

Daily System Generation Summary on Saturday

Saturday, January 11, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,282 MW
Distillate	0 MW
Total TNB	2,282 MW
Total IPP	16,424 MW
Total Co-Gen	0 MW
Total System	20,826 MW

Generation Mix

Type	MWh	Percentage
Hydro	9,209	2.67 %
Gas	21,506	6.22 %
Total TNB	30,715	8.89 %
ST-Coal	220,683	63.87 %
LSS	1,607	0.47 %
Gas	92,083	26.65 %
Total IPP	314,373	90.99 %
Co-Gen	270	0.08 %
Total Co-Gen	270	0.08 %
Total Generation	345,358	99.96 %
PLTG	556	0.16 %
HVDC	-701	-0.20 %
Interconnection	-145	-0.04 %
Net Energy	345,503	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:	20:30:00 Hour
Total Set On Bus	17,370 MW
TNB Generation	1,862 MW
IPP Generation	14,024 MW
Spinning Reserve	1,476 MW
Maximum Demand	15,888 MW
Net Energy	345,503 MWH
Load Factor	90.61 %

Fuel Cost

Total Cost:	54,611,357.04 RM
Cost per Unit	15.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	368
Hydro	261
Syncon	1,062
Thermal	251
Total	1,942

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmcsfd)
GLGR	50
TJGS	105
Total TNB	155
CBPS	53
KLPP	94
MPSS	1
NPRI	155
PGLA	107
PLPS	89
SGB3	4
SGRI	49
YPKA	2
Total IPP	554
Total Gas	709
Total Gas Required	709

Alternate Fuel Usage

Station	(mmcsfd)
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	14929	14209	13745	13359	12973	12823	12838	12767	12488	13643	14471	14993	14953	14629	15050	15330	15350	15177	14775	14904	15837	15798	15370	14968

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, March 09, 2020 1:12:12 PM

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

Daily MW Generation on Saturday

		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	U002		694	696	696	693	695	693	698	695	695	696	694	694	693	694	694	692	695	694	691	696	697	695	694	695	695	692	695	692	695	689	697	694	695	693	696	694												
JMHE	U001		980	980	918	875	838	775	778	782	782	778	781	779	780	780	778	782	779	833	961	962	961	963	958	960	960	955	961	960	955	960	962	959	957	960	960	957	962	979	978	980	979	981	980	981	979	979	982	
JMHE	U002		980	981	875	875	789	777	781	780	779	777	781	779	779	777	782	780	778	781	778	781	916	960	956	961	960	956	958	962	958	956	960	960	958	962	982	978	980	980	979	980	979	979	979	985				
JMJG	U001		674	673	676	677	669	671	673	674	667	673	670	676	667	673	677	672	677	671	669	668	673	669	677	673	668	668	672	671	666	658	671	674	677	673	657	669	669	672	666	667	668	664	666	667	665			
JMJG	U003		668	668	667	667	662	675	666	665	669	664	670	671	667	666	662	672	667	662	666	658	663	671	680	663	664	660	662	666	667	666	667	667	664	662	667	664	662	664	664	660	661	664						
JMJG	U005		977	977	924	878	829	785	777	785	782	785	786	787	785	787	786	787	788	823	932	963	959	960	960	962	958	958	962	958	956	961	963	962	958	961	959	958	969	981	980	982	983	980	980	977	983	980	981	
PKLG	U003		284	283	282	282	284	283	281	281	284	279	281	280	283	282	281	283	284	284	280	282	282	282	282	284	282	281	281	282	281	280	281	280	284	277	277	278	279	279	277	277	275	275	277	273	280	278	275	
PKLG	U004		282	281	281	278	280	280	280	280	278	277	286	285	281	283	285	281	279	283	286	283	281	280	283	284	281	279	281	285	278	283	279	274	276	281	286	279	282	281	277	282	282	280	280	282	281	279	278	251
PKLG	U005		467	467	470	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	465	467	467	469	465	466	467	468	466	467	467	466	467	466	468	468	468	468	468	468	466	467	468	468	466	468	466	467		
PKLG	U006		449	448	448	448	449	448	449	448	447	451	446	449	448	446	449	447	445	446	447	449	449	449	444	448	457	450	445	446	448	449	447	448	449	447	448	446	449	450	445	447	449	367	366	396	439	449		
TBIN	U001		690	690																																														

Daily MW Generation on Saturday

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