

Daily System Generation Summary on Sunday

Sunday, April 07, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,516 MW
Distillate	0 MW
Total TNB	2,516 MW
Total IPP	15,771 MW
Total Co-Gen	87 MW
Total System	21,453 MW

Generation Mix

Type	MWh	Percentage
Hydro	6,068	1.83 %
Gas	37,949	11.45 %
Total TNB	44,017	13.28 %
ST-Coal	181,163	54.67 %
LSS	1,589	0.48 %
Gas	102,208	30.84 %
Total IPP	284,960	85.99 %
Co-Gen	1,655	0.50 %
Total Co-Gen	1,655	0.50 %
Total Generation	330,632	99.77 %
PLTG	-242	-0.07 %
HVDC	-521	-0.16 %
Interconnection	-763	-0.23 %
Net Energy	331,395	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	17,313 MW
TNB Generation	2,245 MW
IPP Generation	13,277 MW
Spinning Reserve	1,722 MW
Maximum Demand	15,614 MW
Net Energy	331,395 MWH
Load Factor	88.43 %

Fuel Cost

Total Cost:	61,276,296.24 RM
Cost per Unit	18.88 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	295
Hydro	357
Syncon	1,004
Thermal	209
Total	1,865

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	51
SRDG	6
TJGS	213
Total TNB	270
CBPS	53
KLPP	106
MPSS	9
NPRI	152
PGLA	106
PLPS	81
PTEK	13
SGB3	58
YPKA	78
Total IPP	656
Total Gas	926

Total Gas Required 926

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	14700	14141	13640	13199	12874	12613	12659	12154	11684	12277	13051	13608	13719	13819	14244	14371	14567	14172	13850	14036	15329	15608	15443	15084

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Sunday

		Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
JMAH	U001		694	698	692	694	692	694	693	693	693	692	693	694	692	689	694	693	695	692	695	692	694	695	673	694	693	693	693	691	693	690	694	694	691	692														
JMAH	U002		691	694	693	693	693	697	695	694	693	693	695	694	694	693	694	696	692	696	694	696	693	689	693	694	692	695	696	693	695	691	694	695	694	693	696	692	693											
JMJG	U001		96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
JMJG	U002		673	672	672	671	676	674	672	676	673	672	671	673	667	668	664	677	671	678	674	671	673	672	678	666	672	673	679	683	672	669	673	672	671	670	673	671	672											
JMJG	U003		668	672	667	670	667	666	671	667	668	672	667	668	671	667	670	666	670	668	686	666	666	669	667	669	671	670	668	668	668	667	671	651	672	671	671	668	671	672	669	673								
JMJG	U004		976	977	978	979	973	891	806	786	786	786	785	785	785	787	785	783	788	785	785	782	785	783	824	823	823	821	822	823	823	829	914	975	977	978	977	976	976	977	976	977								
JMJG	U005		977	972	973	972	952	776	778	780	782	782	780	778	782	781	781	777	779	782	783	782	780	779	788	787	785	785	791	788	823	821	822	822	823	823	822	839	949	971	970	970	968	970	965	969	970	968	970	964
PKLG	U003		287	281	284	283	284	282	285	282	280	281	282	283	284	284	283	282	282	281	281	282	282	281	282	280	281	282	281	280	284	284	283	283	285	285	284	283	285	283	283	284	282	283	282	285	280	282		
PKLG	U004		280	279	280	279	280	280	280	279	279	281	281	279	280	290	280	280	280	279	279	282	281	279	282	281	279	278	277	279	279	275	276	280	277	278	279	280	277	280	280	279	275	280	279	278	278	277	278	
PKLG	U005		469	469	469	469	468	470	470	469	470	470	468	468	469	470	468	469	468	469	471	469	468	470	469	468	469	469	469	468	469	470	470	472	468	468	469	470	468	468	468	468	468	468	470	468	468			
TBIN	U001		691	690	691	690	689	688	689	688	687	691	694	685	692	690	690	690	690	691	691	692	687	689	692	688	691	690	687	689	692	689	689	690	690	690	691	690	687	694	687	692	682	690	690	691	689	690		
TBIN	U002		689																																															

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