	3008.0	13.31	49.97	0.999	10.33	85.06	159.8	537.1	36.65	546.9	152.6
30-Nov-15	12:38:35	139.5	8.03	3008.0	13.31	49.97	0.998	10.44	85.27	160.0	537.1	36.65	546.9	152.6
30-Nov-15	12:38:40	139.5	8.43	3008.7	13.31	49.97	0.998	10.33	84.28	160.0	537.1	36.65	546.9	152.6
30-Nov-15	12:38:45	139.6	6.55	3006.2	13.31	49.97	0.999	10.33	85.83	160.0	537.2	36.65	547.0	152.6
30-Nov-15	12:38:50	139.5	8.13	3003.8	13.31	49.97	0.998	10.33	83.78	160.0	537.2	36.65	547.1	152.6
30-Nov-15	12:38:55	139.3	8.35	3001.6	13.31	49.87	0.998	10.33	86.22	159.9	537.4	36.65	547.2	152.6
30-Nov-15	12:39:00	139.6	8.18	3001.0	13.31	49.87	0.998	10.33	84.06	159.9	537.4	36.65	547.2	152.6
30-Nov-15	12:39:05	139.0	9.40	3002.2	13.41	49.87	0.998	10.33	86.43	159.9	537.5	36.65	547.2	152.6
30-Nov-15	12:39:10	139.5	7.18	3008.6	13.41	49.97	0.999	10.33	85.73	160.1	537.5	36.65	547.2	152.6
30-Nov-15	12:39:15	139.6	6.58	3008.7	13.41	49.97	0.999	10.33	83.80	160.4	537.5	36.65	547.4	152.7
30-Nov-15	12:39:20	139.0	7.12	3007.2	13.41	49.97	0.999	10.33	86.22	160.4	537.7	36.65	547.5	152.7
30-Nov-15	12:39:25	140.0	7.17	3005.4	13.41	49.97	0.999	10.04	84.45	160.4	537.8	36.75	547.6	152.7
30-Nov-15	12:39:30	140.1	6.49	3002.2	13.41	49.87	0.999	10.15	85.13	160.4	538.0	36.75	547.7	152.7
30-Nov-15	12:39:35	140.1	8.72	2998.3	13.41	49.87	0.998	10.15	85.63	160.3	538.2	36.75	547.9	152.7
30-Nov-15	12:39:40	139.7	10.13	2995.7	13.41	49.76	0.997	10.15	84.51	160.3	538.2	36.75	547.9	152.7
30-Nov-15	12:39:45	139.6	9.50	2999.0	13.41	49.76	0.998	10.15	86.68	160.3	538.2	36.75	547.9	152.7
30-Nov-15	12:39:50	139.8	7.83	3000.6	13.41	49.76	0.998	10.36	84.15	160.4	538.2	36.75	547.9	152.7
30-Nov-15	12:39:55	140.0	8.26	3003.2	13.41	49.86	0.998	10.24	86.04	160.5	538.2	36.75	547.9	152.7
30-Nov-15	12:40:00	139.9	7.66	3005.3	13.41	49.86	0.999	10.24	84.72	160.5	538.2	36.75	548.0	152.7
30-Nov-15	12:40:05	140.5	6.33	3004.2	13.41	49.86	0.999	10.24	84.89	160.5	538.2	36.75	548.0	152.7
30-Nov-15	12:40:10	139.8	8.97	3001.5	13.41	49.86	0.998	10.24	86.08	160.5	538.2	36.75	548.1	152.7
30-Nov-15	12:40:15	140.0	8.30	3003.9	13.41	49.86	0.998	10.24	84.02	160.5	538.2	36.75	548.1	152.7
30-Nov-15	12:40:20	140.0	7.93	3004.8	13.41	49.86	0.998	10.36	86.46	160.5	538.2	36.75	548.1	152.7
30-Nov-15	12:40:25	139.7	7.94	3004.7	13.41	49.86	0.998	10.36	84.86	160.7	538.2	36.75	548.1	152.7
30-Nov-15	12:40:30	140.1	6.92	3005.4	13.41	49.86	0.999	10.36	83.94	160.8	538.2	36.75	548.1	152.7
30-Nov-15	12:40:35	140.3	7.05	3004.7	13.41	49.86	0.999	10.36	86.27	160.9	538.2	36.75	548.1	152.7
30-Nov-15	12:40:40	140.0	8.16	3002.7	13.41	49.86	0.998	10.36	84.03	160.9	538.2	36.86	548.2	152.7
30-Nov-15	12:40:45	140.0	6.66	2999.2	13.41	49.86	0.998	10.36	85.98	160.9	538.2	36.86	548.2	152.7
30-Nov-15	12:40:50	140.1	7.15	2999.9	13.41	49.86	0.999	10.00	84.50	160.9	538.3	36.86	548.3	152.7
30-Nov-15	12:40:55	139.6	9.27	2999.2	13.41	49.86	0.998	10.12	85.60	160.8	538.3	36.86	548.3	152.7
30-Nov-15	12:41:00	139.7	7.83	3004.0	13.41	49.86	0.998	10.25	86.07	160.8	538.3	36.86	548.3	152.7
30-Nov-15	12:41:05	139.8	6.50	3005.6	13.41	49.86	0.999	10.25	84.30	160.8	538.3	36.86	548.3	152.7
30-Nov-15	12:41:10	139.8	6.85	3004.8	13.41	49.86	0.999	10.25	86.13	160.7	538.2	36.86	548.2	152.7
30-Nov-15	12:41:15	140.0	7.52	3003.8	13.41	49.86	0.999	10.25	84.11	160.6	538.0	36.86	548.1	152.7
30-Nov-15	12:41:20	140.0	8.52	3003.8	13.41	49.86	0.998	10.49	86.53	160.7	537.9	36.86	548.0	152.7
30-Nov-15	12:41:25	139.8	8.82	3003.8	13.41	49.86	0.998	10.37	84.30	160.9	537.8	36.86	548.0	152.7
30-Nov-15	12:41:30	139.9	6.55	3003.9	13.41	49.86	0.999	10.26	85.07	160.9	537.7	36.86	547.9	152.7
30-Nov-15	12:41:35	139.9	8.44	3002.6	13.41	49.86	0.998	10.26	85.98	160.9	537.6	36.86	547.9	152.7
30-Nov-15	12:41:40	140.1	7.32	3002.3	13.41	49.86	0.999	10.26	84.51	160.8	537.6	36.86	547.9	152.7
30-Nov-15	12:41:45	140.3	8.61	3000.8	13.41	49.86	0.998	10.08	85.91	160.7	537.6	36.86	547.9	152.7
30-Nov-15	12:41:50	139.7	9.65	3000.4	13.41	49.86	0.998	10.18	84.89	160.6	537.5	36.86	547.9	152.7
30-Nov-15	12:41:55	139.4	8.91	3003.1	13.41	49.86	0.998	10.18	84.98	160.6	537.5	36.86	547.7	152.7
30-Nov-15	12:42:00	140.0	7.04	3009.8	13.41	49.97	0.999	10.66	85.17	160.6	537.4	36.86	547.6	152.7
30-Nov-15	12:42:05	139.6	6.22	3008.6	13.31	49.97	0.999	10.36	85.12	160.6	537.2	36.86	547.5	152.7
30-Nov-15	12:42:10	139.8	6.48	3008.1	13.31	49.97	0.999	10.32	83.90	160.6	537.0	36.86	547.5	152.7
30-Nov-15	12:42:15	140.0	7.34	3011.2	13.31	49.97	0.999	10.36	86.56	160.7	536.9	36.86	547.4	152.7
30-Nov-15	12:42:20	140.6	6.01	3006.1	13.31	49.97	0.999	10.36	83.90	160.7	536.9	36.86	547.4	152.7
30-Nov-15	12:42:25	139.6	10.34	2999.9	13.43	49.85	0.997	10.36	86.39	160.7	536.9	36.86	547.4	152.7
30-Nov-15	12:42:30	139.2	9.93	3006.7	13.43	49.96	0.997	10.36	85.48	160.6	536.9	36.86	547.4	152.7
30-Nov-15	12:42:35	140.0	4.71	3010.1	13.31	49.96	0.999	10.36	83.94	160.6	536.9	36.86	547.4	152.7
30-Nov-15	12:42:40	139.7	5.99	3007.3	13.31	49.96	0.999	10.25	85.94	160.5	536.9	36.86	547.4	152.7
30-Nov-15	12:42:45	139.4	8.00	3006.2	13.31	49.96	0.998	10.25	84.05	160.3	536.9	36.86	547.3	152.7
30-Nov-15	12:42:50	139.6	8.02	3006.2	13.31	49.96	0.998	10.25	85.20	160.2	536.8	36.75	547.3	152.7
30-Nov-15	12:42:55	139.4	8.36	3005.5	13.31	49.96	0.998	10.25	85.78	160.2	536.7	36.75	547.2	152.7
30-Nov-15	12:43:00	139.2	7.38	3007.0	13.31	49.96	0.999	10.25	83.67	160.4	536.6	36.75	547.1	152.7
30-Nov-15	12:43:05	139.2	6.84	3008.9	13.31	49.96	0.999	10.25	86.19	160.5	536.5	36.75	547.1	152.7
30-Nov-15	12:43:10	139.3	6.59	3012.6	13.31	49.96	0.999	10.25	83.84	160.5	536.5	36.75	547.1	152.7
30-Nov-15	12:43:15	139.9	4.45	3010.0	13.31	49.96	0.999	10.25	86.00	160.5	536.5	36.75	547.1	152.7
30-Nov-15	12:43:20	139.3	7.77	3008.7	13.31	49.96	0.998	10.13	84.31	160.5	536.5	36.75	547.1	152.7
30-Nov-15	12:43:25	139.4	5.18	3009.0	13.43	49.96	0.999	10.26	85.71	160.4	536.6	36.75	547.2	152.7
30-Nov-15	12:43:30	139.4	7.63	3011.0	13.43	49.96	0.999	10.26	84.09	160.4	536.6	36.75	547.2	152.7
30-Nov-15	12:43:35	139.7	6.89	3007.0	13.43	49.96	0.999	10.26	85.89	160.3	536.7	36.75	547.2	152.7
30-Nov-15	12:													

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	12:47:10	139.1	5.94	3016.0	13.43	50.06	0.999	10.37	84.91	159.5	536.7	36.65	546.6	152.8
30-Nov-15	12:47:15	138.8	6.89	3012.8	13.39	50.06	0.999	10.37	84.70	159.5	536.5	36.65	546.5	152.8
30-Nov-15	12:47:20	138.4	8.36	3013.7	13.39	50.06	0.998	10.37	84.65	159.4	536.4	36.54	546.4	152.8
30-Nov-15	12:47:25	138.6	5.32	3017.5	13.43	50.06	0.999	10.37	86.17	159.4	536.3	36.54	546.3	152.8
30-Nov-15	12:47:30	138.7	5.44	3017.5	13.43	50.06	0.999	10.66	83.86	159.6	536.3	36.54	546.2	152.8
30-Nov-15	12:47:35	138.6	5.77	3017.6	13.43	50.06	0.999	10.51	86.07	159.7	536.3	36.54	546.2	152.8
30-Nov-15	12:47:40	138.8	4.76	3017.1	13.43	50.06	0.999	10.38	85.35	159.8	536.3	36.54	546.2	152.8
30-Nov-15	12:47:45	138.8	5.24	3015.6	13.43	50.06	0.999	10.38	83.50	159.7	536.4	36.54	546.3	152.8
30-Nov-15	12:47:50	138.7	6.50	3013.7	13.43	50.06	0.999	10.29	86.03	159.6	536.5	36.54	546.3	152.8
30-Nov-15	12:47:55	138.4	8.75	3015.0	13.43	50.06	0.998	10.34	84.15	159.4	536.6	36.54	546.4	152.8
30-Nov-15	12:48:00	138.3	7.00	3018.2	13.43	50.06	0.999	10.44	86.08	159.3	536.6	36.54	546.4	152.8
30-Nov-15	12:48:05	138.6	5.27	3018.3	13.39	50.06	0.999	10.44	84.92	159.3	536.7	36.54	546.4	152.8
30-Nov-15	12:48:10	138.5	7.19	3017.5	13.39	50.06	0.999	10.44	84.07	159.3	536.7	36.54	546.4	152.8
30-Nov-15	12:48:15	138.5	6.95	3018.3	13.39	50.06	0.999	10.44	86.17	159.3	536.7	36.54	546.3	152.8
30-Nov-15	12:48:20	138.3	6.79	3016.7	13.39	50.06	0.999	10.34	83.96	159.2	536.6	36.54	546.2	152.8
30-Nov-15	12:48:25	138.8	6.70	3013.5	13.39	50.06	0.999	10.34	86.07	159.2	536.6	36.54	546.2	152.8
30-Nov-15	12:48:30	138.5	10.37	3013.5	13.43	50.06	0.997	10.44	85.82	159.4	536.5	36.54	546.1	152.8
30-Nov-15	12:48:35	138.6	8.45	3018.5	13.43	50.06	0.998	10.33	84.33	159.6	536.5	36.54	546.1	152.8
30-Nov-15	12:48:40	138.8	6.77	3017.5	13.35	50.06	0.999	10.33	84.69	159.7	536.5	36.54	546.1	152.8
30-Nov-15	12:48:45	139.0	8.26	3015.1	13.35	50.06	0.998	10.33	85.50	159.7	536.6	36.54	546.2	152.8
30-Nov-15	12:48:50	138.8	7.91	3013.5	13.35	50.06	0.998	10.33	84.35	159.7	536.8	36.54	546.3	152.8
30-Nov-15	12:48:55	138.7	7.67	3014.3	13.42	50.06	0.998	10.33	86.25	159.6	536.9	36.54	546.4	152.8
30-Nov-15	12:49:00	138.5	8.37	3016.0	13.42	50.06	0.998	10.33	84.36	159.6	537.0	36.54	546.4	152.8
30-Nov-15	12:49:05	138.8	6.15	3019.9	13.42	50.06	0.999	10.33	84.75	159.6	537.0	36.54	546.5	152.8
30-Nov-15	12:49:10	139.1	5.89	3018.6	13.42	50.06	0.999	10.33	85.69	159.6	537.0	36.54	546.5	152.8
30-Nov-15	12:49:15	138.8	8.68	3017.5	13.42	50.06	0.998	10.33	83.87	159.5	537.0	36.54	546.5	152.8
30-Nov-15	12:49:20	139.0	6.96	3017.0	13.42	50.06	0.999	10.33	85.84	159.5	537.0	36.54	546.5	152.8
30-Nov-15	12:49:25	138.8	8.17	3012.6	13.42	50.06	0.998	10.33	83.75	159.5	537.0	36.54	546.5	152.8
30-Nov-15	12:49:30	138.7	9.44	3013.3	13.42	50.06	0.998	10.33	86.37	159.5	537.0	36.54	546.4	152.8
30-Nov-15	12:49:35	138.6	8.32	3016.3	13.42	50.06	0.998	10.33	85.36	159.7	537.0	36.54	546.4	152.8
30-Nov-15	12:49:40	138.9	6.14	3019.1	13.42	50.06	0.999	10.33	83.83	159.8	537.0	36.54	546.4	152.8
30-Nov-15	12:49:45	138.9	7.91	3019.6	13.42	50.06	0.998	10.33	85.98	159.8	537.0	36.54	546.4	152.8
30-Nov-15	12:49:50	139.6	6.22	3018.1	13.42	50.06	0.999	10.08	84.36	159.8	537.0	36.64	546.6	152.8
30-Nov-15	12:49:55	139.4	8.61	3011.1	13.31	50.06	0.998	10.30	84.49	159.7	537.2	36.64	546.6	152.8
30-Nov-15	12:50:00	138.6	10.11	3011.8	13.43	50.06	0.997	10.44	85.33	159.6	537.2	36.64	546.7	152.8
30-Nov-15	12:50:05	138.9	7.86	3014.8	13.43	50.06	0.998	10.44	83.78	159.5	537.2	36.64	546.7	152.7
30-Nov-15	12:50:10	139.3	6.89	3016.7	13.43	50.06	0.999	10.44	86.37	159.4	537.2	36.64	546.7	152.7
30-Nov-15	12:50:15	139.2	7.19	3013.4	13.43	50.06	0.999	10.34	84.39	159.4	537.2	36.64	546.7	152.7
30-Nov-15	12:50:20	138.9	9.34	3011.8	13.43	50.06	0.998	10.34	85.87	159.4	537.2	36.64	546.6	152.7
30-Nov-15	12:50:25	138.6	9.26	3014.3	13.43	50.06	0.998	10.34	86.44	159.3	537.1	36.64	546.5	152.7
30-Nov-15	12:50:30	139.2	6.83	3015.0	13.39	50.06	0.999	10.57	84.34	159.5	537.0	36.64	546.5	152.7
30-Nov-15	12:50:35	139.2	7.66	3013.9	13.39	50.06	0.998	10.33	84.94	159.6	536.9	36.64	546.5	152.7
30-Nov-15	12:50:40	139.1	8.66	3007.8	13.39	49.96	0.998	10.36	84.81	159.7	536.9	36.64	546.5	152.7
30-Nov-15	12:50:45	139.1	9.78	3007.0	13.39	49.96	0.998	10.36	85.41	159.6	536.9	36.64	546.5	152.7
30-Nov-15	12:50:50	139.1	8.33	3006.2	13.39	49.96	0.998	10.36	85.88	159.5	537.0	36.64	546.5	152.7
30-Nov-15	12:50:55	138.9	9.44	3004.8	13.39	49.96	0.998	10.36	84.00	159.5	537.0	36.64	546.5	152.7
30-Nov-15	12:51:00	138.8	10.48	3007.7	13.43	49.96	0.997	10.36	86.80	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:05	139.0	7.60	3011.0	13.43	49.96	0.999	10.36	85.65	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:10	139.1	7.97	3010.4	13.43	49.96	0.998	10.36	83.86	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:15	138.6	9.84	3009.5	13.43	49.96	0.997	10.36	86.46	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:20	138.8	8.59	3013.6	13.43	50.06	0.998	10.08	85.65	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:25	139.1	6.23	3012.5	13.31	50.06	0.999	10.22	83.73	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:30	138.5	10.09	3010.6	13.42	50.06	0.997	10.22	86.35	159.5	537.1	36.64	546.5	152.7
30-Nov-15	12:51:35	138.8	8.06	3013.4	13.42	50.06	0.998	10.22	85.73	159.5	537.1	36.64	546.4	152.7
30-Nov-15	12:51:40	139.1	6.85	3014.3	13.42	50.06	0.999	10.22	83.79	159.5	537.1	36.64	546.4	152.8
30-Nov-15	12:51:45	138.8	8.39	3012.7	13.42	50.06	0.998	10.22	86.16	159.5	537.0	36.64	546.4	152.8
30-Nov-15	12:51:50	138.8	8.13	3013.5	13.42	50.06	0.998	10.22	84.77	159.5	537.0	36.64	546.4	152.8
30-Nov-15	12:51:55	138.6	8.31	3012.1	13.42	50.06	0.998	10.22	84.19	159.4	537.0	36.64	546.4	152.8
30-Nov-15	12:52:00	139.2	8.36	3012.6	13.42	50.06	0.999	10.22	85.61	159.4	537.0	36.64	546.4	152.8
30-Nov-15	12:52:05	138.8	9.51	3009.5	13.42	50.06	0.998	10.49	84.22	159.6	536.9	36.64	546.3	152.8
30-Nov-15	12:52:10	139.1	8.74	3012.0	13.42	50.06	0.998	10.38	86.90	159.8	536.9	36.64	546.3	152.8
30-Nov-15	12:52:15	138.9	8.66	3013.4	13.42	50.06	0.998	10.28	84.68	159.8	536.9	36.64	546.3	152.8
30-Nov-15	12:52:20	139.1	7.66	3015.1	13.42	50.06	0.998	10.39	84.05	159.8	537.1	36.64	546.4	152.8
30-Nov-15	12:52:25	139.3	7.68	3016.1	13.42	50.06	0.998	10.39	85.79	159.8	537.2	36.64	546.5	152.8
30-Nov-15	12:52:30	138.9	8.53	3016.8	13.42	50.06	0.998	10.39	84.01	159.8	537.4	36.64	546.6	152.8
30-Nov-15	12:52:35	139.2	7.52	3016.0	13.42	50.06	0.999	10.39	85.37	159.7	537.5	36.64	546.6	152.8
30-Nov-15	12:52:40	139.3	7.29	3014.5	13.42	50.06	0.999	10.39	83.88	159.7	537.5	36.64	546.8	152.8
30-Nov-15	12:52:45	139.3	8.65	3010.7	13.42	50.06	0.998	10.39	86.07	159.7	537.5	36.64	546.8	152.8
30-Nov-15	12:52:50	138.7	9.66	3011.9	13.42	50.06	0.998	10.39	84.23	159.7	537.5	36.64	546.8	152.8
30-Nov-15	12:52:55	138.7	8.32	3015.9	13.42	50.06	0.998	10.39	85.69	159.7	537.5	36.64	546.8	152.8
30-Nov-15	12:53:00	138.9	6.88	3018.3	13.42	50.06	0.999	10.39	85.45	159.9	537.5	36.64	546.8	152.8
30-Nov-15	12:53:05	139.1	7.26	3021.7	13.42	50.16	0.999	10.55	83.98	160.0	537.5	36.64	546.8	152.8
30-Nov-15	12:53:10	138.9	7.54	3021.7	13.42	50.16	0.999	10.55	85.75	160.1	537.6	36.64	546.8	152.8
30-Nov-15	12:53:15	139.5	6.36	3021.7	13.42	50.16	0.999	10.55	84.65	160.1	537.7	36.64	547.0	152.8
30-Nov-15	12:53:20	139.5	7.50	3018.5	13.42	50.16	0.999	10.55	84.16	160.1	537.8	36.64	547.0	152.8
30-Nov-15	12:53:25	139.2	8.12	3017.0	13.42	50.16	0.998	10.42	85.44	160.0	537.9	36.64	547.1	152.8
30-Nov-15	12:53:30	13												

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	12:57:00	139.7	9.62	3016.9	13.42	50.13	0.998	10.42	85.47	160.5	537.5	36.75	547.1	152.8
30-Nov-15	12:57:05	139.3	9.76	3016.9	13.42	50.13	0.998	10.42	83.68	160.5	537.6	36.75	547.1	152.8
30-Nov-15	12:57:10	139.4	9.37	3020.1	13.42	50.13	0.998	10.42	85.92	160.5	537.7	36.75	547.2	152.8
30-Nov-15	12:57:15	139.7	7.54	3020.0	13.42	50.13	0.999	10.42	84.10	160.4	537.7	36.75	547.2	152.8
30-Nov-15	12:57:20	139.6	10.43	3021.5	13.42	50.13	0.997	10.42	85.71	160.4	537.7	36.75	547.2	152.8
30-Nov-15	12:57:25	139.9	7.77	3020.2	13.42	50.13	0.998	10.42	84.27	160.4	537.7	36.75	547.2	152.8
30-Nov-15	12:57:30	139.7	9.96	3018.4	13.42	50.13	0.997	10.42	85.13	160.4	537.7	36.75	547.2	152.8
30-Nov-15	12:57:35	140.2	9.01	3015.3	13.42	50.13	0.998	10.32	85.06	160.6	537.6	36.75	547.1	152.8
30-Nov-15	12:57:40	139.5	13.43	3013.1	13.42	50.02	0.995	10.32	84.04	160.6	537.5	36.75	547.1	152.8
30-Nov-15	12:57:45	139.7	10.00	3016.0	13.42	50.02	0.997	10.32	85.77	160.6	537.5	36.75	547.1	152.8
30-Nov-15	12:57:50	139.8	8.92	3016.9	13.42	50.02	0.998	10.32	83.79	160.6	537.5	36.75	547.2	152.8
30-Nov-15	12:57:55	139.3	9.93	3016.9	13.42	50.12	0.997	10.32	86.09	160.6	537.6	36.75	547.3	152.8
30-Nov-15	12:58:00	139.8	7.63	3019.5	13.42	50.12	0.999	10.32	84.69	160.6	537.6	36.75	547.3	152.8
30-Nov-15	12:58:05	139.6	9.51	3020.1	13.42	50.12	0.998	10.32	84.77	160.4	537.6	36.75	547.3	152.8
30-Nov-15	12:58:10	139.8	9.15	3021.5	13.42	50.12	0.998	10.32	84.37	160.4	537.6	36.75	547.3	152.8
30-Nov-15	12:58:15	140.2	8.29	3020.8	13.42	50.12	0.998	10.32	85.13	160.3	537.5	36.75	547.2	152.8
30-Nov-15	12:58:20	139.5	10.36	3017.7	13.42	50.12	0.997	10.32	84.53	160.3	537.4	36.75	547.1	152.8
30-Nov-15	12:58:25	139.7	9.11	3016.0	13.42	50.12	0.998	10.32	84.35	160.2	537.2	36.75	547.0	152.8
30-Nov-15	12:58:30	139.1	11.76	3015.5	13.42	50.12	0.996	10.32	85.69	160.2	537.1	36.75	546.9	152.8
30-Nov-15	12:58:35	139.4	8.94	3022.5	13.42	50.12	0.998	10.32	83.75	160.5	536.9	36.75	546.8	152.8
30-Nov-15	12:58:40	139.7	6.97	3023.3	13.38	50.12	0.999	10.32	85.61	160.5	536.9	36.75	546.8	152.8
30-Nov-15	12:58:45	139.9	8.05	3021.7	13.38	50.12	0.998	10.32	83.97	160.6	536.8	36.75	546.8	152.8
30-Nov-15	12:58:50	139.3	9.81	3020.4	13.38	50.12	0.998	10.32	84.88	160.6	536.8	36.75	546.8	152.8
30-Nov-15	12:58:55	139.4	9.52	3023.4	13.42	50.23	0.998	10.43	84.95	160.5	536.9	36.75	546.8	152.8
30-Nov-15	12:59:00	139.7	7.41	3022.5	13.38	50.23	0.999	10.43	84.19	160.5	536.9	36.75	546.8	152.8
30-Nov-15	12:59:05	139.5	9.72	3023.9	13.38	50.23	0.998	10.43	85.14	160.4	536.9	36.75	546.8	152.8
30-Nov-15	12:59:10	139.9	8.00	3022.8	13.38	50.23	0.998	10.43	84.00	160.4	536.9	36.75	546.7	152.8
30-Nov-15	12:59:15	139.5	9.86	3023.5	13.38	50.23	0.998	10.43	86.35	160.4	536.8	36.75	546.5	152.8
30-Nov-15	12:59:20	139.1	8.45	3024.9	13.38	50.23	0.998	10.43	83.97	160.2	536.7	36.75	546.5	152.8
30-Nov-15	12:59:25	139.8	7.07	3025.7	13.38	50.23	0.999	10.43	85.11	160.4	536.6	36.75	546.4	152.8
30-Nov-15	12:59:30	139.5	8.31	3026.4	13.38	50.23	0.998	10.43	85.06	160.5	536.6	36.75	546.3	152.8
30-Nov-15	12:59:35	139.9	7.99	3027.1	13.38	50.23	0.998	10.43	84.62	160.6	536.5	36.75	546.3	152.8
30-Nov-15	12:59:40	139.7	7.85	3025.6	13.38	50.23	0.998	10.43	85.46	160.5	536.5	36.75	546.3	152.8
30-Nov-15	12:59:45	139.6	7.82	3027.2	13.38	50.23	0.998	10.22	83.98	160.5	536.5	36.75	546.3	152.8
30-Nov-15	12:59:50	140.3	6.80	3028.0	13.38	50.23	0.999	10.37	85.07	160.4	536.5	36.75	546.3	152.8
30-Nov-15	12:59:55	139.9	8.75	3022.0	13.30	50.23	0.998	10.37	84.29	160.4	536.5	36.75	546.3	152.8
30-Nov-15	13:00:00	139.4	11.42	3026.1	13.42	50.23	0.997	10.37	85.85	160.3	536.5	36.75	546.2	152.8
30-Nov-15	13:00:05	139.4	7.56	3025.7	13.38	50.23	0.999	10.37	84.20	160.3	536.5	36.75	546.2	152.8
30-Nov-15	13:00:10	139.3	8.49	3028.4	13.38	50.23	0.998	10.37	85.53	160.3	536.3	36.75	546.1	152.8
30-Nov-15	13:00:15	140.1	4.77	3026.1	13.30	50.23	0.999	10.57	83.30	160.3	536.2	36.75	546.0	152.8
30-Nov-15	13:00:20	139.4	12.84	3028.6	13.42	50.23	0.996	10.42	85.78	160.4	536.1	36.75	545.9	152.8
30-Nov-15	13:00:25	139.4	11.01	3024.5	13.42	50.23	0.995	10.39	85.03	160.5	536.1	36.75	545.9	152.8
30-Nov-15	13:00:30	139.7	6.67	3028.1	13.39	50.23	0.999	10.29	84.50	160.5	536.1	36.75	545.9	152.7
30-Nov-15	13:00:35	140.2	6.36	3024.2	13.32	50.23	0.999	10.29	84.52	160.5	536.1	36.75	545.9	152.7
30-Nov-15	13:00:40	139.7	11.25	3020.1	13.40	50.23	0.997	10.29	84.18	160.5	536.2	36.75	545.9	152.7
30-Nov-15	13:00:45	139.6	9.35	3022.3	13.40	50.23	0.998	10.29	86.19	160.4	536.3	36.75	546.0	152.7
30-Nov-15	13:00:50	139.7	8.48	3022.5	13.40	50.23	0.998	10.29	83.81	160.4	536.3	36.75	546.0	152.7
30-Nov-15	13:00:55	139.6	8.92	3022.8	13.40	50.23	0.998	10.29	85.98	160.4	536.3	36.75	546.0	152.7
30-Nov-15	13:01:00	139.6	7.79	3024.9	13.40	50.23	0.998	10.29	83.74	160.4	536.3	36.75	546.0	152.7
30-Nov-15	13:01:05	139.6	8.14	3025.7	13.40	50.23	0.998	10.40	86.04	160.4	536.3	36.75	545.9	152.7
30-Nov-15	13:01:10	139.6	7.74	3025.7	13.40	50.23	0.998	10.40	84.15	160.4	536.2	36.75	545.8	152.7
30-Nov-15	13:01:15	139.8	8.63	3023.9	13.40	50.23	0.998	10.40	83.91	160.4	536.2	36.75	545.8	152.7
30-Nov-15	13:01:20	139.8	8.33	3023.4	13.40	50.23	0.998	10.40	85.88	160.6	536.1	36.75	545.8	152.7
30-Nov-15	13:01:25	140.0	9.04	3024.1	13.40	50.23	0.998	10.40	83.74	160.8	536.1	36.75	545.8	152.7
30-Nov-15	13:01:30	139.7	8.43	3024.1	13.40	50.23	0.998	10.40	85.97	160.8	536.1	36.75	545.8	152.7
30-Nov-15	13:01:35	139.8	7.64	3022.5	13.40	50.23	0.999	10.24	83.63	160.8	536.2	36.75	545.9	152.7
30-Nov-15	13:01:40	139.6	9.62	3021.8	13.40	50.23	0.998	10.24	85.93	160.8	536.4	36.75	545.9	152.7
30-Nov-15	13:01:45	139.4	8.22	3025.8	13.40	50.23	0.998	10.37	83.95	160.8	536.4	36.85	545.9	152.7
30-Nov-15	13:01:50	139.7	6.85	3025.7	13.40	50.23	0.999	10.37	85.60	160.7	536.5	36.85	546.0	152.7
30-Nov-15	13:01:55	140.1	6.40	3026.0	13.33	50.23	0.999	10.37	83.99	160.9	536.5	36.85	546.0	152.7
30-Nov-15	13:02:00	140.1	8.78	3021.1	13.33	50.23	0.998	10.69	85.04	160.9	536.5	36.85	546.0	152.7
30-Nov-15	13:02:05	139.7	11.64	3019.2	13.41	50.23	0.997	10.53	85.09	160.9	536.5	36.85	546.0	152.7
30-Nov-15	13:02:10	139.5	9.69	3022.4	13.41	50.23	0.998	10.53	85.02	160.9	536.5	36.85	546.0	152.7
30-Nov-15	13:02:15	139.7	7.66	3024.8	13.41	50.23	0.999	10.53	84.35	160.9	536.5	36.85	546.1	152.7
30-Nov-15	13:02:20	139.7	8.09	3024.2	13.41	50.23	0.998	10.53	84.47	160.8	536.6	36.85	546.1	152.7
30-Nov-15	13:02:25	140.0	8.25	3024.9	13.41	50.23	0.998	10.30	85.81	160.8	536.6	36.85	546.1	152.7
30-Nov-15	13:02:30	139.6	8.24	3022.5	13.41	50.23	0.998	10.44	83.58	160.8	536.6	36.85	546.1	152.7
30-Nov-15	13:02:35	139.6	7.94	3021.9	13.41	50.23	0.998	10.44	85.62	160.6	536.6	36.85	546.0	152.7
30-Nov-15	13:02:40	139.5	9.19	3019.4	13.41	50.23	0.998	10.44	84.93	160.6	536.5	36.85	546.0	152.7
30-Nov-15	13:02:45	139.2	10.35	3021.8	13.41	50.23	0.997	10.44	84.53	160.5	536.4	36.85	545.9	152.7
30-Nov-15	13:02:50	139.5	7.49	3026.5	13.41	50.23	0.999	10.44	85.38	160.7	536.3	36.85	545.8	152.7
30-Nov-15	13:02:55	139.6	7.88	3026.5	13.34	50.23	0.998	10.53	84.52	160.8	536.2	36.85	545.7	152.7
30-Nov-15	13:03:00	139.6	7.38	3027.3	13.34	50.23	0.999	10.41	84.94	160.9	536.2	36.85	545.7	152.7
30-Nov-15	13:03:05	139.9	7.51	3026.5	13.34	50.23	0.999	10.41	84.01	160.9	536.2	36.85	545.7	152.7
30-Nov-15	13:03:10	139.8	8.81	3026.5	13.34	50.23	0.998	10.41	85.07	160.9	536.2	36.85	545.7	152.7
30-Nov-15	13:03:15	139.9	7.12	3024.9	13.34	50.23	0.998	10.41	83.94	160.9	536.3	36.85	545.7	152.7
30-Nov-1														

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	13:06:50	138.8	9.33	3017.8	13.39	50.13	0.998	10.33	84.77	159.9	535.4	36.63	544.7	152.6
30-Nov-15	13:06:55	138.7	9.92	3020.0	13.39	50.13	0.997	10.33	85.96	159.9	535.4	36.63	544.7	152.5
30-Nov-15	13:07:00	138.6	8.66	3023.3	13.39	50.13	0.998	10.33	84.45	159.9	535.4	36.63	544.7	152.5
30-Nov-15	13:07:05	138.6	7.89	3022.6	13.39	50.13	0.998	10.33	84.15	159.7	535.4	36.63	544.7	152.5
30-Nov-15	13:07:10	138.6	8.13	3023.7	13.39	50.13	0.998	10.33	85.81	159.7	535.5	36.63	544.7	152.5
30-Nov-15	13:07:15	138.5	8.83	3022.8	13.39	50.13	0.998	10.33	83.85	159.7	535.5	36.63	544.7	152.5
30-Nov-15	13:07:20	138.8	7.48	3024.7	13.39	50.23	0.999	10.33	85.84	159.6	535.5	36.63	544.7	152.5
30-Nov-15	13:07:25	138.6	8.38	3023.5	13.39	50.23	0.998	10.33	83.75	159.6	535.5	36.63	544.5	152.5
30-Nov-15	13:07:30	138.8	9.47	3024.1	13.39	50.23	0.998	10.33	86.93	159.6	535.5	36.63	544.5	152.5
30-Nov-15	13:07:35	139.0	7.80	3023.1	13.39	50.23	0.998	10.33	84.51	159.8	535.5	36.63	544.4	152.5
30-Nov-15	13:07:40	138.9	9.44	3024.2	13.39	50.23	0.998	10.33	84.75	159.8	535.5	36.63	544.4	152.5
30-Nov-15	13:07:45	138.7	8.09	3025.1	13.39	50.23	0.998	10.33	84.83	159.8	535.5	36.63	544.5	152.5
30-Nov-15	13:07:50	138.8	8.73	3025.7	13.39	50.23	0.998	10.33	83.89	159.8	535.6	36.63	544.5	152.5
30-Nov-15	13:07:55	138.9	8.43	3026.7	13.39	50.23	0.998	10.33	86.31	159.7	535.8	36.63	544.5	152.5
30-Nov-15	13:08:00	138.3	9.08	3025.9	13.39	50.23	0.998	10.46	84.30	159.7	535.8	36.63	544.7	152.5
30-Nov-15	13:08:05	138.7	7.67	3027.4	13.39	50.23	0.998	10.46	84.70	159.7	535.8	36.63	544.7	152.5
30-Nov-15	13:08:10	139.5	5.18	3025.6	13.31	50.23	0.999	10.72	84.65	159.9	535.8	36.63	544.7	152.5
30-Nov-15	13:08:15	138.6	11.59	3021.8	13.44	50.23	0.997	10.50	84.92	159.9	535.9	36.63	544.7	152.5
30-Nov-15	13:08:20	139.1	8.39	3023.4	13.44	50.23	0.998	10.50	85.10	159.9	535.9	36.63	544.7	152.5
30-Nov-15	13:08:25	139.0	9.27	3023.5	13.40	50.23	0.998	10.50	84.15	159.7	536.0	36.63	544.7	152.5
30-Nov-15	13:08:30	138.7	10.36	3024.1	13.40	50.23	0.997	10.19	86.22	159.7	536.0	36.63	544.8	152.5
30-Nov-15	13:08:35	138.6	8.43	3026.6	13.40	50.23	0.998	10.40	84.47	159.6	536.0	36.63	544.8	152.5
30-Nov-15	13:08:40	139.1	7.34	3028.9	13.40	50.23	0.999	10.50	84.63	159.6	536.0	36.63	544.8	152.5
30-Nov-15	13:08:45	139.1	7.20	3022.9	13.32	50.23	0.999	10.39	84.38	159.5	536.0	36.63	544.7	152.5
30-Nov-15	13:08:50	138.4	11.86	3022.5	13.44	50.23	0.996	10.39	86.02	159.5	535.9	36.63	544.7	152.5
30-Nov-15	13:08:55	138.6	8.04	3024.9	13.44	50.23	0.998	10.39	85.57	159.4	535.8	36.63	544.5	152.5
30-Nov-15	13:09:00	138.4	7.79	3026.5	13.44	50.23	0.998	10.66	83.71	159.4	535.7	36.63	544.4	152.5
30-Nov-15	13:09:05	139.1	8.22	3029.7	13.44	50.23	0.998	10.42	86.26	159.6	535.6	36.63	544.4	152.5
30-Nov-15	13:09:10	139.3	7.73	3024.2	13.30	50.23	0.998	10.32	83.89	159.6	535.6	36.63	544.4	152.5
30-Nov-15	13:09:15	138.5	13.66	3023.2	13.41	50.23	0.995	10.43	86.00	159.8	535.6	36.63	544.4	152.5
30-Nov-15	13:09:20	139.0	8.65	3025.6	13.41	50.23	0.998	10.43	85.21	159.8	535.7	36.63	544.5	152.5
30-Nov-15	13:09:25	138.6	9.58	3025.0	13.41	50.23	0.998	10.08	83.52	159.8	535.9	36.63	544.7	152.5
30-Nov-15	13:09:30	138.7	8.28	3028.2	13.41	50.23	0.998	10.33	86.26	159.6	535.9	36.63	544.7	152.5
30-Nov-15	13:09:35	139.1	6.55	3023.1	13.28	50.23	0.999	10.33	83.96	159.6	536.0	36.63	544.7	152.5
30-Nov-15	13:09:40	138.4	11.20	3023.3	13.42	50.23	0.997	10.33	86.18	159.5	536.0	36.63	544.7	152.5
30-Nov-15	13:09:45	138.9	8.38	3028.2	13.42	50.23	0.998	10.64	84.69	159.6	536.0	36.63	544.7	152.5
30-Nov-15	13:09:50	139.2	6.58	3022.9	13.27	50.23	0.999	10.39	84.15	159.8	536.0	36.63	544.7	152.5
30-Nov-15	13:09:55	138.8	11.16	3021.2	13.40	50.23	0.997	10.28	86.00	159.8	536.1	36.63	544.8	152.5
30-Nov-15	13:10:00	138.6	9.85	3025.3	13.40	50.23	0.997	10.28	83.77	159.7	536.2	36.63	544.9	152.5
30-Nov-15	13:10:05	139.1	5.93	3027.3	13.40	50.23	0.999	10.02	85.82	159.7	536.3	36.63	544.9	152.5
30-Nov-15	13:10:10	138.5	8.38	3024.1	13.40	50.23	0.998	10.29	83.92	159.5	536.4	36.63	544.9	152.5
30-Nov-15	13:10:15	138.9	8.93	3024.9	13.40	50.23	0.998	10.37	85.57	159.4	536.4	36.63	544.9	152.5
30-Nov-15	13:10:20	138.7	7.48	3024.3	13.40	50.23	0.999	10.29	84.40	159.4	536.4	36.63	544.9	152.5
30-Nov-15	13:10:25	138.1	11.13	3026.0	13.40	50.23	0.997	10.29	85.51	159.4	536.3	36.63	544.9	152.5
30-Nov-15	13:10:30	138.9	5.12	3027.6	13.30	50.23	0.999	10.29	85.28	159.3	536.2	36.63	544.8	152.5
30-Nov-15	13:10:35	138.8	10.08	3025.0	13.37	50.23	0.997	10.29	84.58	159.3	536.1	36.63	544.7	152.5
30-Nov-15	13:10:40	138.3	9.96	3024.3	13.40	50.23	0.997	10.70	85.54	159.4	536.0	36.63	544.7	152.5
30-Nov-15	13:10:45	138.8	6.82	3026.6	13.40	50.23	0.999	10.49	83.77	159.5	535.9	36.63	544.5	152.5
30-Nov-15	13:10:50	138.9	7.72	3025.1	13.40	50.23	0.998	10.49	86.01	159.5	535.8	36.63	544.5	152.5
30-Nov-15	13:10:55	138.5	9.96	3026.0	13.40	50.23	0.997	10.49	84.70	159.5	535.8	36.63	544.5	152.5
30-Nov-15	13:11:00	138.5	7.55	3026.7	13.40	50.23	0.999	10.49	83.97	159.4	535.8	36.63	544.7	152.5
30-Nov-15	13:11:05	139.0	7.49	3027.3	13.40	50.23	0.999	10.49	86.18	159.3	535.8	36.63	544.7	152.5
30-Nov-15	13:11:10	138.3	9.31	3022.7	13.37	50.23	0.998	10.49	83.78	159.3	535.8	36.63	544.7	152.5
30-Nov-15	13:11:15	138.0	11.00	3025.2	13.41	50.23	0.997	10.59	86.01	159.2	535.8	36.63	544.7	152.5
30-Nov-15	13:11:20	138.6	6.43	3027.6	13.37	50.23	0.999	10.59	83.81	159.2	535.8	36.63	544.5	152.5
30-Nov-15	13:11:25	138.7	8.76	3025.1	13.37	50.23	0.998	10.59	85.98	159.3	535.8	36.63	544.5	152.5
30-Nov-15	13:11:30	138.4	8.82	3025.0	13.37	50.23	0.998	10.59	84.79	159.4	535.8	36.63	544.5	152.5
30-Nov-15	13:11:35	138.7	9.36	3026.5	13.37	50.23	0.998	10.25	83.99	159.4	535.8	36.63	544.5	152.5
30-Nov-15	13:11:40	138.5	10.16	3026.6	13.37	50.23	0.998	10.37	86.13	159.3	535.8	36.63	544.5	152.5
30-Nov-15	13:11:45	138.5	9.73	3028.1	13.37	50.23	0.998	10.38	84.11	159.3	535.8	36.63	544.7	152.5
30-Nov-15	13:11:50	138.4	8.93	3027.3	13.37	50.23	0.998	10.38	84.92	159.2	535.8	36.63	544.7	152.5
30-Nov-15	13:11:55	138.6	8.66	3026.1	13.37	50.23	0.998	10.38	85.69	159.1	535.8	36.63	544.7	152.5
30-Nov-15	13:12:00	138.4	9.19	3024.2	13.37	50.23	0.998	10.38	83.84	159.2	535.8	36.63	544.7	152.5
30-Nov-15	13:12:05	138.9	8.44	3023.9	13.37	50.23	0.998	10.45	86.24	159.3	535.8	36.63	544.5	152.5
30-Nov-15	13:12:10	138.8	10.13	3024.0	13.37	50.23	0.997	10.45	84.59	159.3	535.8	36.63	544.5	152.5
30-Nov-15	13:12:15	138.8	10.23	3024.2	13.37	50.23	0.997	10.45	85.53	159.3	535.8	36.63	544.5	152.5
30-Nov-15	13:12:20	138.3	10.15	3025.7	13.37	50.23	0.997	10.32	85.07	159.3	535.8	36.63	544.7	152.5
30-Nov-15	13:12:25	138.3	8.63	3024.9	13.37	50.23	0.998	10.32	84.51	159.3	535.8	36.63	544.7	152.5
30-Nov-15	13:12:30	138.6	8.90	3026.2	13.37	50.23	0.998	10.32	85.57	159.3	535.8	36.63	544.7	152.5
30-Nov-15	13:12:35	138.3	9.01	3025.5	13.37	50.23	0.998	10.32	83.81	159.2	535.9	36.63	544.7	152.5
30-Nov-15	13:12:40	138.5	8.68	3025.8	13.37	50.23	0.998	10.32	86.02	159.2	535.9	36.63	544.7	152.5
30-Nov-15	13:12:45	138.3	8.86	3026.6	13.37	50.23	0.998	10.32	84.58	159.2	535.9	36.63	544.7	152.5
30-Nov-15	13:12:50	138.3	7.93	3026.6	13.37	50.23	0.998	10.50	84.44	159.3	535.9	36.63	544.7	152.5
30-Nov-15	13:12:55	138.6	7.77	3025.8	13.37	50.23	0.998	10.39	86.01	159.4	535.9	36.63	544.7	152.5
30-Nov-15	13:13:00	138.8	8.91	3023.7	13.37	50.23	0.998	10.39	83.97	159.6	535.9	36.63	544.7	152.5
30-Nov-15	13:13:05	138.7	10.37	3024.7	13.37	50.23	0.998	10.37	85.54	159.6	536.0	36.63	544.9	152.5

Norgener Power Plant Unit#1

Date	Time	Gross Power	Reactive Power	Speed	Voltage Generator	Frequency Generator	Power Factor	Auxiliary Power	HP Valve Position	HP steam Pressure	HP steam Temperature	IP steam Pressure	IP steam Temperature	Flue Gas Outlet Temperature
		MW	Mvar	rpm	kV	Hz	-	MW	%	bar(g)	°C	bar(g)	°C	°C
30-Nov-15	13:16:40	139.4	6.81	3029.0	13.39	50.22	0.999	10.52	85.37	160.3	537.1	36.74	545.8	152.4
30-Nov-15	13:16:45	139.4	8.30	3029.0	13.39	50.22	0.998	10.52	84.55	160.3	537.1	36.74	545.8	152.4
30-Nov-15	13:16:50	139.4	7.59	3028.3	13.39	50.22	0.999	10.52	84.88	160.3	537.1	36.74	545.8	152.4
30-Nov-15	13:16:55	139.6	8.03	3026.6	13.39	50.22	0.998	10.52	84.45	160.2	537.1	36.74	545.8	152.4
30-Nov-15	13:17:00	139.4	9.45	3025.7	13.39	50.22	0.998	10.52	85.08	160.2	537.0	36.74	545.8	152.4
30-Nov-15	13:17:05	139.1	9.28	3025.7	13.39	50.22	0.998	10.52	84.72	160.3	537.0	36.74	545.8	152.4
30-Nov-15	13:17:10	139.4	7.02	3026.5	13.39	50.22	0.999	10.52	83.61	160.5	536.9	36.74	545.8	152.4
30-Nov-15	13:17:15	139.7	8.31	3025.7	13.39	50.22	0.998	10.52	85.34	160.6	536.9	36.74	545.8	152.4
30-Nov-15	13:17:20	139.5	8.51	3025.7	13.39	50.22	0.998	10.33	83.93	160.6	536.9	36.74	545.9	152.4
30-Nov-15	13:17:25	139.2	8.93	3027.2	13.39	50.22	0.998	10.43	85.51	160.4	537.0	36.74	546.0	152.4
30-Nov-15	13:17:30	139.5	6.63	3029.4	13.39	50.22	0.999	10.43	84.67	160.4	537.1	36.74	546.0	152.4
30-Nov-15	13:17:35	139.5	6.91	3029.0	13.39	50.22	0.999	10.43	85.02	160.4	537.1	36.74	546.0	152.4
30-Nov-15	13:17:40	139.6	7.41	3030.5	13.39	50.33	0.999	10.43	84.72	160.3	537.1	36.74	546.0	152.4
30-Nov-15	13:17:45	139.4	8.15	3025.7	13.32	50.33	0.998	10.43	84.47	160.3	537.1	36.74	546.0	152.4
30-Nov-15	13:17:50	139.4	9.24	3022.5	13.32	50.22	0.998	10.43	83.98	160.2	537.1	36.74	546.0	152.4
30-Nov-15	13:17:55	139.4	8.95	3022.5	13.39	50.22	0.998	10.43	86.10	160.1	537.0	36.74	545.8	152.4
30-Nov-15	13:18:00	139.2	9.20	3020.9	13.39	50.22	0.998	10.33	83.66	160.1	536.8	36.74	545.8	152.4
30-Nov-15	13:18:05	139.1	10.21	3024.0	13.39	50.22	0.997	10.33	86.36	160.2	536.7	36.74	545.7	152.4
30-Nov-15	13:18:10	139.4	7.45	3027.3	13.39	50.22	0.999	10.64	84.37	160.4	536.6	36.74	545.6	152.4
30-Nov-15	13:18:15	140.1	5.05	3025.6	13.30	50.22	0.999	10.36	83.81	160.5	536.6	36.74	545.6	152.4
30-Nov-15	13:18:20	139.9	8.58	3020.8	13.30	50.22	0.998	10.36	85.89	160.5	536.6	36.74	545.6	152.4
30-Nov-15	13:18:25	139.4	10.82	3020.1	13.38	50.22	0.997	10.36	83.96	160.5	536.6	36.74	545.7	152.4
30-Nov-15	13:18:30	139.5	7.99	3024.7	13.42	50.22	0.998	10.20	84.93	160.4	536.7	36.74	545.8	152.4
30-Nov-15	13:18:35	139.7	7.49	3025.7	13.38	50.22	0.999	10.18	84.63	160.4	536.8	36.74	545.8	152.4
30-Nov-15	13:18:40	139.6	7.49	3025.7	13.38	50.22	0.999	10.30	84.40	160.4	536.8	36.74	545.8	152.4
30-Nov-15	13:18:45	139.6	8.13	3025.5	13.38	50.22	0.998	10.30	84.44	160.3	536.8	36.74	545.8	152.4
30-Nov-15	13:18:50	139.9	8.61	3024.7	13.38	50.22	0.998	10.30	84.69	160.3	536.8	36.74	545.8	152.4
30-Nov-15	13:18:55	139.7	7.86	3024.1	13.38	50.22	0.998	10.30	84.53	160.3	536.8	36.74	545.8	152.4
30-Nov-15	13:19:00	139.9	7.90	3021.0	13.38	50.22	0.998	10.30	84.20	160.3	536.8	36.74	545.7	152.4
30-Nov-15	13:19:05	139.7	9.46	3018.6	13.38	50.22	0.998	10.30	85.36	160.3	536.7	36.74	545.7	152.4
30-Nov-15	13:19:10	140.0	8.46	3018.6	13.38	50.22	0.998	10.55	83.72	160.3	536.7	36.74	545.6	152.4
30-Nov-15	13:19:15	140.1	8.41	3016.0	13.38	50.12	0.998	10.35	85.61	160.6	536.6	36.74	545.6	152.4
30-Nov-15	13:19:20	139.5	10.85	3017.4	13.38	50.12	0.997	10.35	83.96	160.7	536.6	36.74	545.6	152.4
30-Nov-15	13:19:25	139.7	8.26	3023.2	13.38	50.23	0.998	10.46	85.33	160.7	536.6	36.84	545.6	152.4
30-Nov-15	13:19:30	140.3	4.87	3024.6	13.31	50.23	0.999	10.46	83.65	160.7	536.7	36.84	545.7	152.4
30-Nov-15	13:19:35	140.7	7.94	3020.2	13.31	50.23	0.998	10.36	85.77	160.7	536.8	36.84	545.8	152.4
30-Nov-15	13:19:40	140.3	9.55	3017.4	13.38	50.13	0.998	10.24	83.75	160.7	536.8	36.84	545.8	152.5
30-Nov-15	13:19:45	139.7	10.12	3016.6	13.38	50.13	0.997	10.35	85.78	160.7	537.0	36.84	545.8	152.5
30-Nov-15	13:19:50	139.7	9.11	3016.9	13.38	50.13	0.998	10.35	84.46	160.7	537.0	36.84	545.8	152.5
30-Nov-15	13:19:55	139.8	9.29	3016.9	13.38	50.13	0.998	10.35	84.01	160.6	537.0	36.84	545.8	152.5
30-Nov-15	13:20:00	139.8	8.43	3020.3	13.38	50.13	0.998	10.35	85.67	160.6	536.9	36.84	545.7	152.5
30-Nov-15	13:20:05	139.5	8.13	3025.5	13.38	50.23	0.998	10.35	84.10	160.7	536.8	36.84	545.7	152.5
30-Nov-15	13:20:10	140.1	7.81	3023.1	13.38	50.23	0.998	10.72	85.58	160.8	536.7	36.84	545.6	152.5
30-Nov-15	13:20:15	139.9	9.84	3021.6	13.38	50.23	0.998	10.46	83.77	161.0	536.7	36.84	545.6	152.5
30-Nov-15	13:20:20	139.7	8.21	3021.7	13.38	50.23	0.998	10.46	85.67	161.0	536.7	36.84	545.6	152.5
30-Nov-15	13:20:25	140.4	7.07	3021.5	13.38	50.23	0.999	10.46	84.57	161.0	536.7	36.84	545.7	152.5
30-Nov-15	13:20:30	140.1	9.21	3016.8	13.38	50.13	0.998	10.46	84.59	161.0	536.8	36.84	545.7	152.5
30-Nov-15	13:20:35	139.7	9.87	3016.1	13.38	50.13	0.998	10.34	85.61	160.9	536.9	36.84	545.7	152.5
30-Nov-15	13:20:40	139.4	8.90	3017.6	13.38	50.13	0.998	10.16	83.92	160.9	536.9	36.84	545.7	152.5
30-Nov-15	13:20:45	139.8	8.00	3020.1	13.38	50.13	0.998	10.29	86.40	160.7	536.9	36.84	545.7	152.5
30-Nov-15	13:20:50	139.6	7.61	3019.8	13.38	50.13	0.999	10.29	84.33	160.6	536.9	36.84	545.6	152.5
30-Nov-15	13:20:55	139.6	7.90	3018.0	13.38	50.13	0.998	10.29	84.38	160.6	536.8	36.84	545.5	152.5
30-Nov-15	13:21:00	139.6	10.42	3018.6	13.38	50.13	0.997	10.29	85.75	160.6	536.6	36.84	545.4	152.5
30-Nov-15	13:21:05	139.5	9.43	3019.1	13.38	50.13	0.998	10.55	83.93	160.6	536.5	36.84	545.3	152.5
30-Nov-15	13:21:10	139.8	7.54	3018.5	13.38	50.13	0.999	10.40	85.48	160.7	536.3	36.84	545.1	152.5
30-Nov-15	13:21:15	140.0	8.91	3016.1	13.38	50.13	0.998	10.28	84.07	160.9	536.2	36.84	545.0	152.5
30-Nov-15	13:21:20	139.4	9.98	3016.1	13.38	50.13	0.997	10.28	86.47	160.9	536.2	36.84	545.0	152.5
30-Nov-15	13:21:25	139.4	9.33	3021.4	13.38	50.13	0.998	10.28	83.79	160.9	536.2	36.84	545.0	152.5
30-Nov-15	13:21:30	139.8	8.33	3024.4	13.38	50.13	0.998	10.43	85.80	160.9	536.3	36.84	545.1	152.6
30-Nov-15	13:21:35	139.8	7.46	3021.6	13.38	50.13	0.999	10.09	83.74	160.9	536.3	36.84	545.1	152.6
30-Nov-15	13:21:40	139.8	8.21	3019.6	13.38	50.13	0.998	10.20	85.60	160.8	536.4	36.84	545.1	152.6
30-Nov-15	13:21:45	139.4	9.58	3018.6	13.38	50.13	0.998	10.31	84.28	160.6	536.4	36.84	545.1	152.6
30-Nov-15	13:21:50	139.7	8.27	3018.5	13.38	50.13	0.998	10.31	85.44	160.6	536.4	36.84	545.1	152.6
30-Nov-15	13:21:55	139.6	8.07	3017.0	13.38	50.13	0.998	10.31	84.40	160.6	536.3	36.84	545.0	152.6
30-Nov-15	13:22:00	139.3	9.13	3017.8	13.38	50.13	0.998	10.31	85.13	160.5	536.2	36.84	544.9	152.6
30-Nov-15	13:22:05	139.4	8.88	3018.5	13.38	50.13	0.998	10.31	85.29	160.5	536.1	36.84	544.8	152.6
30-Nov-15	13:22:10	139.6	9.18	3017.8	13.38	50.13	0.998	10.59	84.23	160.6	535.9	36.84	544.7	152.6
30-Nov-15	13:22:15	139.9	8.57	3017.8	13.38	50.13	0.998	10.36	85.76	160.6	535.9	36.84	544.7	152.6
30-Nov-15	13:22:20	139.6	8.69	3015.2	13.38	50.13	0.998	10.36	84.05	160.7	535.9	36.84	544.7	152.6
30-Nov-15	13:22:25	139.6	9.29	3016.2	13.38	50.13	0.998	10.36	86.41	160.7	535.9	36.84	544.7	152.6
30-Nov-15	13:22:30	139.7	8.75	3016.2	13.38	50.13	0.998	10.36	83.90	160.6	535.9	36.84	544.7	152.6
30-Nov-15	13:22:35	139.5	9.11	3017.0	13.38	50.13	0.998	10.36	86.10	160.6	535.9	36.84	544.7	152.6
30-Nov-15	13:22:40	139.6	7.77	3018.8	13.38	50.13	0.998	10.36	84.03	160.6	535.9	36.84	544.7	152.6
30-Nov-15	13:22:45	139.7	7.84	3018.5	13.38	50.13	0.998	10.48	85.05	160.5	535.9	36.84	544.7	152.6
30-Nov-15	13:22:50	139.6	8.66	3016.9	13.38	50.13	0.998	10.48	84.40	160.5	535.9	36.84	544.6	152.6
30-Nov-15	13:22:55	139.2	9.21	3017.3	13.38	50.13	0.998	10.42	84.77	160.5	535.8</			

Norgener Power Plant Unit#1

Date Time		Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	13:26:30	139.1	7.05	3017.5	13.35	50.03	0.999	10.31	83.74	160.1	535.3	36.72	543.4	152.6
30-Nov-15	13:26:35	138.5	7.79	3015.3	13.35	50.03	0.998	10.31	86.22	160.1	535.3	36.72	543.4	152.6
30-Nov-15	13:26:40	138.8	8.50	3017.7	13.35	50.03	0.998	10.31	84.93	160.0	535.3	36.72	543.4	152.6
30-Nov-15	13:26:45	138.9	7.88	3016.1	13.35	50.03	0.998	10.31	83.82	160.0	535.3	36.62	543.4	152.6
30-Nov-15	13:26:50	138.6	10.42	3014.3	13.35	50.03	0.997	10.31	86.54	159.8	535.3	36.62	543.3	152.6
30-Nov-15	13:26:55	138.4	9.79	3016.1	13.35	50.03	0.998	10.31	84.71	159.8	535.3	36.62	543.3	152.6
30-Nov-15	13:27:00	138.7	7.28	3016.3	13.35	50.03	0.999	10.31	84.29	159.7	535.2	36.62	543.2	152.6
30-Nov-15	13:27:05	138.7	9.64	3016.1	13.35	50.03	0.998	10.60	86.33	159.8	535.2	36.62	543.2	152.6
30-Nov-15	13:27:10	138.5	9.14	3017.0	13.35	50.03	0.998	10.48	84.60	159.8	535.2	36.62	543.2	152.6
30-Nov-15	13:27:15	139.0	6.47	3016.2	13.35	50.03	0.999	10.38	84.82	159.8	535.2	36.62	543.2	152.6
30-Nov-15	13:27:20	138.8	9.29	3012.9	13.35	50.03	0.998	10.38	85.79	159.8	535.2	36.62	543.2	152.6
30-Nov-15	13:27:25	138.6	10.83	3012.8	13.35	50.03	0.997	10.38	84.15	159.8	535.3	36.62	543.2	152.6
30-Nov-15	13:27:30	138.3	9.17	3015.6	13.35	50.03	0.998	10.38	86.22	159.8	535.3	36.62	543.2	152.6
30-Nov-15	13:27:35	139.0	7.58	3018.7	13.35	50.13	0.999	10.38	84.16	159.7	535.3	36.62	543.2	152.6
30-Nov-15	13:27:40	138.8	8.52	3015.4	13.35	50.13	0.998	10.38	85.22	159.8	535.3	36.62	543.2	152.6
30-Nov-15	13:27:45	138.5	9.77	3015.4	13.35	50.13	0.998	10.38	85.94	159.9	535.3	36.62	543.2	152.6
30-Nov-15	13:27:50	139.2	7.65	3016.2	13.35	50.13	0.998	10.38	84.70	159.9	535.3	36.62	543.2	152.6
30-Nov-15	13:27:55	138.6	9.42	3014.6	13.35	50.13	0.998	10.21	85.22	159.9	535.4	36.62	543.2	152.6
30-Nov-15	13:28:00	138.5	7.99	3014.5	13.35	50.13	0.998	10.21	85.92	159.8	535.5	36.62	543.3	152.6
30-Nov-15	13:28:05	138.7	7.50	3015.7	13.35	50.13	0.999	10.21	83.85	159.7	535.5	36.62	543.3	152.6
30-Nov-15	13:28:10	138.7	8.44	3015.3	13.35	50.13	0.998	10.32	86.41	159.6	535.6	36.62	543.3	152.6
30-Nov-15	13:28:15	138.9	8.59	3013.7	13.35	50.13	0.998	10.32	84.44	159.5	535.6	36.62	543.3	152.6
30-Nov-15	13:28:20	138.7	10.49	3012.7	13.35	50.02	0.997	10.32	85.74	159.5	535.6	36.62	543.3	152.6
30-Nov-15	13:28:25	139.0	8.29	3012.3	13.35	50.02	0.998	10.32	85.29	159.4	535.5	36.62	543.2	152.6
30-Nov-15	13:28:30	138.2	10.18	3011.7	13.35	50.02	0.997	10.32	83.85	159.4	535.4	36.52	543.1	152.6
30-Nov-15	13:28:35	138.7	7.62	3016.7	13.35	50.02	0.998	10.32	86.58	159.5	535.3	36.52	543.0	152.6
30-Nov-15	13:28:40	138.7	8.07	3012.6	13.35	50.02	0.998	10.32	83.95	159.6	535.2	36.52	543.0	152.6
30-Nov-15	13:28:45	138.4	10.07	3013.9	13.35	50.02	0.997	10.32	86.54	159.6	535.2	36.52	543.0	152.6
30-Nov-15	13:28:50	138.2	8.74	3016.2	13.35	50.02	0.998	10.32	84.88	159.6	535.2	36.52	543.0	152.6
30-Nov-15	13:28:55	139.1	6.63	3016.8	13.35	50.02	0.999	10.32	84.08	159.6	535.3	36.52	543.1	152.6
30-Nov-15	13:29:00	138.7	9.73	3012.0	13.35	50.02	0.998	10.32	86.34	159.5	535.3	36.52	543.1	152.6
30-Nov-15	13:29:05	138.1	10.91	3011.2	13.42	50.02	0.997	10.32	84.32	159.5	535.4	36.52	543.1	152.6
30-Nov-15	13:29:10	138.4	8.53	3014.5	13.42	50.02	0.998	10.32	84.94	159.5	535.4	36.52	543.1	152.6
30-Nov-15	13:29:15	138.4	7.92	3014.5	13.42	50.02	0.998	10.53	85.81	159.6	535.4	36.52	543.1	152.6
30-Nov-15	13:29:20	138.8	8.66	3016.8	13.42	50.02	0.998	10.28	83.83	159.8	535.5	36.52	543.1	152.6
30-Nov-15	13:29:25	138.7	9.00	3015.1	13.35	50.02	0.998	10.28	86.14	159.8	535.6	36.52	543.2	152.6
30-Nov-15	13:29:30	138.7	9.19	3013.7	13.35	50.02	0.998	10.28	84.51	159.7	535.8	36.52	543.3	152.6
30-Nov-15	13:29:35	139.2	8.55	3012.0	13.35	50.02	0.998	9.97	84.73	159.7	535.9	36.52	543.4	152.6
30-Nov-15	13:29:40	138.6	10.75	3008.9	13.35	50.02	0.997	10.10	86.65	159.7	536.0	36.52	543.4	152.6
30-Nov-15	13:29:45	138.3	10.19	3010.4	13.35	50.02	0.997	10.21	84.34	159.6	536.0	36.52	543.5	152.6
30-Nov-15	13:29:50	138.6	8.76	3011.7	13.35	50.02	0.998	10.21	85.61	159.6	536.1	36.52	543.5	152.6
30-Nov-15	13:29:55	138.5	8.53	3010.5	13.35	50.02	0.998	10.21	85.69	159.7	536.1	36.52	543.5	152.6
30-Nov-15	13:30:00	138.8	9.48	3009.7	13.35	50.02	0.998	10.28	83.94	159.7	536.1	36.52	543.5	152.6
30-Nov-15	13:30:05	138.5	10.08	3010.4	13.35	50.02	0.997	10.28	86.53	159.8	536.1	36.52	543.5	152.6
30-Nov-15	13:30:10	138.8	9.79	3013.4	13.35	50.02	0.998	10.28	85.43	159.8	536.1	36.52	543.6	152.6
30-Nov-15	13:30:15	138.8	9.26	3012.8	13.35	50.02	0.998	10.28	84.39	159.7	536.2	36.52	543.6	152.6
30-Nov-15	13:30:20	138.6	9.57	3012.8	13.35	50.02	0.998	10.28	85.95	159.7	536.2	36.52	543.6	152.6
30-Nov-15	13:30:25	138.7	9.49	3014.5	13.35	50.02	0.998	10.39	84.17	159.7	536.2	36.52	543.6	152.6
30-Nov-15	13:30:30	139.0	7.36	3013.7	13.35	50.02	0.999	10.39	85.96	159.7	536.2	36.52	543.6	152.5
30-Nov-15	13:30:35	138.8	8.88	3011.3	13.35	50.02	0.998	10.07	84.72	159.5	536.2	36.52	543.6	152.5
30-Nov-15	13:30:40	138.4	9.84	3009.2	13.35	50.02	0.997	10.21	85.21	159.5	536.2	36.52	543.6	152.5
30-Nov-15	13:30:45	138.7	9.71	3010.4	13.35	50.02	0.998	10.32	85.92	159.7	536.0	36.52	543.6	152.5
30-Nov-15	13:30:50	138.3	9.85	3011.9	13.35	50.02	0.997	10.32	83.84	159.8	536.0	36.52	543.6	152.5
30-Nov-15	13:30:55	138.9	8.27	3015.3	13.35	50.02	0.998	10.32	86.19	160.0	536.0	36.52	543.6	152.5
30-Nov-15	13:31:00	139.0	8.10	3013.7	13.35	50.02	0.998	10.42	83.97	160.0	536.0	36.62	543.8	152.5
30-Nov-15	13:31:05	138.9	8.49	3011.2	13.35	50.02	0.998	10.42	85.23	160.0	536.2	36.62	543.9	152.5
30-Nov-15	13:31:10	138.8	9.74	3009.0	13.35	50.02	0.998	10.32	84.60	159.9	536.3	36.62	544.0	152.5
30-Nov-15	13:31:15	138.7	10.86	3011.2	13.35	50.02	0.997	10.32	84.95	159.9	536.3	36.62	544.0	152.5
30-Nov-15	13:31:20	138.1	13.41	3011.3	13.35	50.02	0.997	10.32	86.25	159.8	536.3	36.62	544.0	152.5
30-Nov-15	13:31:25	138.6	9.09	3012.2	13.35	50.02	0.998	10.43	84.56	159.8	536.3	36.62	544.0	152.5
30-Nov-15	13:31:30	138.8	7.61	3012.9	13.35	50.02	0.998	10.43	84.39	159.8	536.3	36.62	544.0	152.5
30-Nov-15	13:31:35	138.5	11.32	3013.0	13.42	50.02	0.997	10.43	85.97	159.7	536.2	36.62	544.0	152.5
30-Nov-15	13:31:40	138.7	8.72	3015.1	13.42	50.02	0.998	10.43	83.82	159.7	536.1	36.62	543.9	152.4
30-Nov-15	13:31:45	138.7	8.68	3014.5	13.42	50.02	0.998	10.43	85.80	159.7	535.9	36.62	543.8	152.4
30-Nov-15	13:31:50	139.1	8.41	3012.2	13.36	50.02	0.998	10.32	84.88	159.5	535.8	36.62	543.7	152.4
30-Nov-15	13:31:55	138.4	11.27	3009.0	13.36	50.02	0.997	10.57	84.71	159.5	535.7	36.62	543.6	152.4
30-Nov-15	13:32:00	138.2	11.02	3012.7	13.42	50.02	0.997	10.47	86.27	159.7	535.5	36.62	543.4	152.4
30-Nov-15	13:32:05	138.7	6.54	3015.4	13.35	50.02	0.999	10.47	84.24	159.8	535.5	36.62	543.4	152.4
30-Nov-15	13:32:10	138.9	7.91	3013.8	13.35	50.02	0.998	10.47	85.10	159.9	535.5	36.62	543.4	152.4
30-Nov-15	13:32:15	138.9	9.38	3012.0	13.35	50.02	0.998	10.47	85.18	159.9	535.5	36.62	543.6	152.4
30-Nov-15	13:32:20	138.8	9.77	3010.4	13.35	50.02	0.998	10.30	84.31	159.9	535.6	36.62	543.6	152.4
30-Nov-15	13:32:25	138.5	10.93	3013.3	13.42	50.02	0.997	10.42	86.20	159.8	535.7	36.62	543.7	152.4
30-Nov-15	13:32:30	139.1	6.84	3012.9	13.34	50.02	0.999	10.42	83.91	159.8	535.7	36.62	543.7	152.4
30-Nov-15	13:32:35	138.5	9.95	3012.0	13.34	50.02	0.997	10.42	86.50	159.6	535.7	36.62	543.7	152.4
30-Nov-15	13:32:40	138.6	8.81	3013.7	13.34	50.02	0.998	10.42	84.42	159.6	535.7	36.62	543.7	152.4
30-Nov-15	13:32:45	138.5	8.33	3013.4	13.34	50.02	0.998	10.42	85.15	159.5	535.7	36.62	543.7	152.4
30-Nov-15	13:32:50	138.9	8.89											

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	13:36:20	138.6	11.19	3013.3	13.42	50.03	0.997	10.27	84.71	160.1	536.2	36.72	544.3	152.4
30-Nov-15	13:36:25	139.1	6.65	3017.6	13.38	50.03	0.999	10.37	83.58	160.1	536.1	36.72	544.3	152.4
30-Nov-15	13:36:30	139.7	7.07	3017.0	13.35	50.03	0.999	10.48	86.05	160.3	535.9	36.72	544.2	152.4
30-Nov-15	13:36:35	139.6	10.26	3014.2	13.35	50.03	0.997	10.76	83.67	160.5	535.8	36.72	544.2	152.4
30-Nov-15	13:36:40	139.5	9.70	3015.2	13.38	50.03	0.998	10.55	85.91	160.5	535.8	36.72	544.2	152.5
30-Nov-15	13:36:45	139.6	8.99	3013.8	13.38	50.03	0.998	10.55	83.68	160.5	535.9	36.72	544.3	152.5
30-Nov-15	13:36:50	139.2	10.60	3012.9	13.38	50.03	0.997	10.55	85.93	160.5	535.9	36.72	544.4	152.5
30-Nov-15	13:36:55	139.7	9.61	3014.5	13.38	50.03	0.998	10.55	84.34	160.3	536.0	36.72	544.4	152.5
30-Nov-15	13:37:00	139.6	8.70	3014.5	13.38	50.03	0.998	10.42	85.46	160.2	536.0	36.72	544.4	152.5
30-Nov-15	13:37:05	139.4	8.94	3012.1	13.38	50.03	0.998	10.52	84.63	160.2	536.0	36.72	544.4	152.6
30-Nov-15	13:37:10	139.4	9.68	3013.5	13.38	50.03	0.998	10.52	84.51	160.2	536.0	36.72	544.4	152.6
30-Nov-15	13:37:15	139.0	10.84	3014.4	13.38	50.03	0.997	10.52	85.58	160.1	535.9	36.72	544.3	152.6
30-Nov-15	13:37:20	139.3	7.85	3014.0	13.38	50.03	0.998	10.52	83.77	160.1	535.8	36.72	544.2	152.6
30-Nov-15	13:37:25	139.3	9.98	3012.6	13.38	50.03	0.997	10.52	86.47	160.0	535.7	36.72	544.1	152.6
30-Nov-15	13:37:30	139.2	10.69	3014.1	13.38	50.03	0.997	10.52	84.27	160.0	535.5	36.72	544.0	152.6
30-Nov-15	13:37:35	139.5	8.14	3013.8	13.38	50.03	0.998	10.70	85.23	160.1	535.4	36.72	543.9	152.6
30-Nov-15	13:37:40	139.3	9.39	3013.4	13.38	50.03	0.998	10.58	85.07	160.3	535.3	36.72	543.9	152.6
30-Nov-15	13:37:45	139.3	10.43	3015.8	13.38	50.03	0.997	10.47	84.85	160.3	535.3	36.72	543.9	152.6
30-Nov-15	13:37:50	139.3	8.80	3015.8	13.38	50.03	0.998	10.47	85.50	160.3	535.3	36.72	543.9	152.6
30-Nov-15	13:37:55	139.1	8.50	3011.9	13.38	50.03	0.998	10.47	83.65	160.3	535.4	36.72	543.9	152.6
30-Nov-15	13:38:00	138.7	10.51	3010.7	13.38	50.03	0.997	10.47	86.22	160.1	535.4	36.72	544.0	152.6
30-Nov-15	13:38:05	139.0	8.51	3012.0	13.38	50.03	0.998	10.12	84.41	160.1	535.5	36.72	544.0	152.6
30-Nov-15	13:38:10	138.7	10.30	3014.3	13.38	50.03	0.997	10.37	85.92	160.0	535.5	36.72	544.0	152.6
30-Nov-15	13:38:15	138.9	7.82	3015.2	13.38	50.03	0.998	10.37	85.18	160.0	535.5	36.72	544.0	152.6
30-Nov-15	13:38:20	139.1	9.46	3015.2	13.38	50.03	0.998	10.37	83.85	160.0	535.5	36.72	543.9	152.6
30-Nov-15	13:38:25	139.0	8.73	3012.7	13.38	50.03	0.998	10.37	85.84	160.0	535.4	36.72	543.9	152.6
30-Nov-15	13:38:30	139.1	9.07	3011.4	13.38	50.03	0.998	10.37	84.06	160.0	535.3	36.72	543.8	152.6
30-Nov-15	13:38:35	139.0	10.08	3010.4	13.38	50.03	0.997	10.37	86.07	160.0	535.3	36.72	543.8	152.6
30-Nov-15	13:38:40	138.7	9.53	3012.7	13.38	50.03	0.998	10.37	85.31	160.0	535.2	36.72	543.8	152.6
30-Nov-15	13:38:45	138.8	8.64	3015.6	13.38	50.03	0.998	10.37	83.77	160.0	535.2	36.72	543.8	152.6
30-Nov-15	13:38:50	139.2	6.54	3012.7	13.34	50.03	0.999	10.37	85.98	160.0	535.2	36.72	543.8	152.6
30-Nov-15	13:38:55	139.1	10.13	3008.8	13.34	50.03	0.997	10.37	83.83	159.9	535.2	36.72	543.8	152.6
30-Nov-15	13:39:00	138.7	11.24	3009.6	13.38	50.03	0.997	10.37	86.52	159.8	535.2	36.72	543.8	152.6
30-Nov-15	13:39:05	138.6	8.86	3011.8	13.38	50.03	0.998	10.37	85.43	159.8	535.2	36.72	543.7	152.6
30-Nov-15	13:39:10	138.4	7.77	3011.8	13.38	50.03	0.998	10.37	83.89	159.8	535.2	36.62	543.7	152.6
30-Nov-15	13:39:15	138.2	9.11	3011.8	13.38	50.03	0.998	10.37	86.37	159.6	535.1	36.62	543.5	152.6
30-Nov-15	13:39:20	138.5	8.83	3015.9	13.38	50.03	0.998	10.37	84.35	159.6	535.0	36.62	543.4	152.6
30-Nov-15	13:39:25	139.1	6.55	3016.7	13.38	50.03	0.999	10.66	85.06	159.6	534.9	36.62	543.3	152.6
30-Nov-15	13:39:30	139.2	8.71	3013.0	13.35	50.03	0.998	10.40	84.60	159.8	534.8	36.62	543.3	152.6
30-Nov-15	13:39:35	139.1	9.63	3007.8	13.35	50.03	0.998	10.40	84.41	160.0	534.8	36.62	543.3	152.6
30-Nov-15	13:39:40	138.0	10.63	3008.3	13.38	50.03	0.997	10.40	86.28	160.0	534.8	36.62	543.3	152.6
30-Nov-15	13:39:45	139.0	9.16	3013.0	13.42	50.03	0.998	10.40	84.49	160.0	534.8	36.62	543.3	152.6
30-Nov-15	13:39:50	138.9	8.93	3015.1	13.42	50.03	0.998	10.50	84.20	160.2	535.2	36.62	543.6	152.6
30-Nov-15	13:39:55	139.3	8.38	3018.1	13.42	50.13	0.998	10.50	86.09	160.2	535.4	36.62	543.7	152.6
30-Nov-15	13:40:00	139.6	7.32	3015.0	13.34	50.13	0.999	10.32	84.09	160.1	535.6	36.62	543.8	152.6
30-Nov-15	13:40:05	139.3	9.76	3010.9	13.34	50.03	0.998	10.43	86.08	160.1	535.7	36.62	543.9	152.6
30-Nov-15	13:40:10	139.1	9.91	3010.4	13.38	50.03	0.997	10.43	83.92	160.1	535.7	36.62	543.9	152.6
30-Nov-15	13:40:15	139.1	9.91	3009.5	13.38	50.03	0.997	10.43	86.15	160.1	535.8	36.62	543.9	152.6
30-Nov-15	13:40:20	139.3	8.54	3009.5	13.38	50.03	0.998	10.43	84.00	160.1	535.8	36.62	544.0	152.6
30-Nov-15	13:40:25	139.4	9.05	3008.0	13.38	50.03	0.998	10.43	86.07	160.2	535.8	36.62	544.0	152.6
30-Nov-15	13:40:30	139.2	10.38	3008.0	13.38	50.03	0.997	10.72	84.11	160.4	535.8	36.72	544.0	152.6
30-Nov-15	13:40:35	139.4	9.04	3011.9	13.38	50.03	0.998	10.60	86.49	160.5	535.9	36.72	544.1	152.6
30-Nov-15	13:40:40	139.8	7.48	3013.2	13.38	50.03	0.999	10.50	83.94	160.6	536.0	36.72	544.2	152.6
30-Nov-15	13:40:45	139.6	9.30	3010.4	13.38	50.03	0.998	10.50	85.93	160.6	536.2	36.72	544.5	152.6
30-Nov-15	13:40:50	139.9	9.38	3009.6	13.38	50.03	0.998	10.39	83.94	160.6	536.3	36.72	544.6	152.6
30-Nov-15	13:40:55	139.8	9.16	3006.4	13.38	49.93	0.998	10.24	85.97	160.6	536.4	36.72	544.7	152.6
30-Nov-15	13:41:00	139.6	11.10	3005.0	13.38	49.93	0.997	10.34	84.50	160.6	536.5	36.72	544.8	152.6
30-Nov-15	13:41:05	139.2	8.73	3007.7	13.38	49.93	0.998	10.34	84.73	160.6	536.6	36.72	544.8	152.6
30-Nov-15	13:41:10	139.0	8.44	3011.5	13.38	50.03	0.998	10.34	86.63	160.6	536.6	36.72	544.8	152.6
30-Nov-15	13:41:15	139.9	7.32	3014.0	13.38	50.03	0.999	10.34	84.24	160.6	536.6	36.72	544.8	152.6
30-Nov-15	13:41:20	140.0	9.44	3010.9	13.34	50.03	0.998	10.34	85.55	160.6	536.6	36.72	544.8	152.6
30-Nov-15	13:41:25	140.2	9.93	3007.7	13.34	50.03	0.998	10.34	85.02	160.8	536.6	36.72	544.8	152.6
30-Nov-15	13:41:30	140.1	10.48	3001.8	13.34	49.92	0.997	10.34	84.47	160.9	536.5	36.82	544.9	152.6
30-Nov-15	13:41:35	139.6	11.89	3001.6	13.37	49.92	0.996	10.34	85.98	160.9	536.5	36.82	545.0	152.6
30-Nov-15	13:41:40	139.7	9.45	3003.2	13.37	49.92	0.998	10.34	84.02	160.8	536.6	36.82	545.0	152.6
30-Nov-15	13:41:45	139.5	9.86	3004.0	13.37	49.92	0.998	10.34	86.37	160.8	536.6	36.82	545.1	152.6
30-Nov-15	13:41:50	139.5	9.21	3008.0	13.37	49.92	0.998	10.34	85.50	160.8	536.6	36.82	545.1	152.6
30-Nov-15	13:41:55	139.8	7.49	3006.4	13.37	49.92	0.999	10.34	84.30	160.7	536.6	36.82	545.1	152.6
30-Nov-15	13:42:00	139.3	10.53	3004.8	13.37	49.92	0.997	10.34	86.23	160.7	536.6	36.82	545.1	152.6
30-Nov-15	13:42:05	139.4	9.19	3007.2	13.37	49.92	0.998	10.34	84.11	160.6	536.4	36.82	545.0	152.6
30-Nov-15	13:42:10	139.5	8.65	3005.7	13.37	49.92	0.998	10.34	85.94	160.4	536.3	36.82	544.9	152.6
30-Nov-15	13:42:15	139.5	9.29	3004.8	13.37	49.92	0.998	10.34	84.94	160.4	536.2	36.82	544.8	152.6
30-Nov-15	13:42:20	139.3	10.84	3004.9	13.37	49.92	0.997	10.64	86.22	160.5	536.0	36.82	544.7	152.6
30-Nov-15	13:42:25	139.6	8.42	3004.0	13.37	49.92	0.998	10.38	84.76	160.6	535.9	36.82	544.7	152.6
30-Nov-15	13:42:30	139.4	10.24	3002.8	13.37	49.92	0.997	10.38	85.38	160.6	535.9	36.82	544.7	152.6
30-Nov-15	13:42:35	139.8	9.66	3004.3	13.37	49.92	0.998	10.48	85.97	160.5	535.9	36.82	544.7	152.6

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	13:46:10	138.2	6.40	3019.1	13.37	50.13	0.999	10.32	85.05	159.6	535.4	36.51	543.3	152.4
30-Nov-15	13:46:15	138.6	7.03	3018.4	13.37	50.13	0.999	10.43	84.16	159.6	535.5	36.51	543.3	152.4
30-Nov-15	13:46:20	138.3	8.14	3015.1	13.37	50.13	0.998	10.43	86.03	159.5	535.5	36.51	543.3	152.4
30-Nov-15	13:46:25	138.3	7.69	3014.4	13.37	50.13	0.998	10.43	84.34	159.4	535.5	36.51	543.3	152.4
30-Nov-15	13:46:30	138.1	9.05	3013.4	13.37	50.13	0.998	10.55	85.78	159.4	535.5	36.51	543.3	152.4
30-Nov-15	13:46:35	138.1	8.34	3015.8	13.37	50.13	0.998	10.44	85.54	159.4	535.5	36.51	543.3	152.4
30-Nov-15	13:46:40	138.3	6.65	3015.9	13.37	50.13	0.999	10.44	83.84	159.5	535.5	36.51	543.3	152.4
30-Nov-15	13:46:45	138.4	8.30	3018.3	13.37	50.13	0.998	10.44	86.69	159.5	535.5	36.51	543.3	152.4
30-Nov-15	13:46:50	138.8	6.98	3015.9	13.37	50.13	0.999	10.09	84.00	159.5	535.5	36.51	543.3	152.4
30-Nov-15	13:46:55	138.2	10.23	3013.5	13.37	50.13	0.997	10.22	85.66	159.4	535.5	36.51	543.3	152.4
30-Nov-15	13:47:00	138.2	9.51	3015.8	13.37	50.13	0.998	10.34	84.28	159.3	535.5	36.51	543.3	152.4
30-Nov-15	13:47:05	138.2	6.54	3015.9	13.37	50.13	0.999	10.34	85.88	159.3	535.5	36.51	543.3	152.4
30-Nov-15	13:47:10	138.2	7.40	3015.7	13.37	50.13	0.999	10.34	84.65	159.2	535.5	36.51	543.3	152.4
30-Nov-15	13:47:15	138.4	7.99	3013.4	13.37	50.13	0.998	10.55	84.92	159.2	535.4	36.51	543.2	152.4
30-Nov-15	13:47:20	138.0	9.21	3012.6	13.37	50.13	0.998	10.40	85.77	159.2	535.3	36.51	543.2	152.4
30-Nov-15	13:47:25	137.9	8.57	3015.1	13.37	50.13	0.998	10.40	83.95	159.1	535.2	36.51	543.1	152.4
30-Nov-15	13:47:30	138.2	7.75	3017.4	13.37	50.13	0.998	10.40	86.59	159.2	535.1	36.51	543.0	152.4
30-Nov-15	13:47:35	138.1	7.74	3017.5	13.37	50.13	0.998	10.40	84.65	159.3	535.0	36.51	543.0	152.4
30-Nov-15	13:47:40	138.4	7.41	3016.8	13.37	50.13	0.999	10.40	84.64	159.4	535.0	36.51	543.0	152.4
30-Nov-15	13:47:45	138.5	7.89	3016.9	13.37	50.13	0.998	10.40	85.82	159.4	535.1	36.51	543.0	152.4
30-Nov-15	13:47:50	138.3	7.96	3016.6	13.37	50.13	0.998	10.40	83.91	159.4	535.2	36.51	543.1	152.4
30-Nov-15	13:47:55	138.3	8.07	3017.7	13.37	50.13	0.998	10.40	85.97	159.4	535.4	36.51	543.3	152.4
30-Nov-15	13:48:00	138.7	6.56	3019.2	13.37	50.13	0.999	10.40	83.85	159.4	535.5	36.51	543.3	152.4
30-Nov-15	13:48:05	138.2	7.89	3018.2	13.37	50.13	0.998	10.40	86.67	159.4	535.6	36.51	543.3	152.4
30-Nov-15	13:48:10	138.3	7.36	3019.5	13.37	50.13	0.999	10.40	84.60	159.4	535.6	36.51	543.3	152.4
30-Nov-15	13:48:15	138.7	5.81	3018.4	13.37	50.13	0.999	10.40	85.14	159.3	535.7	36.51	543.3	152.4
30-Nov-15	13:48:20	138.7	7.33	3015.2	13.37	50.13	0.999	10.50	85.15	159.3	535.7	36.51	543.4	152.4
30-Nov-15	13:48:25	138.6	8.31	3014.0	13.37	50.13	0.998	10.50	83.80	159.4	535.7	36.51	543.4	152.5
30-Nov-15	13:48:30	138.3	9.37	3015.9	13.37	50.13	0.998	10.50	86.23	159.5	535.8	36.51	543.4	152.5
30-Nov-15	13:48:35	138.4	6.06	3017.5	13.37	50.13	0.999	10.50	84.04	159.6	535.9	36.51	543.5	152.5
30-Nov-15	13:48:40	138.6	6.31	3017.5	13.37	50.13	0.999	10.50	85.09	159.6	536.0	36.51	543.7	152.5
30-Nov-15	13:48:45	138.4	7.99	3018.8	13.37	50.13	0.998	10.60	84.19	159.6	536.1	36.51	543.7	152.5
30-Nov-15	13:48:50	138.4	5.97	3019.9	13.37	50.13	0.999	10.60	85.83	159.5	536.2	36.51	543.8	152.5
30-Nov-15	13:48:55	138.8	5.05	3019.9	13.37	50.13	0.999	10.60	83.62	159.5	536.2	36.51	543.8	152.5
30-Nov-15	13:49:00	138.6	7.45	3015.9	13.37	50.13	0.999	10.60	86.19	159.5	536.2	36.51	543.8	152.5
30-Nov-15	13:49:05	138.7	7.25	3016.7	13.37	50.13	0.999	10.60	84.69	159.4	536.2	36.51	543.8	152.5
30-Nov-15	13:49:10	138.1	7.45	3015.1	13.37	50.13	0.999	10.60	84.18	159.4	536.2	36.51	543.8	152.5
30-Nov-15	13:49:15	138.4	7.54	3017.8	13.37	50.13	0.999	10.60	86.40	159.3	536.2	36.51	543.8	152.5
30-Nov-15	13:49:20	138.7	5.84	3017.9	13.37	50.13	0.999	10.60	83.88	159.4	536.0	36.51	543.8	152.5
30-Nov-15	13:49:25	138.7	6.68	3015.9	13.37	50.13	0.999	10.86	85.88	159.6	535.9	36.51	543.7	152.5
30-Nov-15	13:49:30	138.8	7.21	3015.1	13.37	50.13	0.999	10.86	85.76	159.6	535.8	36.51	543.7	152.5
30-Nov-15	13:49:35	138.6	8.04	3018.4	13.37	50.13	0.998	10.38	85.83	159.7	535.8	36.51	543.8	152.5
30-Nov-15	13:49:40	138.7	7.01	3015.1	13.37	50.13	0.999	10.25	85.91	159.7	535.9	36.51	543.9	152.6
30-Nov-15	13:49:45	138.4	5.59	3015.1	13.37	50.13	0.999	10.47	84.00	159.7	536.0	36.51	543.9	152.6
30-Nov-15	13:49:50	138.7	6.47	3016.7	13.37	50.13	0.999	10.47	85.80	159.6	536.1	36.51	544.0	152.6
30-Nov-15	13:49:55	139.1	5.53	3015.2	13.37	50.13	0.999	10.47	85.68	159.6	536.1	36.51	544.0	152.6
30-Nov-15	13:50:00	138.7	7.43	3012.0	13.37	50.03	0.999	10.47	83.90	159.6	536.2	36.51	544.0	152.6
30-Nov-15	13:50:05	138.4	8.00	3013.4	13.37	50.03	0.998	10.57	86.41	159.6	536.2	36.51	544.0	152.6
30-Nov-15	13:50:10	138.6	6.66	3016.7	13.37	50.03	0.999	10.57	84.50	159.6	536.2	36.51	544.0	152.6
30-Nov-15	13:50:15	138.8	5.48	3015.4	13.37	50.03	0.999	10.57	85.52	159.6	536.0	36.51	544.0	152.6
30-Nov-15	13:50:20	138.7	6.85	3012.8	13.37	50.03	0.999	10.78	85.08	159.7	536.0	36.51	544.0	152.6
30-Nov-15	13:50:25	138.9	7.34	3014.0	13.37	50.03	0.999	10.63	85.76	159.8	535.9	36.51	544.0	152.6
30-Nov-15	13:50:30	139.2	7.29	3015.9	13.37	50.03	0.999	10.52	85.15	159.8	535.9	36.62	544.0	152.6
30-Nov-15	13:50:35	139.1	7.36	3015.8	13.37	50.03	0.999	10.22	85.67	159.8	536.0	36.62	544.2	152.6
30-Nov-15	13:50:40	139.0	7.37	3015.1	13.37	50.03	0.999	10.38	85.07	159.8	536.1	36.62	544.3	152.6
30-Nov-15	13:50:45	139.0	7.11	3017.3	13.37	50.03	0.999	10.49	83.78	159.8	536.2	36.62	544.3	152.6
30-Nov-15	13:50:50	139.1	6.72	3019.0	13.37	50.14	0.999	10.49	86.50	159.8	536.3	36.62	544.5	152.6
30-Nov-15	13:50:55	138.9	6.46	3019.4	13.37	50.14	0.999	10.49	84.47	159.8	536.3	36.62	544.5	152.6
30-Nov-15	13:51:00	138.6	6.36	3019.1	13.37	50.14	0.999	10.49	84.67	159.7	536.3	36.62	544.5	152.6
30-Nov-15	13:51:05	139.1	5.23	3019.9	13.37	50.14	0.999	10.49	85.22	159.7	536.3	36.62	544.5	152.6
30-Nov-15	13:51:10	139.0	7.13	3016.9	13.37	50.14	0.999	10.49	83.84	159.6	536.2	36.62	544.5	152.6
30-Nov-15	13:51:15	138.9	7.30	3012.8	13.37	50.14	0.999	10.49	85.77	159.6	536.1	36.62	544.5	152.6
30-Nov-15	13:51:20	138.7	9.44	3014.2	13.41	50.14	0.998	10.49	84.12	159.6	536.0	36.62	544.2	152.6
30-Nov-15	13:51:25	138.5	7.04	3015.7	13.41	50.14	0.999	10.75	85.51	159.7	535.9	36.62	544.2	152.6
30-Nov-15	13:51:30	138.9	6.59	3019.1	13.41	50.14	0.999	10.64	85.74	159.9	535.8	36.62	544.2	152.6
30-Nov-15	13:51:35	138.9	6.49	3020.8	13.41	50.14	0.999	10.64	84.34	159.9	535.8	36.62	544.2	152.6
30-Nov-15	13:51:40	139.3	5.35	3020.7	13.41	50.14	0.999	10.34	84.66	159.9	535.8	36.62	544.3	152.6
30-Nov-15	13:51:45	139.4	6.90	3017.6	13.37	50.14	0.999	10.57	84.57	159.9	535.9	36.62	544.3	152.6
30-Nov-15	13:51:50	139.0	7.75	3014.4	13.37	50.14	0.998	10.57	85.00	159.9	535.9	36.62	544.4	152.6
30-Nov-15	13:51:55	138.7	7.94	3015.7	13.37	50.14	0.998	10.57	85.36	159.7	536.0	36.62	544.4	152.6
30-Nov-15	13:52:00	139.0	5.65	3017.5	13.37	50.14	0.999	10.57	83.75	159.7	536.0	36.62	544.4	152.6
30-Nov-15	13:52:05	138.7	7.07	3015.9	13.37	50.14	0.999	10.57	86.12	159.6	536.0	36.62	544.4	152.6
30-Nov-15	13:52:10	138.6	6.88	3019.8	13.37	50.14	0.999	10.57	85.93	159.6	536.0	36.62	544.4	152.6
30-Nov-15	13:52:15	139.1	4.98	3019.1	13.37	50.14	0.999	10.78	83.94	159.6	535.9	36.62	544.3	152.6
30-Nov-15	13:52:20	139.1	7.14	3017.2	13.37	50.14	0.999	10.52	86.01	159.9	535.8	36.62	544.2	152.6
30-Nov-15	13:52:25	139.1	7.32	3015.1	13.37	50.14	0.999	10.52	83.99	159.9	535.7	36.62	544.2	152.6
30-Nov-15	13													

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	13:56:00	139.8	5.53	3025.6	13.37	50.24	0.999	10.64	83.82	160.5	536.2	36.83	545.1	152.6
30-Nov-15	13:56:05	139.4	8.29	3023.9	13.37	50.24	0.998	10.64	85.79	160.4	536.0	36.83	545.0	152.6
30-Nov-15	13:56:10	139.3	8.47	3023.9	13.37	50.24	0.998	10.31	83.76	160.3	535.9	36.83	544.9	152.6
30-Nov-15	13:56:15	139.1	6.80	3026.3	13.37	50.24	0.999	10.57	85.78	160.3	535.8	36.83	544.8	152.6
30-Nov-15	13:56:20	139.4	5.88	3027.8	13.37	50.24	0.999	10.57	83.79	160.4	535.6	36.83	544.8	152.6
30-Nov-15	13:56:25	139.5	6.70	3027.1	13.37	50.24	0.999	10.57	85.87	160.5	535.5	36.83	544.7	152.6
30-Nov-15	13:56:30	139.5	6.66	3024.7	13.37	50.24	0.999	10.57	83.86	160.6	535.5	36.83	544.7	152.6
30-Nov-15	13:56:35	139.3	8.39	3026.8	13.41	50.24	0.998	10.47	85.84	160.6	535.6	36.83	544.8	152.6
30-Nov-15	13:56:40	140.1	3.87	3027.9	13.34	50.24	1.000	10.47	84.28	160.6	535.7	36.83	544.8	152.6
30-Nov-15	13:56:45	139.6	7.98	3021.5	13.34	50.24	0.998	10.47	84.92	160.6	535.8	36.83	544.9	152.6
30-Nov-15	13:56:50	139.1	9.09	3024.2	13.42	50.24	0.998	10.59	85.37	160.5	535.9	36.83	544.9	152.6
30-Nov-15	13:56:55	139.5	5.63	3025.5	13.39	50.24	0.999	10.59	83.43	160.5	535.9	36.83	544.9	152.6
30-Nov-15	13:57:00	139.2	8.22	3026.3	13.39	50.24	0.998	10.59	85.98	160.5	535.9	36.83	544.9	152.6
30-Nov-15	13:57:05	139.3	6.64	3027.1	13.39	50.24	0.999	10.59	83.75	160.4	535.9	36.83	544.9	152.6
30-Nov-15	13:57:10	139.6	6.23	3025.6	13.39	50.24	0.999	10.59	85.97	160.4	535.9	36.83	544.9	152.6
30-Nov-15	13:57:15	139.5	8.30	3023.9	13.39	50.24	0.998	10.59	83.97	160.5	535.8	36.83	544.8	152.7
30-Nov-15	13:57:20	139.4	8.12	3023.1	13.39	50.24	0.998	10.59	85.63	160.7	535.8	36.83	544.8	152.7
30-Nov-15	13:57:25	139.3	7.52	3025.4	13.39	50.24	0.999	10.59	84.58	160.5	535.8	36.83	544.8	152.7
30-Nov-15	13:57:30	139.1	7.24	3026.3	13.39	50.24	0.999	10.59	84.48	160.5	535.8	36.83	544.8	152.7
30-Nov-15	13:57:35	140.0	3.66	3026.9	13.31	50.24	1.000	10.59	84.66	160.5	535.8	36.83	544.8	152.7
30-Nov-15	13:57:40	139.2	8.40	3020.1	13.35	50.24	0.998	10.46	84.61	160.4	535.8	36.83	544.8	152.7
30-Nov-15	13:57:45	139.3	9.29	3021.5	13.39	50.24	0.998	10.46	85.78	160.4	535.8	36.83	544.8	152.7
30-Nov-15	13:57:50	139.3	7.29	3023.1	13.39	50.24	0.999	10.46	83.72	160.3	535.8	36.83	544.8	152.7
30-Nov-15	13:57:55	139.3	7.65	3024.2	13.39	50.24	0.998	10.57	85.70	160.3	535.7	36.83	544.7	152.7
30-Nov-15	13:58:00	139.2	6.40	3026.3	13.39	50.24	0.999	10.57	83.81	160.2	535.5	36.83	544.6	152.7
30-Nov-15	13:58:05	139.5	7.29	3026.2	13.39	50.24	0.999	10.57	85.85	160.2	535.4	36.72	544.5	152.7
30-Nov-15	13:58:10	139.0	8.56	3025.2	13.39	50.24	0.998	10.57	84.77	160.2	535.3	36.72	544.4	152.7
30-Nov-15	13:58:15	139.1	6.89	3025.4	13.39	50.24	0.999	10.57	84.15	160.2	535.2	36.72	544.2	152.7
30-Nov-15	13:58:20	139.4	7.43	3025.1	13.39	50.24	0.999	10.57	85.07	160.4	535.1	36.72	544.1	152.7
30-Nov-15	13:58:25	139.4	6.88	3022.0	13.36	50.24	0.999	10.57	83.91	160.4	535.0	36.72	544.1	152.7
30-Nov-15	13:58:30	139.3	9.37	3023.2	13.36	50.24	0.998	10.57	85.57	160.4	535.0	36.72	544.1	152.7
30-Nov-15	13:58:35	139.4	6.71	3023.9	13.36	50.24	0.999	10.57	83.68	160.4	535.2	36.72	544.1	152.7
30-Nov-15	13:58:40	139.5	7.69	3021.7	13.36	50.24	0.998	10.46	86.09	160.3	535.2	36.72	544.1	152.7
30-Nov-15	13:58:45	139.0	9.33	3023.7	13.36	50.24	0.998	10.46	84.68	160.3	535.3	36.72	544.1	152.7
30-Nov-15	13:58:50	139.4	6.32	3026.3	13.36	50.24	0.999	10.46	84.32	160.3	535.3	36.72	544.1	152.7
30-Nov-15	13:58:55	139.3	7.56	3023.1	13.36	50.24	0.999	10.46	84.62	160.2	535.3	36.72	544.1	152.7
30-Nov-15	13:59:00	139.3	9.49	3024.4	13.36	50.24	0.998	10.46	84.05	160.2	535.3	36.72	544.1	152.7
30-Nov-15	13:59:05	139.5	6.80	3023.4	13.36	50.24	0.999	10.46	85.25	160.1	535.2	36.72	544.0	152.7
30-Nov-15	13:59:10	139.2	7.90	3020.7	13.36	50.24	0.998	10.46	84.42	160.1	535.1	36.72	543.9	152.7
30-Nov-15	13:59:15	139.2	8.55	3020.7	13.36	50.24	0.998	10.46	84.81	160.2	535.0	36.72	543.9	152.7
30-Nov-15	13:59:20	139.4	8.76	3021.5	13.36	50.24	0.998	10.46	84.63	160.3	535.0	36.72	543.8	152.7
30-Nov-15	13:59:25	139.4	8.88	3022.3	13.36	50.24	0.998	10.46	84.81	160.3	534.9	36.72	543.8	152.7
30-Nov-15	13:59:30	139.1	8.77	3026.7	13.36	50.24	0.998	10.46	84.50	160.2	534.9	36.72	543.9	152.7
30-Nov-15	13:59:35	139.3	8.06	3021.7	13.36	50.24	0.998	10.57	86.05	160.1	535.0	36.72	543.9	152.7
30-Nov-15	13:59:40	139.1	8.53	3019.9	13.36	50.24	0.998	10.57	83.96	160.1	535.0	36.72	543.9	152.7
30-Nov-15	13:59:45	139.1	8.30	3020.7	13.36	50.24	0.998	10.57	86.04	160.1	535.2	36.72	543.9	152.7
30-Nov-15	13:59:50	139.2	7.49	3020.7	13.36	50.24	0.999	10.57	83.83	160.9	535.2	36.72	543.9	152.7
30-Nov-15	13:59:55	138.7	9.63	3022.7	13.36	50.24	0.998	10.57	86.30	159.9	535.2	36.72	543.8	152.7
30-Nov-15	14:00:00	139.1	5.78	3023.1	13.36	50.24	0.999	10.57	83.97	159.9	535.1	36.72	543.8	152.7
30-Nov-15	14:00:05	139.1	7.48	3020.7	13.36	50.24	0.999	10.57	86.08	159.9	535.0	36.72	543.7	152.7
30-Nov-15	14:00:10	138.8	8.92	3021.6	13.36	50.24	0.998	10.57	84.42	159.8	534.9	36.72	543.7	152.7
30-Nov-15	14:00:15	139.0	6.89	3021.5	13.36	50.24	0.999	10.42	84.25	159.7	534.9	36.62	543.6	152.7
30-Nov-15	14:00:20	138.8	7.48	3019.1	13.36	50.24	0.999	10.42	85.45	159.6	534.8	36.62	543.5	152.7
30-Nov-15	14:00:25	138.7	8.01	3018.3	13.36	50.14	0.998	10.53	84.67	159.6	534.7	36.62	543.5	152.7
30-Nov-15	14:00:30	138.8	8.63	3018.1	13.36	50.14	0.998	10.53	85.85	159.6	534.6	36.62	543.4	152.7
30-Nov-15	14:00:35	138.6	8.34	3019.1	13.36	50.14	0.998	10.78	83.89	159.7	534.5	36.62	543.4	152.7
30-Nov-15	14:00:40	138.9	7.43	3021.1	13.36	50.14	0.999	10.53	85.97	159.9	534.5	36.62	543.4	152.7
30-Nov-15	14:00:45	138.7	6.64	3023.1	13.36	50.14	0.999	10.53	85.45	159.9	534.6	36.62	543.4	152.7
30-Nov-15	14:00:50	139.0	7.17	3022.6	13.36	50.14	0.999	10.53	84.24	159.9	534.8	36.62	543.5	152.7
30-Nov-15	14:00:55	139.0	5.71	3022.2	13.36	50.14	0.999	10.53	84.82	159.9	534.9	36.62	543.6	152.7
30-Nov-15	14:01:00	139.0	7.99	3017.5	13.36	50.14	0.998	10.53	84.61	159.8	535.1	36.62	543.6	152.7
30-Nov-15	14:01:05	138.8	8.99	3015.2	13.36	50.14	0.998	10.53	85.51	159.6	535.2	36.62	543.6	152.7
30-Nov-15	14:01:10	138.6	8.81	3016.7	13.39	50.14	0.998	10.53	83.84	159.6	535.3	36.62	543.7	152.7
30-Nov-15	14:01:15	138.2	7.38	3018.3	13.39	50.14	0.999	10.53	86.10	159.5	535.3	36.62	543.7	152.7
30-Nov-15	14:01:20	138.6	6.39	3020.7	13.39	50.14	0.999	10.53	83.60	159.5	535.3	36.62	543.7	152.7
30-Nov-15	14:01:25	138.6	7.74	3020.7	13.39	50.14	0.998	10.53	86.27	159.5	535.3	36.62	543.7	152.7
30-Nov-15	14:01:30	138.6	6.72	3020.0	13.39	50.14	0.999	10.53	84.54	159.6	535.3	36.62	543.6	152.7
30-Nov-15	14:01:35	138.7	7.60	3019.2	13.39	50.14	0.999	10.53	84.53	159.8	535.3	36.62	543.6	152.7
30-Nov-15	14:01:40	138.8	6.86	3019.1	13.39	50.14	0.999	10.53	86.41	159.8	535.3	36.62	543.7	152.7
30-Nov-15	14:01:45	138.5	8.80	3017.5	13.39	50.14	0.998	10.53	84.23	159.8	535.4	36.62	543.7	152.7
30-Nov-15	14:01:50	138.7	7.21	3017.5	13.39	50.14	0.999	10.53	85.60	159.8	535.5	36.62	543.8	152.7
30-Nov-15	14:01:55	138.5	8.34	3017.5	13.39	50.14	0.998	10.53	84.69	159.7	535.7	36.62	543.8	152.7
30-Nov-15	14:02:00	138.3	7.83	3017.5	13.39	50.14	0.998	10.53	84.31	159.7	535.7	36.62	543.8	152.7
30-Nov-15	14:02:05	138.6	7.39	3020.7	13.39	50.14	0.999	10.53	86.21	159.7	535.7	36.62	543.8	152.7
30-Nov-15	14:02:10	138.6	6.71	3018.6	13.36	50.14	0.999	10.40	83.89	159.6	535.7	36.62	543.8	152.7
30-Nov-15	14:02:15	138.5	8.40	3018.4	13.36	50.14	0.999	10.40	86.04	159.6	535.7	36.62	543.8	152.7
30-Nov-15	14:02:20	138.3</												

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	14:05:50	139.3	8.91	3003.8	13.36	49.93	0.998	10.35	86.62	160.4	536.7	36.72	545.3	152.6
30-Nov-15	14:05:55	139.2	8.66	3006.2	13.36	49.93	0.998	10.48	84.74	160.5	536.6	36.72	545.1	152.6
30-Nov-15	14:06:00	139.2	7.71	3008.8	13.36	49.93	0.998	10.48	85.57	160.6	536.5	36.72	545.1	152.7
30-Nov-15	14:06:05	139.5	6.59	3011.0	13.36	49.93	0.999	10.48	84.57	160.6	536.5	36.72	545.1	152.7
30-Nov-15	14:06:10	139.4	7.47	3009.4	13.36	49.93	0.999	10.48	84.73	160.6	536.5	36.72	545.1	152.7
30-Nov-15	14:06:15	139.3	8.46	3010.2	13.36	49.93	0.998	10.34	85.25	160.6	536.5	36.72	545.3	152.7
30-Nov-15	14:06:20	139.4	6.95	3011.9	13.36	49.93	0.999	10.54	83.66	160.6	536.5	36.72	545.3	152.7
30-Nov-15	14:06:25	139.6	6.86	3010.2	13.36	49.93	0.999	10.54	85.74	160.5	536.5	36.72	545.3	152.7
30-Nov-15	14:06:30	139.6	8.38	3007.9	13.36	49.93	0.998	10.39	84.98	160.5	536.5	36.72	545.3	152.7
30-Nov-15	14:06:35	139.5	8.13	3007.5	13.36	49.93	0.998	10.39	85.99	160.4	536.5	36.72	545.3	152.7
30-Nov-15	14:06:40	139.2	8.62	3008.2	13.36	49.93	0.998	10.39	84.02	160.3	536.4	36.72	545.1	152.7
30-Nov-15	14:06:45	139.2	7.89	3008.8	13.36	49.93	0.998	10.39	86.00	160.3	536.3	36.72	545.0	152.7
30-Nov-15	14:06:50	139.2	8.10	3009.4	13.36	49.93	0.998	10.71	84.58	160.3	536.1	36.72	544.9	152.7
30-Nov-15	14:06:55	139.6	7.42	3009.5	13.36	49.93	0.999	10.52	85.29	160.4	536.0	36.72	544.9	152.7
30-Nov-15	14:07:00	139.7	7.78	3007.3	13.36	49.93	0.998	10.39	84.50	160.5	535.9	36.72	544.8	152.7
30-Nov-15	14:07:05	139.2	9.58	3007.5	13.36	49.93	0.998	10.39	84.91	160.6	535.9	36.72	544.8	152.7
30-Nov-15	14:07:10	139.4	6.63	3011.9	13.43	49.93	0.999	10.05	85.89	160.6	536.0	36.72	544.9	152.7
30-Nov-15	14:07:15	139.4	7.53	3014.3	13.43	50.04	0.999	10.18	83.72	160.5	536.1	36.72	544.9	152.7
30-Nov-15	14:07:20	139.3	7.14	3011.8	13.35	50.04	0.999	10.31	85.42	160.4	536.2	36.72	545.0	152.7
30-Nov-15	14:07:25	139.2	8.71	3014.6	13.35	50.04	0.998	10.31	85.95	160.4	536.2	36.72	545.0	152.7
30-Nov-15	14:07:30	139.3	6.44	3015.9	13.35	50.04	0.999	10.31	83.83	160.3	536.2	36.72	545.0	152.7
30-Nov-15	14:07:35	139.4	6.62	3015.1	13.35	50.04	0.999	10.31	85.69	160.3	536.2	36.72	545.0	152.7
30-Nov-15	14:07:40	139.2	7.27	3014.3	13.35	50.04	0.999	10.31	83.79	160.2	536.2	36.72	544.9	152.7
30-Nov-15	14:07:45	139.2	7.52	3012.6	13.35	50.04	0.999	10.31	86.04	160.2	536.0	36.72	544.8	152.7
30-Nov-15	14:07:50	138.6	8.31	3012.6	13.35	50.04	0.998	10.31	84.18	160.3	535.9	36.72	544.7	152.7
30-Nov-15	14:07:55	139.2	7.51	3015.0	13.35	50.04	0.999	10.31	85.21	160.3	535.8	36.72	544.7	152.7
30-Nov-15	14:08:00	139.0	7.76	3017.4	13.35	50.04	0.998	10.31	85.06	160.3	535.8	36.72	544.7	152.7
30-Nov-15	14:08:05	139.4	5.78	3018.1	13.35	50.14	0.999	10.31	83.96	160.3	535.8	36.72	544.7	152.7
30-Nov-15	14:08:10	139.5	6.43	3017.3	13.35	50.14	0.999	10.31	86.00	160.3	535.8	36.72	544.7	152.7
30-Nov-15	14:08:15	139.3	7.48	3017.8	13.35	50.14	0.999	10.31	83.78	160.3	535.9	36.72	544.7	152.7
30-Nov-15	14:08:20	139.4	5.91	3017.5	13.35	50.14	0.999	10.31	85.96	160.2	535.9	36.72	544.7	152.7
30-Nov-15	14:08:25	139.4	6.54	3016.9	13.35	50.14	0.999	10.31	83.90	160.2	535.9	36.72	544.7	152.7
30-Nov-15	14:08:30	139.7	5.91	3016.1	13.35	50.14	0.999	10.31	86.26	160.2	535.9	36.72	544.7	152.7
30-Nov-15	14:08:35	139.1	7.77	3012.6	13.35	50.04	0.998	10.31	83.98	160.0	535.8	36.72	544.7	152.7
30-Nov-15	14:08:40	138.7	8.37	3016.2	13.43	50.04	0.998	10.43	86.24	160.0	535.8	36.72	544.6	152.7
30-Nov-15	14:08:45	139.4	5.53	3019.9	13.43	50.14	0.999	10.43	84.31	160.0	535.6	36.72	544.5	152.7
30-Nov-15	14:08:50	139.3	5.73	3018.2	13.35	50.14	0.999	10.43	84.73	160.0	535.6	36.72	544.5	152.7
30-Nov-15	14:08:55	139.2	6.91	3017.5	13.35	50.14	0.999	10.43	85.29	160.2	535.5	36.72	544.4	152.7
30-Nov-15	14:09:00	139.6	6.76	3016.7	13.35	50.14	0.999	10.43	84.22	160.3	535.5	36.72	544.4	152.7
30-Nov-15	14:09:05	139.1	7.36	3016.7	13.35	50.14	0.999	10.43	85.00	160.3	535.5	36.72	544.5	152.7
30-Nov-15	14:09:10	139.4	6.67	3018.3	13.35	50.14	0.999	10.43	84.35	160.3	535.7	36.72	544.6	152.7
30-Nov-15	14:09:15	139.3	6.43	3018.3	13.35	50.14	0.999	10.43	85.95	160.3	535.8	36.72	544.6	152.7
30-Nov-15	14:09:20	139.2	6.73	3019.1	13.35	50.14	0.999	10.30	83.83	160.2	535.8	36.72	544.7	152.7
30-Nov-15	14:09:25	139.2	7.02	3019.4	13.35	50.14	0.999	10.30	85.97	160.0	535.9	36.72	544.7	152.7
30-Nov-15	14:09:30	139.2	7.34	3019.9	13.35	50.14	0.999	10.30	83.81	160.0	535.9	36.72	544.7	152.7
30-Nov-15	14:09:35	139.5	5.34	3018.3	13.35	50.14	0.999	10.30	85.72	159.9	535.9	36.72	544.7	152.7
30-Nov-15	14:09:40	139.4	7.14	3015.9	13.35	50.14	0.999	10.30	83.73	159.9	535.8	36.72	544.6	152.7
30-Nov-15	14:09:45	139.1	8.15	3014.4	13.35	50.14	0.998	10.30	86.10	159.9	535.7	36.72	544.5	152.7
30-Nov-15	14:09:50	139.1	7.71	3015.9	13.35	50.14	0.998	10.30	83.54	159.9	535.5	36.72	544.4	152.7
30-Nov-15	14:09:55	139.1	7.20	3016.8	13.35	50.14	0.999	10.30	85.93	160.0	535.4	36.72	544.4	152.7
30-Nov-15	14:10:00	139.1	7.14	3019.0	13.35	50.14	0.999	10.30	84.29	160.2	535.4	36.72	544.4	152.7
30-Nov-15	14:10:05	139.5	5.67	3020.8	13.35	50.14	0.999	10.30	85.54	160.2	535.4	36.72	544.4	152.7
30-Nov-15	14:10:10	139.3	6.12	3019.3	13.35	50.14	0.999	10.30	84.59	160.2	535.4	36.72	544.4	152.7
30-Nov-15	14:10:15	139.6	6.29	3017.5	13.35	50.14	0.999	10.30	84.52	160.2	535.5	36.72	544.5	152.7
30-Nov-15	14:10:20	139.0	7.95	3012.9	13.35	50.14	0.998	10.20	85.84	160.1	535.6	36.72	544.5	152.7
30-Nov-15	14:10:25	139.0	8.41	3015.3	13.42	50.14	0.998	10.20	83.88	159.9	535.6	36.72	544.5	152.7
30-Nov-15	14:10:30	139.3	5.18	3015.9	13.39	50.14	0.999	10.20	86.13	159.9	535.6	36.72	544.5	152.7
30-Nov-15	14:10:35	139.1	7.27	3012.7	13.39	50.04	0.999	10.20	83.76	159.8	535.6	36.72	544.5	152.7
30-Nov-15	14:10:40	139.3	6.84	3019.4	13.39	50.04	0.999	10.30	86.37	159.8	535.6	36.72	544.5	152.7
30-Nov-15	14:10:45	138.9	7.75	3012.6	13.39	50.04	0.998	10.20	84.15	159.8	535.4	36.72	544.4	152.7
30-Nov-15	14:10:50	139.2	7.03	3014.9	13.39	50.04	0.999	10.54	86.18	159.9	535.3	36.72	544.3	152.7
30-Nov-15	14:10:55	139.3	6.64	3016.2	13.39	50.04	0.999	10.27	84.40	160.0	535.2	36.72	544.3	152.7
30-Nov-15	14:11:00	139.4	6.37	3015.1	13.39	50.04	0.999	10.27	84.59	160.1	535.2	36.72	544.3	152.7
30-Nov-15	14:11:05	139.4	7.10	3014.3	13.39	50.04	0.999	10.27	84.77	160.1	535.3	36.72	544.3	152.7
30-Nov-15	14:11:10	139.5	7.36	3013.5	13.39	50.04	0.999	9.98	85.17	160.1	535.3	36.72	544.4	152.7
30-Nov-15	14:11:15	139.2	7.33	3011.1	13.39	50.04	0.999	10.22	85.04	160.0	535.5	36.72	544.5	152.7
30-Nov-15	14:11:20	139.1	8.20	3012.7	13.39	50.04	0.998	10.22	83.94	160.0	535.6	36.72	544.5	152.7
30-Nov-15	14:11:25	139.2	6.48	3014.3	13.39	50.04	0.999	10.22	86.36	159.9	535.6	36.72	544.5	152.7
30-Nov-15	14:11:30	139.3	6.93	3013.6	13.39	50.04	0.999	10.22	84.02	159.9	535.6	36.72	544.5	152.7
30-Nov-15	14:11:35	139.0	8.55	3012.5	13.39	50.04	0.998	10.22	86.67	159.9	535.6	36.72	544.5	152.7
30-Nov-15	14:11:40	138.9	6.09	3012.8	13.39	50.04	0.999	10.32	84.64	159.8	535.6	36.72	544.5	152.7
30-Nov-15	14:11:45	138.9	8.25	3014.3	13.39	50.04	0.998	10.32	84.68	159.9	535.6	36.72	544.4	152.7
30-Nov-15	14:11:50	139.0	6.57	3015.9	13.39	50.04	0.999	10.58	85.46	160.0	535.6	36.72	544.4	152.7
30-Nov-15	14:11:55	139.3	6.92	3015.9	13.39	50.04	0.999	10.47	83.92	160.1	535.5	36.72	544.4	152.7
30-Nov-15	14:12:00	139.1	7.02	3015.0	13.39	50.04	0.999	10.47	86.22	160.1	535.5	36.72	544.4	152.7
30-Nov-15	14:12:05	139.3	7.00	3015.1	13.39	50.04	0.999	10.45	84.00	160.1	535.6	36.72	544.5	152.7
30-Nov-15	14:12:10	138.7												

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	14:15:40	139.0	7.69	3015.2	13.42	50.14	0.998	10.26	84.25	159.6	536.1	36.62	544.4	152.8
30-Nov-15	14:15:45	138.8	7.70	3016.7	13.42	50.14	0.998	10.26	86.43	159.7	536.1	36.62	544.4	152.8
30-Nov-15	14:15:50	139.2	6.20	3020.8	13.42	50.14	0.999	10.26	84.91	159.8	536.1	36.62	544.4	152.8
30-Nov-15	14:15:55	139.6	5.30	3017.8	13.31	50.14	0.999	10.26	84.56	159.9	536.2	36.62	544.4	152.8
30-Nov-15	14:16:00	139.4	7.52	3012.0	13.31	50.03	0.999	10.26	85.09	159.9	536.2	36.62	544.5	152.8
30-Nov-15	14:16:05	139.2	9.15	3010.4	13.35	50.03	0.998	10.26	85.28	159.8	536.3	36.62	544.6	152.8
30-Nov-15	14:16:10	138.8	7.63	3012.6	13.35	50.03	0.998	10.26	85.28	159.7	536.3	36.62	544.6	152.8
30-Nov-15	14:16:15	138.9	6.32	3015.9	13.35	50.03	0.999	10.26	83.74	159.7	536.3	36.62	544.6	152.8
30-Nov-15	14:16:20	139.0	6.34	3017.4	13.35	50.03	0.999	10.26	86.10	159.7	536.3	36.62	544.6	152.8
30-Nov-15	14:16:25	139.0	6.54	3016.1	13.35	50.03	0.999	10.26	84.05	159.7	536.2	36.62	544.6	152.8
30-Nov-15	14:16:30	139.0	7.92	3016.6	13.35	50.03	0.998	10.26	86.23	159.7	536.1	36.62	544.5	152.8
30-Nov-15	14:16:35	139.3	6.06	3014.4	13.35	50.03	0.999	10.26	84.20	159.7	536.0	36.62	544.5	152.8
30-Nov-15	14:16:40	139.0	8.10	3011.0	13.35	50.03	0.998	10.26	85.17	159.7	535.9	36.62	544.4	152.8
30-Nov-15	14:16:45	138.7	8.85	3011.3	13.42	50.03	0.998	10.39	85.92	159.8	535.8	36.62	544.4	152.8
30-Nov-15	14:16:50	139.1	6.82	3015.7	13.42	50.03	0.999	10.29	84.19	159.9	535.8	36.62	544.4	152.8
30-Nov-15	14:16:55	139.5	5.79	3016.7	13.42	50.03	0.999	10.29	85.41	159.9	535.8	36.62	544.4	152.8
30-Nov-15	14:17:00	139.2	7.29	3014.3	13.35	50.03	0.999	10.29	83.91	159.9	535.9	36.62	544.5	152.8
30-Nov-15	14:17:05	139.0	8.04	3014.2	13.35	50.03	0.998	10.12	86.03	159.9	535.9	36.62	544.6	152.8
30-Nov-15	14:17:10	139.1	7.23	3015.8	13.35	50.03	0.999	10.27	83.99	159.9	536.0	36.62	544.6	152.8
30-Nov-15	14:17:15	139.2	6.29	3017.6	13.35	50.03	0.999	10.40	85.80	159.8	536.0	36.62	544.6	152.8
30-Nov-15	14:17:20	139.4	5.70	3015.9	13.35	50.03	0.999	10.40	84.03	159.8	536.0	36.62	544.6	152.8
30-Nov-15	14:17:25	139.3	7.36	3011.9	13.35	50.03	0.999	10.56	85.48	159.9	536.0	36.62	544.6	152.8
30-Nov-15	14:17:30	139.3	8.90	3011.1	13.35	50.03	0.998	10.42	84.36	159.9	536.0	36.62	544.6	152.8
30-Nov-15	14:17:35	138.8	8.94	3013.3	13.42	50.03	0.998	10.42	86.26	159.9	536.0	36.62	544.7	152.8
30-Nov-15	14:17:40	138.2	6.04	3016.9	13.42	50.03	0.999	10.42	84.40	159.9	536.0	36.62	544.7	152.8
30-Nov-15	14:17:45	139.0	7.67	3017.1	13.42	50.03	0.998	10.27	85.33	159.8	536.0	36.62	544.7	152.8
30-Nov-15	14:17:50	138.8	8.13	3019.5	13.42	50.13	0.998	10.40	85.69	159.8	536.0	36.62	544.7	152.8
30-Nov-15	14:17:55	138.9	6.05	3023.1	13.42	50.13	0.999	10.40	83.85	159.8	536.0	36.62	544.7	152.8
30-Nov-15	14:18:00	139.4	5.67	3020.9	13.34	50.13	0.999	10.40	86.08	159.8	536.0	36.62	544.7	152.8
30-Nov-15	14:18:05	139.3	7.77	3014.6	13.34	50.13	0.998	10.57	84.19	159.9	535.9	36.62	544.6	152.8
30-Nov-15	14:18:10	139.1	9.18	3012.0	13.34	50.03	0.998	10.34	85.53	159.9	535.8	36.62	544.6	152.8
30-Nov-15	14:18:15	138.7	9.12	3013.6	13.41	50.03	0.998	10.34	85.28	159.9	535.8	36.62	544.6	152.8
30-Nov-15	14:18:20	138.9	7.58	3018.4	13.41	50.14	0.999	10.04	83.92	159.9	535.8	36.62	544.6	152.8
30-Nov-15	14:18:25	139.2	5.12	3019.9	13.34	50.14	0.999	10.18	85.46	159.8	535.8	36.62	544.6	152.9
30-Nov-15	14:18:30	139.0	7.10	3018.5	13.34	50.14	0.999	10.28	84.68	159.8	535.8	36.62	544.6	152.9
30-Nov-15	14:18:35	139.0	7.60	3019.9	13.41	50.14	0.999	10.28	85.87	159.8	535.8	36.62	544.6	152.9
30-Nov-15	14:18:40	139.0	6.73	3017.8	13.41	50.14	0.999	10.28	84.26	159.8	535.8	36.62	544.6	152.9
30-Nov-15	14:18:45	138.7	7.77	3016.7	13.41	50.14	0.998	10.28	85.78	159.8	535.7	36.62	544.6	152.9
30-Nov-15	14:18:50	138.5	7.66	3017.5	13.41	50.14	0.998	10.28	85.32	159.7	535.6	36.62	544.5	152.9
30-Nov-15	14:18:55	138.5	7.30	3020.7	13.41	50.14	0.999	10.28	83.90	159.7	535.6	36.62	544.5	152.9
30-Nov-15	14:19:00	139.0	6.26	3021.1	13.41	50.14	0.999	10.54	85.67	160.0	535.5	36.62	544.4	152.9
30-Nov-15	14:19:05	138.5	7.89	3020.1	13.41	50.14	0.998	10.41	85.10	160.0	535.5	36.62	544.4	152.9
30-Nov-15	14:19:10	138.2	6.95	3021.7	13.41	50.14	0.999	10.30	84.34	160.2	535.5	36.62	544.4	152.9
30-Nov-15	14:19:15	139.3	6.54	3020.5	13.41	50.14	0.999	10.30	85.68	160.2	535.6	36.62	544.6	152.9
30-Nov-15	14:19:20	139.1	7.66	3017.5	13.41	50.14	0.998	10.30	83.79	160.2	535.8	36.62	544.8	152.9
30-Nov-15	14:19:25	139.1	8.66	3019.0	13.41	50.14	0.998	10.30	86.13	160.1	535.9	36.62	544.9	152.9
30-Nov-15	14:19:30	139.3	6.97	3020.7	13.41	50.14	0.999	10.30	83.92	160.1	536.0	36.62	544.9	152.9
30-Nov-15	14:19:35	139.4	6.67	3019.2	13.41	50.14	0.999	10.30	85.56	160.1	536.1	36.62	545.0	152.9
30-Nov-15	14:19:40	139.4	8.23	3017.1	13.41	50.14	0.998	10.30	85.19	160.0	536.1	36.62	545.0	152.9
30-Nov-15	14:19:45	139.1	8.36	3017.5	13.41	50.14	0.998	10.15	84.21	160.0	536.1	36.62	545.0	152.9
30-Nov-15	14:19:50	139.3	6.80	3018.3	13.41	50.14	0.999	10.33	85.79	159.9	536.1	36.62	545.0	152.9
30-Nov-15	14:19:55	139.3	7.18	3017.5	13.41	50.14	0.999	10.33	83.67	159.9	536.1	36.62	545.0	152.9
30-Nov-15	14:20:00	139.1	7.80	3014.5	13.41	50.14	0.998	10.33	86.00	159.9	536.0	36.62	544.9	152.9
30-Nov-15	14:20:05	139.6	7.73	3016.4	13.41	50.14	0.998	10.33	84.65	160.0	535.9	36.62	544.9	152.9
30-Nov-15	14:20:10	139.4	8.38	3014.7	13.41	50.14	0.998	10.33	84.47	160.0	535.8	36.62	544.9	152.9
30-Nov-15	14:20:15	139.2	8.54	3015.6	13.41	50.14	0.998	10.33	85.63	160.0	535.8	36.62	544.9	152.9
30-Nov-15	14:20:20	139.6	7.78	3015.2	13.41	50.14	0.998	10.33	84.25	160.0	535.8	36.62	544.9	152.9
30-Nov-15	14:20:25	139.1	9.25	3013.8	13.41	50.14	0.998	10.33	86.35	159.9	535.8	36.62	544.9	152.9
30-Nov-15	14:20:30	139.3	8.62	3014.1	13.41	50.14	0.998	10.33	84.18	159.8	535.8	36.62	544.9	152.9
30-Nov-15	14:20:35	139.1	7.65	3020.4	13.41	50.14	0.998	10.33	85.22	159.9	535.8	36.62	544.9	152.9
30-Nov-15	14:20:40	139.7	4.50	3020.0	13.33	50.14	0.999	10.33	84.84	159.9	535.8	36.62	544.7	152.9
30-Nov-15	14:20:45	139.7	7.06	3013.6	13.33	50.14	0.999	10.33	83.86	160.1	535.7	36.62	544.7	152.9
30-Nov-15	14:20:50	139.5	9.95	3009.6	13.40	50.02	0.997	10.23	86.22	160.1	535.7	36.62	544.7	152.9
30-Nov-15	14:20:55	139.3	9.83	3010.2	13.40	50.02	0.998	10.23	84.04	160.1	535.7	36.62	544.7	152.9
30-Nov-15	14:21:00	139.5	7.52	3010.4	13.40	50.02	0.999	10.23	85.35	160.0	535.8	36.62	544.7	152.9
30-Nov-15	14:21:05	138.9	11.25	3012.0	13.40	50.02	0.997	10.23	85.76	160.0	535.8	36.62	544.7	152.9
30-Nov-15	14:21:10	139.1	8.71	3016.5	13.40	50.02	0.998	10.23	83.84	160.0	535.8	36.62	544.7	152.9
30-Nov-15	14:21:15	139.3	7.58	3017.6	13.40	50.12	0.999	10.23	85.82	160.0	535.8	36.62	544.7	152.9
30-Nov-15	14:21:20	139.2	8.71	3019.5	13.40	50.12	0.998	10.34	83.86	160.0	535.9	36.62	544.7	152.9
30-Nov-15	14:21:25	139.5	7.64	3019.1	13.40	50.12	0.999	10.34	86.08	160.0	535.9	36.62	544.7	152.9
30-Nov-15	14:21:30	139.7	9.15	3016.6	13.40	50.12	0.998	10.34	83.77	160.0	535.9	36.62	544.7	152.9
30-Nov-15	14:21:35	139.6	10.46	3015.2	13.40	50.12	0.997	10.34	86.20	160.1	535.9	36.62	544.7	152.9
30-Nov-15	14:21:40	139.4	9.89	3014.3	13.40	50.12	0.997	10.23	84.00	160.4	535.9	36.72	544.7	152.9
30-Nov-15	14:21:45	139.6	9.46	3014.3	13.40	50.12	0.998	10.23	84.95	160.4	535.9	36.72	544.9	152.9
30-Nov-15	14:21:50	139.5	9.25	3013.5	13.40	50.12	0.998	10.23	84.38	160.4	536.0	36.72	545.0	152.9
30-Nov-15	14:21:55	139.5	10.63	3012.5	13.40	50.12	0.997	10.23	83.45	160.2	536.1	36.72	545.1	152.9
30-Nov-15														

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	14:25:30	139.6	10.71	3001.6	13.41	49.91	0.997	10.10	84.83	160.4	535.6	36.72	544.8	152.9
30-Nov-15	14:25:35	139.5	10.89	3003.8	13.41	49.91	0.997	10.10	86.06	160.4	535.7	36.72	544.9	152.9
30-Nov-15	14:25:40	139.3	9.78	3004.7	13.41	49.91	0.998	10.22	83.86	160.4	535.9	36.72	544.9	152.9
30-Nov-15	14:25:45	139.6	10.47	3007.9	13.41	49.91	0.997	10.22	86.12	160.4	536.0	36.72	545.0	152.8
30-Nov-15	14:25:50	140.0	8.59	3007.1	13.41	49.91	0.998	10.22	84.09	160.4	536.0	36.72	545.0	152.8
30-Nov-15	14:25:55	139.6	10.68	3003.3	13.41	49.91	0.997	10.22	86.16	160.4	536.1	36.72	545.0	152.8
30-Nov-15	14:26:00	139.6	10.89	3004.1	13.41	49.91	0.997	10.22	84.28	160.4	536.1	36.72	545.0	152.8
30-Nov-15	14:26:05	139.7	9.50	3004.0	13.41	49.91	0.998	10.22	85.97	160.4	536.1	36.72	545.0	152.8
30-Nov-15	14:26:10	139.8	10.12	3003.2	13.41	49.91	0.997	10.22	84.42	160.4	536.1	36.72	545.0	152.8
30-Nov-15	14:26:15	139.7	10.45	3001.6	13.41	49.91	0.997	10.22	86.21	160.2	536.1	36.72	545.0	152.8
30-Nov-15	14:26:20	139.3	12.03	3001.4	13.41	49.91	0.996	10.22	84.36	160.2	536.1	36.72	545.0	152.8
30-Nov-15	14:26:25	139.8	8.54	3001.8	13.41	49.91	0.998	10.22	86.16	160.2	536.0	36.72	545.0	152.8
30-Nov-15	14:26:30	139.6	10.72	2999.6	13.41	49.91	0.997	10.22	84.16	160.4	535.9	36.72	545.0	152.8
30-Nov-15	14:26:35	139.6	11.46	3000.7	13.41	49.91	0.997	10.22	86.51	160.5	535.9	36.72	544.9	152.8
30-Nov-15	14:26:40	139.5	10.90	3004.8	13.41	49.91	0.997	10.22	83.96	160.5	535.9	36.72	544.9	152.8
30-Nov-15	14:26:45	139.9	7.28	3006.3	13.37	49.91	0.999	10.22	85.98	160.5	535.9	36.72	545.0	152.8
30-Nov-15	14:26:50	140.3	8.86	3003.4	13.37	49.91	0.998	10.11	84.16	160.5	535.9	36.72	545.1	152.8
30-Nov-15	14:26:55	140.1	11.65	2999.1	13.37	49.91	0.997	10.11	86.11	160.5	536.0	36.72	545.1	152.8
30-Nov-15	14:27:00	139.3	12.30	2999.9	13.41	49.80	0.996	10.21	84.84	160.5	536.1	36.72	545.2	152.8
30-Nov-15	14:27:05	139.5	9.83	3002.5	13.41	49.80	0.998	10.21	85.49	160.5	536.1	36.72	545.2	152.8
30-Nov-15	14:27:10	139.5	9.28	3004.0	13.41	49.80	0.998	10.21	84.86	160.5	536.1	36.72	545.2	152.8
30-Nov-15	14:27:15	139.2	11.01	3005.1	13.41	49.91	0.997	10.33	85.76	160.5	536.1	36.72	545.2	152.8
30-Nov-15	14:27:20	139.6	8.43	3008.0	13.41	49.91	0.998	10.33	86.45	160.4	536.1	36.72	545.2	152.8
30-Nov-15	14:27:25	139.5	9.83	3008.7	13.41	49.91	0.998	10.33	84.05	160.4	536.1	36.72	545.2	152.8
30-Nov-15	14:27:30	139.6	9.67	3008.0	13.41	49.91	0.998	10.33	85.81	160.4	536.0	36.72	545.1	152.8
30-Nov-15	14:27:35	139.7	9.62	3007.7	13.41	49.91	0.998	10.38	85.88	160.5	536.0	36.72	545.1	152.8
30-Nov-15	14:27:40	139.8	10.96	3004.0	13.41	49.91	0.997	10.38	86.08	160.6	536.0	36.72	545.1	152.8
30-Nov-15	14:27:45	139.4	11.25	3004.8	13.41	49.91	0.997	10.27	84.87	160.6	536.0	36.72	545.1	152.8
30-Nov-15	14:27:50	139.5	10.20	3005.6	13.41	49.91	0.997	10.27	85.22	160.6	536.1	36.72	545.2	152.8
30-Nov-15	14:27:55	139.4	9.26	3004.8	13.41	49.91	0.998	10.09	85.48	160.6	536.2	36.72	545.3	152.8
30-Nov-15	14:28:00	139.4	10.10	3006.4	13.41	49.91	0.997	10.20	84.81	160.6	536.2	36.72	545.4	152.8
30-Nov-15	14:28:05	139.6	9.11	3006.4	13.41	49.91	0.998	10.20	84.88	160.6	536.3	36.72	545.4	152.9
30-Nov-15	14:28:10	139.4	9.94	3006.4	13.41	49.91	0.997	10.20	84.85	160.5	536.3	36.72	545.4	152.9
30-Nov-15	14:28:15	139.2	9.82	3007.7	13.41	49.91	0.998	10.20	86.03	160.5	536.3	36.72	545.4	152.9
30-Nov-15	14:28:20	139.4	8.85	3008.8	13.41	49.91	0.998	10.31	83.79	160.4	536.3	36.72	545.4	152.9
30-Nov-15	14:28:25	139.5	9.07	3008.0	13.41	49.91	0.998	10.31	86.12	160.4	536.2	36.72	545.4	152.9
30-Nov-15	14:28:30	139.6	9.32	3004.8	13.41	49.91	0.998	10.31	83.97	160.5	536.2	36.72	545.3	152.9
30-Nov-15	14:28:35	139.7	9.79	3003.2	13.41	49.91	0.998	10.51	85.90	160.6	536.1	36.72	545.3	152.9
30-Nov-15	14:28:40	139.3	10.96	3002.4	13.41	49.91	0.997	10.39	84.42	160.6	536.1	36.72	545.3	152.9
30-Nov-15	14:28:45	139.3	10.55	3007.3	13.41	49.91	0.997	10.39	86.25	160.6	536.1	36.72	545.4	152.9
30-Nov-15	14:28:50	139.8	7.25	3009.4	13.37	49.91	0.999	10.39	84.37	160.6	536.1	36.72	545.4	152.9
30-Nov-15	14:28:55	139.9	9.43	3008.4	13.37	49.91	0.998	10.39	84.29	160.5	536.0	36.72	545.4	152.9
30-Nov-15	14:29:00	139.4	9.20	3005.6	13.37	49.91	0.998	10.39	84.66	160.5	536.1	36.72	545.4	152.9
30-Nov-15	14:29:05	139.7	8.77	3005.8	13.37	49.91	0.998	10.39	85.99	160.4	536.1	36.72	545.4	152.9
30-Nov-15	14:29:10	139.6	10.22	3002.4	13.37	49.91	0.997	10.02	84.67	160.4	536.1	36.72	545.4	152.9
30-Nov-15	14:29:15	139.4	10.93	3000.0	13.37	49.91	0.997	10.27	86.01	160.3	536.0	36.72	545.3	152.9
30-Nov-15	14:29:20	139.2	11.61	3000.1	13.41	49.91	0.997	10.27	85.34	160.3	535.9	36.72	545.2	152.9
30-Nov-15	14:29:25	139.9	10.57	3005.6	13.41	49.91	0.997	10.27	84.45	160.3	535.8	36.72	545.2	152.9
30-Nov-15	14:29:30	139.2	7.98	3008.7	13.41	49.91	0.998	10.27	85.66	160.2	535.7	36.72	545.1	152.9
30-Nov-15	14:29:35	139.1	9.45	3007.5	13.41	49.91	0.998	10.27	84.79	160.2	535.6	36.72	545.0	152.9
30-Nov-15	14:29:40	139.3	8.94	3006.4	13.41	49.91	0.998	10.27	84.52	160.2	535.5	36.72	544.9	152.9
30-Nov-15	14:29:45	139.3	10.63	3004.1	13.41	49.91	0.997	10.27	85.58	160.0	535.3	36.72	544.8	152.9
30-Nov-15	14:29:50	139.0	10.37	3002.6	13.41	49.91	0.997	10.27	85.00	160.0	535.3	36.72	544.7	152.9
30-Nov-15	14:29:55	138.8	11.08	3004.0	13.41	49.91	0.997	10.27	85.10	159.9	535.2	36.72	544.7	152.9
30-Nov-15	14:30:00	138.8	9.76	3007.1	13.41	49.91	0.998	10.27	86.71	159.9	535.1	36.72	544.6	152.9
30-Nov-15	14:30:05	139.1	8.35	3008.0	13.41	49.91	0.998	10.27	84.95	159.9	535.0	36.72	544.5	152.9
30-Nov-15	14:30:10	139.0	9.41	3008.0	13.41	49.91	0.998	10.27	85.13	159.9	535.0	36.72	544.5	152.9
30-Nov-15	14:30:15	139.1	9.43	3007.9	13.41	49.91	0.998	10.27	85.66	160.0	534.9	36.72	544.4	152.9
30-Nov-15	14:30:20	139.0	9.82	3007.7	13.41	49.91	0.998	10.27	84.97	160.0	534.9	36.72	544.4	152.9
30-Nov-15	14:30:25	139.5	9.62	3006.4	13.41	49.91	0.998	10.17	86.49	160.1	534.9	36.72	544.4	152.9
30-Nov-15	14:30:30	139.5	9.58	3004.0	13.41	49.91	0.998	10.17	83.88	160.1	535.1	36.72	544.5	152.9
30-Nov-15	14:30:35	139.2	10.71	3003.3	13.41	49.91	0.997	10.17	86.12	160.1	535.3	36.72	544.6	152.9
30-Nov-15	14:30:40	139.1	9.85	3004.8	13.41	49.91	0.998	10.17	85.17	160.0	535.4	36.72	544.7	152.9
30-Nov-15	14:30:45	139.2	9.33	3008.8	13.41	49.91	0.998	10.17	84.36	160.0	535.5	36.72	544.7	152.9
30-Nov-15	14:30:50	139.4	7.10	3004.9	13.40	49.91	0.999	10.27	85.43	159.9	535.6	36.72	544.8	152.9
30-Nov-15	14:30:55	138.8	11.75	3001.8	13.40	49.91	0.996	10.27	84.65	159.9	535.6	36.72	544.8	152.9
30-Nov-15	14:31:00	138.8	10.79	3005.6	13.40	49.91	0.997	10.27	86.20	159.9	535.6	36.72	544.8	152.9
30-Nov-15	14:31:05	139.1	8.39	3007.2	13.40	49.91	0.998	10.27	83.80	159.9	535.6	36.72	544.8	152.9
30-Nov-15	14:31:10	139.4	8.99	3005.7	13.40	49.91	0.998	10.27	86.14	160.0	535.5	36.72	544.7	152.9
30-Nov-15	14:31:15	139.3	10.26	3004.4	13.40	49.91	0.997	10.46	84.73	160.1	535.5	36.72	544.7	152.9
30-Nov-15	14:31:20	139.2	10.48	3002.5	13.40	49.91	0.997	10.25	85.24	160.1	535.5	36.72	544.7	152.9
30-Nov-15	14:31:25	139.0	11.16	3004.1	13.40	49.91	0.997	10.25	85.21	160.1	535.6	36.72	544.8	152.9
30-Nov-15	14:31:30	139.1	9.78	3007.2	13.40	49.91	0.998	10.25	84.08	160.1	535.7	36.72	544.8	152.9
30-Nov-15	14:31:35	139.5	9.42	3008.6	13.40	49.91	0.998	10.16	86.40	160.1	535.7	36.72	544.9	152.9
30-Nov-15	14:31:40	139.8	9.26	3008.8	13.40	49.91	0.997	10.37	83.94	160.1	535.8	36.72	544.9	152.9
30-Nov-15	14:31:45	139.7	9.71	3010.4	13.40	49.91	0.998	10.37	86.31	160.1	535.8	36.72	544.9	152.9

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	14:35:20	139.2	8.10	3008.2	13.29	50.01	0.998	10.20	83.20	159.7	535.7	36.62	544.9	152.8
30-Nov-15	14:35:25	138.7	12.25	3007.2	13.41	50.01	0.996	10.20	86.57	159.7	535.8	36.62	544.9	152.8
30-Nov-15	14:35:30	138.8	10.25	3009.4	13.41	50.01	0.997	10.32	85.10	159.7	535.8	36.62	544.9	152.8
30-Nov-15	14:35:35	139.2	8.26	3011.3	13.41	50.01	0.998	10.21	83.94	159.7	535.8	36.62	544.9	152.8
30-Nov-15	14:35:40	139.1	9.98	3006.4	13.30	50.01	0.997	10.21	86.42	159.5	535.8	36.62	544.9	152.8
30-Nov-15	14:35:45	138.9	9.59	3005.6	13.41	50.01	0.998	10.21	84.14	159.5	535.7	36.62	544.9	152.8
30-Nov-15	14:35:50	138.6	9.56	3006.4	13.41	50.01	0.998	10.46	86.06	159.6	535.6	36.62	544.9	152.8
30-Nov-15	14:35:55	139.0	7.13	3008.5	13.41	50.01	0.999	10.23	84.03	159.8	535.6	36.62	544.9	152.8
30-Nov-15	14:36:00	139.5	7.07	3006.9	13.41	50.01	0.999	10.20	85.47	159.9	535.6	36.62	544.9	152.8
30-Nov-15	14:36:05	139.4	8.70	3004.2	13.41	49.91	0.998	10.20	84.52	159.9	535.6	36.62	544.9	152.8
30-Nov-15	14:36:10	139.2	10.36	3002.4	13.41	49.91	0.997	9.88	86.28	159.9	535.7	36.62	544.9	152.8
30-Nov-15	14:36:15	139.1	10.05	3004.2	13.41	49.91	0.997	10.03	84.67	159.8	535.8	36.62	545.1	152.8
30-Nov-15	14:36:20	139.3	7.18	3004.2	13.41	49.91	0.999	10.13	84.41	159.8	535.8	36.62	545.1	152.8
30-Nov-15	14:36:25	139.1	8.82	3002.8	13.41	49.91	0.998	10.13	86.10	159.7	535.9	36.62	545.1	152.8
30-Nov-15	14:36:30	139.1	9.36	3002.4	13.41	49.91	0.998	10.13	83.93	159.7	535.9	36.62	545.1	152.8
30-Nov-15	14:36:35	138.9	9.43	3000.1	13.41	49.91	0.998	10.13	85.92	159.7	535.9	36.62	545.1	152.8
30-Nov-15	14:36:40	139.1	9.18	3000.1	13.41	49.91	0.998	10.13	84.29	159.6	535.9	36.62	545.1	152.8
30-Nov-15	14:36:45	138.9	9.55	2999.9	13.41	49.91	0.998	10.13	86.15	159.6	535.9	36.62	545.1	152.8
30-Nov-15	14:36:50	138.8	9.33	3000.8	13.41	49.91	0.998	10.13	84.45	159.6	535.8	36.62	545.0	152.8
30-Nov-15	14:36:55	139.1	8.25	3001.0	13.41	49.91	0.998	10.25	85.82	159.7	535.7	36.62	544.9	152.8
30-Nov-15	14:37:00	139.0	8.45	2998.7	13.41	49.80	0.998	10.13	84.73	159.8	535.7	36.62	544.9	152.8
30-Nov-15	14:37:05	139.1	10.04	2998.8	13.41	49.80	0.997	10.13	86.53	159.8	535.7	36.62	544.9	152.8
30-Nov-15	14:37:10	139.3	8.82	3000.2	13.41	49.80	0.998	10.13	84.35	159.8	535.7	36.62	544.9	152.8
30-Nov-15	14:37:15	138.9	8.54	2998.5	13.41	49.80	0.998	10.13	85.88	159.8	535.8	36.62	545.1	152.8
30-Nov-15	14:37:20	139.1	9.21	3000.6	13.41	49.80	0.998	10.27	85.06	159.8	535.9	36.62	545.1	152.8
30-Nov-15	14:37:25	139.0	8.09	3000.2	13.41	49.80	0.998	10.27	85.77	159.8	535.9	36.62	545.1	152.8
30-Nov-15	14:37:30	139.2	8.88	2999.2	13.41	49.80	0.998	10.27	84.81	159.8	536.0	36.62	545.2	152.8
30-Nov-15	14:37:35	139.0	10.00	2997.6	13.41	49.80	0.997	10.12	86.12	159.8	536.0	36.62	545.2	152.8
30-Nov-15	14:37:40	138.8	10.33	3000.4	13.41	49.80	0.997	10.22	85.92	159.9	536.1	36.62	545.2	152.8
30-Nov-15	14:37:45	139.0	7.55	3002.4	13.41	49.80	0.999	10.22	84.35	159.9	536.1	36.62	545.2	152.8
30-Nov-15	14:37:50	139.2	8.18	2999.8	13.41	49.80	0.998	10.22	86.38	159.9	536.1	36.62	545.2	152.8
30-Nov-15	14:37:55	139.0	9.82	2998.8	13.41	49.80	0.998	10.22	84.04	159.8	536.2	36.62	545.3	152.8
30-Nov-15	14:38:00	139.3	8.14	2998.5	13.41	49.80	0.998	10.22	86.25	159.8	536.2	36.62	545.3	152.8
30-Nov-15	14:38:05	138.8	9.34	2994.9	13.41	49.80	0.998	10.22	84.25	159.8	536.2	36.62	545.3	152.8
30-Nov-15	14:38:10	138.7	9.62	2996.0	13.41	49.80	0.998	10.22	86.82	159.7	536.2	36.62	545.3	152.8
30-Nov-15	14:38:15	138.9	8.50	2998.5	13.41	49.80	0.998	10.22	84.80	159.7	536.1	36.62	545.2	152.8
30-Nov-15	14:38:20	138.8	8.42	2998.5	13.41	49.80	0.998	10.22	85.57	159.8	536.1	36.62	545.2	152.8
30-Nov-15	14:38:25	138.8	9.45	3000.1	13.41	49.80	0.998	10.37	85.96	159.9	536.0	36.62	545.2	152.8
30-Nov-15	14:38:30	139.1	8.12	3001.0	13.41	49.80	0.998	10.26	83.92	159.9	536.0	36.62	545.2	152.8
30-Nov-15	14:38:35	139.2	8.72	3000.0	13.41	49.80	0.998	10.26	86.34	159.9	536.0	36.62	545.2	152.8
30-Nov-15	14:38:40	138.7	9.88	2999.1	13.41	49.80	0.997	10.26	84.10	159.9	536.1	36.62	545.2	152.8
30-Nov-15	14:38:45	138.45	8.93	3000.1	13.41	49.80	0.998	10.26	86.68	159.9	536.2	36.62	545.3	152.8
30-Nov-15	14:38:50	139.1	8.56	3004.8	13.41	49.90	0.998	10.26	84.80	159.9	536.3	36.62	545.3	152.8
30-Nov-15	14:38:55	139.3	7.75	3004.1	13.41	49.90	0.998	10.26	84.80	159.9	536.3	36.62	545.3	152.9
30-Nov-15	14:39:00	139.3	8.13	3003.1	13.41	49.90	0.998	10.26	85.54	160.0	536.3	36.62	545.3	152.9
30-Nov-15	14:39:05	139.5	8.61	3003.2	13.41	49.90	0.998	10.26	83.67	160.1	536.3	36.62	545.3	152.9
30-Nov-15	14:39:10	139.4	9.11	3000.0	13.41	49.90	0.998	10.26	86.25	160.1	536.4	36.62	545.4	152.9
30-Nov-15	14:39:15	138.9	10.71	2998.5	13.41	49.80	0.997	10.11	84.27	160.1	536.6	36.62	545.5	152.9
30-Nov-15	14:39:20	139.0	8.64	3002.4	13.41	49.80	0.998	10.22	86.13	160.1	536.6	36.62	545.6	152.9
30-Nov-15	14:39:25	139.2	7.48	3003.4	13.41	49.80	0.999	10.22	84.98	160.0	536.7	36.62	545.8	152.9
30-Nov-15	14:39:30	139.3	8.89	3003.4	13.41	49.80	0.998	10.22	85.46	160.0	536.8	36.62	545.8	152.9
30-Nov-15	14:39:35	139.2	9.48	3002.5	13.41	49.80	0.998	10.22	85.39	160.0	536.8	36.62	545.8	153.0
30-Nov-15	14:39:40	139.2	8.32	3003.2	13.41	49.80	0.998	10.22	85.04	159.9	536.8	36.62	545.8	153.0
30-Nov-15	14:39:45	139.3	7.60	3001.8	13.41	49.80	0.999	10.22	85.33	160.0	536.8	36.62	545.8	153.0
30-Nov-15	14:39:50	139.4	8.92	3000.7	13.41	49.80	0.998	10.51	85.29	160.1	536.7	36.62	545.8	153.0
30-Nov-15	14:39:55	139.4	9.71	3000.0	13.41	49.80	0.998	10.25	85.39	160.2	536.7	36.62	545.8	153.0
30-Nov-15	14:40:00	139.4	8.97	3003.5	13.41	49.80	0.998	10.25	84.38	160.2	536.7	36.62	545.8	153.0
30-Nov-15	14:40:05	139.7	7.31	3004.8	13.41	49.90	0.999	10.25	86.20	160.2	536.7	36.62	545.9	153.0
30-Nov-15	14:40:10	139.7	8.21	3004.1	13.41	49.90	0.998	10.33	83.86	160.3	536.8	36.62	545.9	153.0
30-Nov-15	14:40:15	139.2	9.44	3003.5	13.41	49.90	0.998	10.17	86.55	160.1	536.9	36.62	546.0	153.0
30-Nov-15	14:40:20	139.5	7.49	3005.6	13.41	49.90	0.999	10.29	84.72	160.1	536.9	36.62	546.0	153.0
30-Nov-15	14:40:25	139.3	8.27	3004.0	13.41	49.90	0.998	10.29	85.38	160.0	536.9	36.62	546.0	153.0
30-Nov-15	14:40:30	139.3	7.75	3004.9	13.41	49.90	0.998	10.29	85.81	160.0	536.9	36.62	546.0	153.0
30-Nov-15	14:40:35	139.5	7.91	3004.1	13.41	49.90	0.998	10.29	84.15	160.0	536.9	36.62	546.0	153.0
30-Nov-15	14:40:40	139.2	8.73	3002.6	13.41	49.90	0.998	10.60	85.50	159.9	536.8	36.62	546.0	153.0
30-Nov-15	14:40:45	139.1	9.88	3003.6	13.41	49.90	0.997	10.46	84.42	160.0	536.6	36.62	545.9	153.0
30-Nov-15	14:40:50	139.5	6.73	3005.5	13.41	49.90	0.999	10.33	85.50	160.1	536.5	36.62	545.9	153.0
30-Nov-15	14:40:55	139.5	8.95	3006.4	13.41	49.90	0.998	10.33	85.53	160.2	536.5	36.62	545.9	153.0
30-Nov-15	14:41:00	139.6	7.22	3003.3	13.30	49.90	0.999	10.33	84.01	160.1	536.5	36.62	545.9	153.0
30-Nov-15	14:41:05	139.4	8.68	3001.8	13.30	49.90	0.998	10.00	86.04	160.1	536.5	36.62	545.9	153.0
30-Nov-15	14:41:10	139.5	7.90	3001.6	13.30	49.90	0.998	10.12	85.51	160.0	536.6	36.62	545.9	153.0
30-Nov-15	14:41:15	139.2	8.66	3001.6	13.30	49.90	0.998	10.27	85.75	159.9	536.6	36.62	545.9	153.0
30-Nov-15	14:41:20	139.0	8.42	3003.9	13.34	49.90	0.998	10.27	85.19	159.8	536.6	36.62	545.9	153.0
30-Nov-15	14:41:25	139.2	7.25	3004.0	13.34	49.90	0.999	10.27	85.05	159.8	536.5	36.62	545.8	153.0
30-Nov-15	14:41:30	139.2	8.12	3004.8	13.34	49.90	0.998	10.27	85.91	159.8	536.4	36.62	545.8	153.0
30-Nov-15	14:41:35	139.2	7.66	3006.5	13.34	49.90	0.998	10.27	84.75	159.8	536.3	36.62	545.6	153.0
30-Nov-15														

Norgener Power Plant Unit#1

Date	Time	Gross Power MW	Reactive Power Mvar	Speed rpm	Voltage Generator kV	Frequency Generator Hz	Power Factor -	Auxiliary Power MW	HP Valve Position %	HP steam Pressure bar(g)	HP steam Temperature °C	IP steam Pressure bar(g)	IP steam Temperature °C	Flue Gas Outlet Temperature °C
30-Nov-15	14:45:10	138.9	7.66	3005.3	13.42	49.91	0.998	10.20	84.32	159.7	535.8	36.62	545.3	153.0
30-Nov-15	14:45:15	138.6	7.69	3007.0	13.42	49.91	0.998	10.20	86.63	159.7	535.9	36.62	545.5	153.0
30-Nov-15	14:45:20	139.1	5.46	3011.4	13.42	50.01	0.999	10.28	84.06	159.7	535.9	36.62	545.5	153.0
30-Nov-15	14:45:25	139.2	6.02	3010.4	13.42	50.01	0.999	10.28	85.91	159.7	536.0	36.62	545.5	153.0
30-Nov-15	14:45:30	139.0	6.43	3008.5	13.42	50.01	0.999	10.28	83.81	159.6	536.0	36.62	545.5	153.0
30-Nov-15	14:45:35	138.6	8.36	3007.6	13.42	50.01	0.998	10.39	86.39	159.6	536.0	36.62	545.5	153.0
30-Nov-15	14:45:40	138.8	6.05	3009.6	13.42	50.01	0.999	10.39	85.33	159.6	536.0	36.62	545.5	153.0
30-Nov-15	14:45:45	138.7	6.03	3011.2	13.42	50.01	0.999	10.39	84.63	159.6	536.0	36.62	545.5	153.0
30-Nov-15	14:45:50	139.2	6.11	3013.3	13.42	50.01	0.999	10.39	85.89	159.7	536.0	36.62	545.5	153.0
30-Nov-15	14:45:55	139.4	6.24	3011.2	13.42	50.01	0.999	10.39	84.42	159.9	536.0	36.62	545.5	153.0
30-Nov-15	14:46:00	139.6	6.61	3007.7	13.42	50.01	0.999	10.39	84.44	159.9	536.0	36.62	545.6	153.0
30-Nov-15	14:46:05	139.4	9.07	3004.9	13.42	49.91	0.998	10.08	85.22	160.1	536.1	36.62	545.7	153.0
30-Nov-15	14:46:10	139.0	9.22	3008.2	13.42	49.91	0.998	10.35	84.92	160.1	536.3	36.62	545.8	153.0
30-Nov-15	14:46:15	139.2	6.44	3010.5	13.42	49.91	0.999	10.35	84.65	160.1	536.4	36.62	545.9	153.0
30-Nov-15	14:46:20	139.2	6.80	3011.2	13.42	50.01	0.999	10.35	85.70	160.1	536.6	36.62	546.0	153.0
30-Nov-15	14:46:25	139.5	5.59	3012.0	13.42	50.01	0.999	10.35	83.85	160.1	536.7	36.62	546.1	153.0
30-Nov-15	14:46:30	140.0	6.26	3008.8	13.42	50.01	0.999	10.35	86.04	159.9	536.7	36.62	546.1	153.0
30-Nov-15	14:46:35	139.3	8.46	3003.3	13.42	49.91	0.998	10.35	83.77	159.9	536.8	36.62	546.1	153.0
30-Nov-15	14:46:40	139.0	9.11	3002.4	13.42	49.91	0.998	10.35	86.46	159.9	536.8	36.62	546.1	153.0
30-Nov-15	14:46:45	138.9	8.36	3004.8	13.42	49.91	0.998	10.35	84.66	159.8	536.8	36.62	546.1	153.0
30-Nov-15	14:46:50	139.1	7.00	3008.3	13.42	49.91	0.999	10.23	84.73	159.8	536.7	36.62	546.1	153.0
30-Nov-15	14:46:55	139.3	5.80	3009.7	13.42	49.91	0.999	10.23	86.04	159.8	536.7	36.62	546.1	153.0
30-Nov-15	14:47:00	139.3	7.12	3008.9	13.42	49.91	0.999	10.23	84.21	159.8	536.6	36.62	546.1	153.0
30-Nov-15	14:47:05	139.1	7.10	3008.0	13.42	49.91	0.999	10.23	86.09	159.7	536.5	36.62	546.0	153.0
30-Nov-15	14:47:10	139.1	6.69	3007.2	13.42	49.91	0.999	10.23	84.13	159.7	536.4	36.62	546.0	153.0
30-Nov-15	14:47:15	139.4	7.91	3005.5	13.42	49.91	0.998	10.23	86.63	159.9	536.3	36.62	546.0	153.0
30-Nov-15	14:47:20	139.3	8.13	3004.8	13.42	49.91	0.998	10.31	83.81	160.0	536.3	36.62	546.0	153.0
30-Nov-15	14:47:25	139.2	8.50	3006.4	13.42	49.91	0.998	10.31	86.45	160.0	536.3	36.62	546.0	153.0
30-Nov-15	14:47:30	139.2	7.08	3008.9	13.42	49.91	0.999	10.31	84.80	160.0	536.3	36.62	546.0	153.0
30-Nov-15	14:47:35	139.4	5.70	3006.9	13.32	49.91	0.999	10.31	84.61	160.0	536.3	36.62	546.1	153.0
30-Nov-15	14:47:40	139.4	7.71	3005.9	13.32	49.91	0.998	10.31	85.86	160.0	536.4	36.62	546.1	153.0
30-Nov-15	14:47:45	139.2	8.72	3007.8	13.32	49.91	0.998	10.31	84.01	160.0	536.5	36.62	546.1	153.0
30-Nov-15	14:47:50	139.4	6.32	3009.3	13.32	49.91	0.999	10.31	86.25	160.0	536.5	36.62	546.1	153.0
30-Nov-15	14:47:55	139.5	5.77	3006.1	13.32	49.91	0.999	10.31	83.77	160.0	536.5	36.62	546.1	153.0
30-Nov-15	14:48:00	139.1	8.76	3001.6	13.32	49.91	0.998	10.31	86.15	159.9	536.5	36.62	546.1	153.0
30-Nov-15	14:48:05	138.9	9.58	3003.8	13.42	49.91	0.998	10.31	85.12	160.0	536.4	36.62	546.0	153.0
30-Nov-15	14:48:10	139.0	6.99	3007.2	13.42	49.91	0.999	10.31	83.86	160.1	536.4	36.62	546.0	153.0
30-Nov-15	14:48:15	139.4	6.70	3007.2	13.42	49.91	0.999	10.31	85.93	160.1	536.4	36.62	546.0	153.0
30-Nov-15	14:48:20	139.1	9.31	3008.0	13.42	49.91	0.998	10.31	84.18	160.3	536.5	36.62	546.1	153.0
30-Nov-15	14:48:25	139.4	8.18	3010.2	13.42	50.01	0.998	10.21	86.52	160.3	536.6	36.62	546.3	153.0
30-Nov-15	14:48:30	139.7	5.95	3010.4	13.42	50.01	0.998	10.24	83.74	160.3	536.8	36.62	546.4	153.0
30-Nov-15	14:48:35	139.7	7.09	3009.6	13.32	49.90	0.999	10.34	86.03	160.1	536.9	36.62	546.5	153.0
30-Nov-15	14:48:40	139.0	9.61	3002.4	13.32	49.90	0.998	10.34	84.28	160.1	536.9	36.62	546.5	153.0
30-Nov-15	14:48:45	139.4	8.58	3004.1	13.44	49.90	0.998	10.34	85.37	160.0	536.9	36.62	546.5	153.0
30-Nov-15	14:48:50	138.9	8.54	3005.4	13.44	49.90	0.998	10.34	85.18	160.0	536.9	36.62	546.5	153.0
30-Nov-15	14:48:55	139.0	7.28	3007.2	13.44	49.90	0.999	10.34	84.00	160.0	536.9	36.62	546.5	153.0
30-Nov-15	14:49:00	139.2	7.28	3006.4	13.44	49.90	0.999	10.34	86.05	160.0	536.9	36.62	546.4	153.0
30-Nov-15	14:49:05	139.6	8.51	3007.2	13.44	49.90	0.998	10.34	83.68	160.2	536.8	36.62	546.4	153.0
30-Nov-15	14:49:10	139.6	7.79	3005.6	13.44	49.90	0.998	10.34	86.12	160.2	536.8	36.62	546.3	153.0
30-Nov-15	14:49:15	139.4	8.70	3006.2	13.44	49.90	0.998	10.34	84.94	160.2	536.7	36.62	546.3	153.0
30-Nov-15	14:49:20	139.5	7.81	3006.4	13.44	49.90	0.998	10.34	84.52	160.2	536.7	36.62	546.3	153.0
30-Nov-15	14:49:25	139.3	8.30	3005.6	13.44	49.90	0.998	10.34	85.35	160.2	536.8	36.62	546.4	153.0
30-Nov-15	14:49:30	139.4	7.59	3007.2	13.44	49.90	0.999	10.34	84.11	160.2	536.8	36.62	546.4	153.0
30-Nov-15	14:49:35	139.4	7.36	3009.2	13.44	49.90	0.999	10.34	85.84	160.0	536.8	36.62	546.4	153.0
30-Nov-15	14:49:40	139.5	6.92	3008.8	13.34	49.90	0.999	10.24	84.23	160.0	536.8	36.62	546.4	153.0
30-Nov-15	14:49:45	139.3	6.96	3008.1	13.34	49.90	0.999	10.24	86.17	160.0	536.8	36.62	546.3	153.0
30-Nov-15	14:49:50	139.0	8.16	3010.5	13.34	50.01	0.998	10.24	84.00	159.9	536.6	36.62	546.3	153.0
30-Nov-15	14:49:55	139.2	6.74	3012.9	13.34	50.01	0.999	10.27	86.14	159.9	536.5	36.62	546.2	153.0
30-Nov-15	14:50:00	139.7	6.23	3012.9	13.34	50.01	0.999	10.24	84.53	160.1	536.5	36.62	546.1	153.0
30-Nov-15	14:50:05	139.6	7.38	3006.6	13.34	50.01	0.999	10.22	86.07	160.2	536.4	36.62	546.1	153.0
30-Nov-15	14:50:10	139.6	8.23	3005.6	13.34	49.91	0.998	10.22	83.64	160.2	536.4	36.62	546.1	153.0
30-Nov-15	14:50:15	139.7	7.03	3004.2	13.34	49.91	0.999	10.22	86.19	160.2	536.5	36.62	546.1	153.0
30-Nov-15	14:50:20	139.3	8.71	3002.6	13.34	49.91	0.998	10.22	83.92	160.1	536.5	36.62	546.2	153.0
30-Nov-15	14:50:25	139.3	9.01	3004.0	13.34	49.91	0.998	10.22	86.13	159.9	536.6	36.62	546.2	153.0
30-Nov-15	14:50:30	139.1	7.68	3007.3	13.34	49.91	0.998	10.22	84.09	159.9	536.6	36.62	546.2	153.0
30-Nov-15	14:50:35	139.1	6.48	3011.4	13.34	50.02	0.999	10.22	85.99	159.9	536.6	36.62	546.2	153.0
30-Nov-15	14:50:40	139.3	5.92	3013.7	13.34	50.02	0.999	10.22	84.75	159.8	536.6	36.62	546.1	153.0
30-Nov-15	14:50:45	139.5	5.66	3012.9	13.34	50.02	0.999	10.22	84.86	159.8	536.5	36.62	545.9	153.0
30-Nov-15	14:50:50	139.3	7.74	3009.6	13.34	50.02	0.998	10.22	84.93	159.7	536.4	36.62	545.9	153.0
30-Nov-15	14:50:55	138.9	8.10	3009.7	13.34	50.02	0.998	10.24	84.52	159.7	536.3	36.62	545.8	153.0
30-Nov-15	14:51:00	139.2	7.16	3011.2	13.34	50.02	0.999	10.24	85.62	159.8	536.2	36.62	545.7	153.0
30-Nov-15	14:51:05	139.4	6.57	3010.4	13.34	50.02	0.999	10.24	83.60	159.9	536.2	36.62	545.7	153.0
30-Nov-15	14:51:10	139.6	6.96	3009.3	13.34	50.02	0.999	10.24	86.25	159.9	536.2	36.62	545.7	153.1
30-Nov-15	14:51:15	139.5	7.56	3005.6	13.34	49.92	0.999	10.07	84.24	159.9	536.2	36.62	545.7	153.1
30-Nov-15	14:51:20	139.1	8.43	3004.0	13.34	49.92	0.998	10.35	85.96	159.9	536.3	36.62	545.8	153.1
30-Nov-15	14:51:25	139.3	7.89	3006.0	13.34	49.92	0.998	10.35	85.13	159.9	536.3	36.62	545.8	153.1
30-Nov-15	14:51:30	139.1</												

Norgener Power Plant Unit#1

		Gross Power	Reactive Power	Speed	Voltage Generator	Frequency Generator	Power Factor	Auxiliary Power	HP Valve Position	HP steam Pressure	HP steam Temperature	IP steam Pressure	IP steam Temperature	Flue Gas Outlet Temperature
Date	Time	MW	Mvar	rpm	kV	Hz	-	MW	%	bar(g)	°C	bar(g)	°C	°C
30-Nov-15	14:55:00	139.1	5.84	3012.1	13.34	50.03	0.999	10.53	83.74	159.9	536.5	36.63	546.0	153.1
30-Nov-15	14:55:05	139.2	6.66	3013.6	13.34	50.03	0.999	10.39	86.31	159.9	536.5	36.63	546.0	153.1
30-Nov-15	14:55:10	139.2	5.06	3014.5	13.34	50.03	0.999	10.39	83.67	159.9	536.6	36.63	546.2	153.1
30-Nov-15	14:55:15	139.7	6.02	3014.5	13.34	50.03	0.999	10.39	86.05	159.9	536.7	36.63	546.3	153.1
30-Nov-15	14:55:20	139.3	6.17	3011.2	13.34	50.03	0.999	10.28	84.21	159.9	536.8	36.63	546.3	153.1
30-Nov-15	14:55:25	139.5	7.43	3012.7	13.34	50.03	0.999	10.20	85.93	159.8	536.9	36.63	546.4	153.1
30-Nov-15	14:55:30	139.1	7.25	3013.8	13.34	50.03	0.999	10.31	84.51	159.8	536.9	36.63	546.4	153.1
30-Nov-15	14:55:35	139.2	6.03	3015.3	13.34	50.03	0.999	10.21	84.49	159.8	536.9	36.63	546.4	153.1
30-Nov-15	14:55:40	139.6	4.64	3015.2	13.34	50.03	0.999	10.31	85.00	159.9	536.8	36.63	546.4	153.1
30-Nov-15	14:55:45	139.8	6.36	3010.1	13.34	50.03	0.999	10.21	84.69	159.9	536.8	36.63	546.4	153.1
30-Nov-15	14:55:50	139.5	9.13	3007.2	13.34	50.03	0.998	10.31	85.93	159.9	536.8	36.63	546.4	153.1
30-Nov-15	14:55:55	139.4	6.76	3005.6	13.34	49.92	0.999	10.21	84.07	159.8	536.8	36.63	546.4	153.1
30-Nov-15	14:56:00	139.2	6.79	3006.4	13.34	49.92	0.999	10.21	86.40	159.7	536.8	36.63	546.4	153.1
30-Nov-15	14:56:05	139.0	7.39	3007.4	13.34	49.92	0.999	10.33	83.96	159.7	536.8	36.63	546.4	153.1
30-Nov-15	14:56:10	139.0	5.68	3009.6	13.34	49.92	0.999	10.33	86.21	159.7	536.7	36.63	546.3	153.1
30-Nov-15	14:56:15	139.0	5.95	3011.3	13.34	49.92	0.999	10.52	84.40	159.8	536.6	36.63	546.2	153.1
30-Nov-15	14:56:20	139.1	5.91	3010.4	13.34	49.92	0.999	10.41	85.76	159.8	536.5	36.63	546.2	153.1
30-Nov-15	14:56:25	139.0	8.19	3011.2	13.34	49.92	0.998	10.41	84.45	159.8	536.5	36.63	546.2	153.1
30-Nov-15	14:56:30	139.2	5.47	3011.5	13.34	49.92	0.999	10.41	85.39	159.8	536.5	36.63	546.2	153.1
30-Nov-15	14:56:35	138.9	6.20	3009.0	13.34	49.92	0.999	10.41	84.18	159.7	536.5	36.63	546.2	153.1
30-Nov-15	14:56:40	138.8	7.29	3008.4	13.34	49.92	0.999	10.08	86.12	159.7	536.5	36.63	546.2	153.1
30-Nov-15	14:56:45	138.8	6.92	3007.3	13.34	49.92	0.999	10.33	83.85	159.7	536.5	36.63	546.1	153.1
30-Nov-15	14:56:50	138.6	6.75	3009.6	13.34	49.92	0.999	10.44	86.77	159.5	536.5	36.63	546.1	153.1
30-Nov-15	14:56:55	138.8	6.55	3012.0	13.34	50.03	0.999	10.44	85.89	159.5	536.4	36.63	545.9	153.1
30-Nov-15	14:57:00	139.0	5.81	3012.0	13.34	50.03	0.999	10.44	83.84	159.5	536.3	36.63	545.9	153.1
30-Nov-15	14:57:05	138.9	6.87	3009.6	13.34	50.03	0.999	10.34	86.33	159.7	536.3	36.63	545.8	153.1
30-Nov-15	14:57:10	138.9	7.04	3008.8	13.34	50.03	0.999	10.34	83.87	159.8	536.2	36.63	545.8	153.1
30-Nov-15	14:57:15	138.9	7.58	3011.4	13.34	50.03	0.999	10.34	86.71	159.8	536.2	36.63	545.8	153.1
30-Nov-15	14:57:20	139.3	4.84	3012.0	13.34	50.03	0.999	10.34	84.79	160.0	536.2	36.63	545.8	153.1
30-Nov-15	14:57:25	139.0	7.78	3011.2	13.34	50.03	0.998	10.34	84.68	160.1	536.3	36.63	546.1	153.1
30-Nov-15	14:57:30	139.1	6.95	3011.1	13.34	50.03	0.999	10.34	85.73	160.1	536.6	36.63	546.2	153.1
30-Nov-15	14:57:35	139.6	7.03	3010.4	13.34	50.03	0.999	10.34	84.00	160.1	536.7	36.63	546.3	153.1
30-Nov-15	14:57:40	139.4	8.92	3006.4	13.34	49.92	0.998	10.34	85.92	160.0	536.8	36.63	546.4	153.1
30-Nov-15	14:57:45	139.2	8.86	3005.6	13.34	49.92	0.998	10.34	84.38	160.0	536.9	36.63	546.4	153.1
30-Nov-15	14:57:50	139.8	7.89	3005.6	13.34	49.92	0.998	10.23	86.36	160.0	537.0	36.63	546.4	153.1
30-Nov-15	14:57:55	139.5	8.69	3004.8	13.34	49.92	0.998	10.23	84.25	159.9	537.0	36.63	546.4	153.1
30-Nov-15	14:58:00	139.4	7.98	3005.3	13.34	49.92	0.998	10.23	86.13	159.9	537.0	36.63	546.4	153.1
30-Nov-15	14:58:05	139.0	8.29	3006.2	13.34	49.92	0.998	10.53	84.23	160.0	536.8	36.63	546.4	153.1
30-Nov-15	14:58:10	139.3	7.45	3010.9	13.34	49.92	0.999	10.41	85.83	160.2	536.8	36.63	546.4	153.1
30-Nov-15	14:58:15	139.8	6.14	3009.6	13.34	49.92	0.999	10.31	84.41	160.2	536.8	36.63	546.4	153.1
30-Nov-15	14:58:20	139.9	6.52	3005.6	13.34	49.92	0.999	10.31	85.65	160.2	536.9	36.63	546.5	153.1
30-Nov-15	14:58:25	139.7	10.04	3003.8	13.34	49.92	0.997	10.08	83.92	160.3	537.0	36.73	546.6	153.1
30-Nov-15	14:58:30	140.0	7.57	3002.8	13.34	49.92	0.999	10.19	86.42	160.2	537.1	36.73	546.7	153.1
30-Nov-15	14:58:35	139.8	8.02	2996.8	13.34	49.82	0.998	10.19	83.95	160.2	537.1	36.73	546.7	153.1
30-Nov-15	14:58:40	139.7	9.74	2994.8	13.34	49.82	0.998	10.19	86.48	160.2	537.2	36.73	546.7	153.1
30-Nov-15	14:58:45	139.6	10.62	2995.8	13.34	49.82	0.997	10.19	83.78	160.2	537.2	36.73	546.7	153.1
30-Nov-15	14:58:50	139.4	9.25	2996.6	13.34	49.82	0.998	10.19	86.36	160.2	537.2	36.73	546.7	153.1
30-Nov-15	14:58:55	139.6	7.34	2997.6	13.34	49.82	0.999	10.19	84.99	160.2	537.2	36.73	546.7	153.1
30-Nov-15	14:59:00	139.9	8.04	2994.8	13.34	49.82	0.998	10.19	85.19	160.3	537.1	36.73	546.7	153.1
30-Nov-15	14:59:05	139.8	7.86	2992.3	13.34	49.72	0.998	10.09	85.66	160.5	537.1	36.73	546.7	153.2
30-Nov-15	14:59:10	139.9	10.71	2996.9	13.47	49.72	0.997	10.21	83.94	160.6	537.1	36.73	546.7	153.2
30-Nov-15	14:59:15	140.0	8.14	2996.8	13.35	49.72	0.998	10.21	86.38	160.6	537.1	36.73	546.8	153.2
30-Nov-15	14:59:20	140.1	9.77	2995.9	13.35	49.72	0.998	10.21	84.37	160.6	537.2	36.73	546.9	153.2
30-Nov-15	14:59:25	139.9	8.53	2996.8	13.35	49.72	0.998	10.21	85.67	160.6	537.3	36.73	547.0	153.2
30-Nov-15	14:59:30	140.3	7.38	2999.0	13.35	49.72	0.999	10.21	85.32	160.6	537.4	36.73	547.0	153.2
30-Nov-15	14:59:35	140.2	7.12	2994.2	13.35	49.72	0.999	10.10	84.75	160.6	537.5	36.73	547.0	153.2
30-Nov-15	14:59:40	140.0	9.71	2993.5	13.35	49.72	0.998	10.53	86.33	160.6	537.5	36.73	547.0	153.2
30-Nov-15	14:59:45	140.5	8.50	2993.6	13.35	49.72	0.998	10.26	84.03	160.9	537.5	36.73	547.0	153.2
30-Nov-15	14:59:50	140.0	11.47	2993.5	13.35	49.72	0.997	10.26	86.58	160.9	537.5	36.83	547.1	153.2
30-Nov-15	14:59:55	140.5	8.12	2996.6	13.35	49.72	0.998	10.26	84.29	161.0	537.6	36.83	547.3	153.2
30-Nov-15	15:00:00	140.2	8.69	2994.1	13.35	49.72	0.998	10.26	85.36	161.0	537.7	36.83	547.4	153.2



ABOUT DNV GL

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business. We provide classification and technical assurance along with software and independent expert advisory services to the maritime, oil and gas, and energy industries. We also provide certification services to customers across a wide range of industries. Operating in more than 100 countries, our 16,000 professionals are dedicated to helping our customers make the world safer, smarter and greener.