

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,122 MW
Distillate	0 MW
Total TNB	2,122 MW
Total IPP	17,900 MW
Total Co-Gen	0 MW
Total System	22,853 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,076	4.88 %
Gas	34,115	8.72 %
Total TNB	53,191	13.59 %
ST-Coal	254,402	65.02 %
LSS	3,840	0.98 %
Gas	79,027	20.20 %
Total IPP	337,269	86.20 %
Co-Gen	1,253	0.32 %
Total Co-Gen	1,253	0.32 %
Total Generation	391,713	100.11 %
PLTG	1,126	0.29 %
HVDC	-695	-0.18 %
Interconnection	431	0.11 %
Net Energy	391,282	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,766 MW
TNB Generation	3,091 MW
IPP Generation	15,462 MW
Spinning Reserve	1,160 MW
Maximum Demand	18,585 MW
Net Energy	391,282 MWH
Load Factor	87.72 %

Fuel Cost

Total Cost:	85,361,866.00 RM
Cost per Unit	21.79 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	509
Hydro	310
Syncon	457
Thermal	202
Total	1,478

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	48
SRDG	10
TJGS	182
Total TNB	240
CBPS	47
KLPP	83
NPRI	144
PGLA	104
PLPS	69
SGB3	34
SKSP	2
Total IPP	483
Total Gas	724
Total Gas Required	724

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	16193	15389	14906	14361	13911	13729	13745	13629	14149	15953	16780	17489	17397	17383	17971	18342	18537	17965	16808	16827	17857	17674	17238	17040

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 3, 2021 1:10:32 PM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

Station	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	690	689	682	693	695	685	691	652	652	653	652	652	496	506	690	695	702	712	739	713	712	717	711	715	707	711	715	697	679	693	692	692	696	691	705	693	692	695	693	694	691	698	693	691	692	687				
JMAH	U002	694	693	694	691	695	692	695	692	655	658	656	655	655	657	655	689	698	694	694	696	694	696	695	685	696	694	696	697	694	697	695	690	694	697	699	696	695	697	696	694	695	696	700	695	696	694	697	695			
JMHE	U001	977	981	981	969	950	952	946	898	897	899	853	850	847	849	850	853	852	943	978	978	978	980	980	980	982	978	974	978	981	981	979	980	982	986	983	980	979	979	980	982	982	977	981	980	974	978	982	980			
JMHE	U002	978	981	981	970	952	950	950	898	900	900	846	845	844	841	849	853	852	951	978	980	978	980	980	983	983	967	977	979	981	980	977	981	978	980	984	978	977	981	983	980	981	979	980	978	975	978	985	978			
JMJG	U001	672	672	671	662	673	673	672	607	585	636	672	668	671	671	670	673	672	678	667	672	671	673	677	671	672	669	672	672	672	672	672	672	669	666	671	671	673	672	658	570	575	565	565	568	568	568	558				
JMJG	U002	671	673	672	672	677	672	673	671	672	669	675	672	672	674	671	673	671	678	671	675	670	673	671	673	674	673	672	672	672	672	672	672	677	673	676	671	673	673	656	575	585	579	577	576	579	579	573				
JMJG	U003	400	400	433	433	530	530	530	530	600	600	650	690	690	690	690	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	630	570	570	570	570	570	570	570	570				
JMJG	U004	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	0	0	0	0	0	0	0	0	0	0	0	0					
JMJG	U005	731	760	762	764	781	781	804	890	885	886	847	850	848	854	852	851	850	891	892	888	891	890	892	891	892	892	891	891	891	891	891	891	889	894	890	888	894	892	888	892	888	892	895	892	925	903	900	899	902		
PKLG	U003	279	280	278	281	281	277	229	156	154	154	154	155	156	154	154	155	253	270	278	276	281	277	278	278	278	278	278	278	278	276	281	278	279	276	279	282	281	279	280	276	279	278	278	280	281	278	279				
PKLG	U004	276	275	279	277	276	274	215	153	154	155	154	152	157	158	158	158	157	256	277	277	270	275	274	277	277	278	278	278	278	277	279	279	279	275	278	275	280	280	278	278	276	275	276	279	277	281	278	277			
PKLG	U005	465	468	472	465	464	426	356	359	358	363	360	360	359	359	359	360	357	432	472	465	473	463	466	468	470	462	466	469	466	466	466	466	468	466	464	466	466	465	464	468	472	468	466	464	466	468					
PKLG	U006	444	444	445	443	444	445	409	358	358	358	358	357	358	358	389	439	444	442	443	443	444	442	442	443	443	443	443	443	444	444	444	444	445	445	446	443	444	444	443	444	443	444	443	442	442	441	442	444			
TBIN	U001	688	689	690	688	689	689	688	647	649	597	602	601	599	599	599	600	664	690	691	685	691	691	689	687	691	692	689	690	690	690	691	690	689	689	686	689	686	687	691	687	687	690	688	689	689	689	688	686	689	689	688
TBIN	U002	690	691	691	690	690	692	692	654	654	600	602	603	602	603	602	602	602	670	689	691	690	693	692	692	691	691	692	690	690	691	690	691	690	689	691	692	693	685	690	691	692	691	692	689	690	692	691	686	702	691	
TBIN	U003	689	689	689	689	692	691	689	653	652	602	603	602	601	603	602	602	671	690	694	691	688	689	692	691	690	689	693	690	691	690	691	692	690	691	692	693	691	690	691	692	693	691	692	691	690	692	687	690			
TBIN	U004	983	982	982	981	953	954	953	902	903	855	855	854	853	854	853	936	984	983	982	982	982	982	982	982	984	983	983	983	986	981	984	983	983	983	983	983	985	983	984	982	983	982	983	983	983	983	983	983	983	983	
Total ST-Coal		10331103681040910357104401039310186 9760 9727 9632 9540 9567 9565 9575 9450 9557 9940 10602107881079710822108041080310801108181079510784108771100510980109771099411015110161099411064111601118311189112081107511049110451107111033110351110411128																																																		
Total ST-Oil		0 0																																																		

Daily MW Generation on Wednesday

[illegible]

Daily MW Generation on Wednesday

[illegible]