

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,475 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,475 MW</b>
<b>Total IPP</b>	<b>16,324 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>22,224 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	20,574	6.80 %
Gas	37,006	12.23 %
<b>Total TNB</b>	<b>57,580</b>	<b>19.03 %</b>
ST-Coal	197,064	65.14 %
LSS	3,355	1.11 %
Gas	43,889	14.51 %
<b>Total IPP</b>	<b>244,308</b>	<b>80.75 %</b>
Co-Gen	2,056	0.68 %
<b>Total Co-Gen</b>	<b>2,056</b>	<b>0.68 %</b>
<b>Total Generation</b>	<b>303,944</b>	<b>100.46 %</b>
PLTG	677	0.22 %
HVDC	721	0.24 %
<b>Interconnection</b>	<b>1,398</b>	<b>0.46 %</b>
<b>Net Energy</b>	<b>302,546</b>	<b>100.00 %</b>

### 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:	20:00:00 Hour
Total Set On Bus	15,788 MW
TNB Generation	3,628 MW
IPP Generation	11,047 MW
Spinning Reserve	1,028 MW
Maximum Demand	14,731 MW
Net Energy	302,546 MWH
Load Factor	85.58 %

### Fuel Cost

Total Cost:	38,049,744.66 RM
Cost per Unit	12.51 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	511
Hydro	227
Syncon	683
Thermal	368
<b>Total</b>	<b>1,789</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	26

### 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	13635	13148	12533	12085	11810	11533	11484	11353	10757	11021	11492	11785	12100	12218	12639	12802	12993	13026	12879	13194	14731	14720	14389	14216

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, March 5, 2021 3:46:57 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator





### Daily MW Generation on Saturday

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																										
SRev ST-Coal		384	388	384	383	391	388	390	388	399	380	377	382	378	383	396	383	378	410	426	402	410	430	408	426	412	425	430	389	414	414	491	488	497	496	483	488	510	501	459	319	186	164	191	172	190	164	209	403		
SRev CCGT-Gas		156	209	201	164	174	360	544	786	489	510	401	306	292	344	480	662	732	719	721	736	771	788	768	855	747	749	858	677	594	383	326	208	229	273	255	192	472	386	274	203	155	172	144	183	175	223	146	137		
SRev LSS		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	0	0	0	
SRev ST-Gas		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	0	0	0	0
SRev OCGT-Gas		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	0	0	0	0
SRev Co-Gen		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	0	0	0	0
Syncon		615	702	738	651	802	889	889	889	889	615	464	889	889	889	889	889	976	976	889	889	738	889	889	889	889	889	889	889	738	889	889	889	702	702	702	428	615	889	738	738	428	151	151	151	277	277	277	277	277	
Hydro		343	299	283	285	179	127	133	125	130	227	375	128	127	117	68	111	79	66	43	100	235	108	95	139	137	97	95	212	64	35	51	196	203	234	328	246	107	282	434	440	541	563	570	508	554	557	486	483		
S.Reserve Total		1498	1598	1606	1483	1546	1764	1956	2188	1907	1732	1617	1705	1686	1733	1833	2045	2165	2171	2079	2127	2154	2215	2160	2309	2185	2160	2272	2016	1961	1721	1757	1594	1631	1705	1494	1541	1978	1907	1905	1390	1033	1050	1056	1140	1196	1221	1118	1300		