

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,896 MW
Distillate	0 MW
<b>Total TNB</b>	<b>1,896 MW</b>
<b>Total IPP</b>	<b>15,041 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>20,579 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	25,745	6.97 %
Gas	49,790	13.47 %
<b>Total TNB</b>	<b>75,535</b>	<b>20.44 %</b>
ST-Coal	191,317	51.77 %
LSS	3,416	0.92 %
Gas	97,149	26.29 %
<b>Total IPP</b>	<b>291,882</b>	<b>78.99 %</b>
Co-Gen	1,450	0.39 %
<b>Total Co-Gen</b>	<b>1,450</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>368,867</b>	<b>99.82 %</b>
PLTG	31	0.01 %
HVDC	-700	-0.19 %
<b>Interconnection</b>	<b>-669</b>	<b>-0.18 %</b>
<b>Net Energy</b>	<b>369,536</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:	16:00:00 Hour
Total Set On Bus	18,668 MW
TNB Generation	3,867 MW
IPP Generation	13,464 MW
Spinning Reserve	1,273 MW
Maximum Demand	17,469 MW
Net Energy	369,536 MWH
Load Factor	88.14 %

### Fuel Cost

Total Cost:	44,419,831.41 RM
Cost per Unit	12.04 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,063
Hydro	317
Syncon	270
Thermal	120
<b>Total</b>	<b>1,770</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	55
TJGS	160
<b>Total TNB</b>	<b>216</b>
CBPS	54
KLPP	99
NPRI	139
PGLA	109
PLPS	62
SGB3	58
YPKA	75
<b>Total IPP</b>	<b>596</b>
<b>Total Gas</b>	<b>811</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

**Total Gas Required 811**

### 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	15358	14593	13931	13551	13223	12982	13044	13156	13371	15030	15776	16310	16317	16161	16869	17307	17469	17081	15886	15534	16974	16822	16319	16073

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, March 5, 2021 3:51:54 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator





