

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,620	MW
Hydro	1,679	MW
Distillate	452	MW
<b>Total TNB</b>	<b>7,821</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,185</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>40</b>	<b>MW</b>
<b>System Total</b>	<b>19,046</b>	<b>MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 14:30	
TNB Generation	6,775 MW
IPP Generation	9,780 MW
Total Set On Bus	17,636 MW
Maximum Demand	16,651 MW
Spinning Reserve	1,041 MW
Net Energy	351,118 MWH
Load Factor	87.9 %
Total Cost	66,812,702 RM
Cost per Unit	19.76 cents/kWH

**Maximum Demand Record**

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	14428	13742	13270	12917	12554	12349	12392	12109	12556	14525	15510	16257	16235	15862	16282	16530	16493	16070	14999	14624	15657	15582	15126	14927

**Gas Usage**

Station	(mmscfd)
CBPS	55
GLGR	58
PAKA	191
PGPS	44
SRDG	4
TJGS	211
<b>TNB Total</b>	<b>564</b>
KLPP	107
PGLA	102
PLPS	15
SGRI	83
SKSP	37
YPGS	66
YPKA	67
<b>IPP Total</b>	<b>478</b>
<b>Total Gas</b>	<b>1,042</b>

Total Gas Required : 1,464  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
CBPS	8
PDPS	34
PGGS	3
PKLG	132
PLPS	100
PTEK	25
SGRI	94
SRDG	27
<b>Total</b>	<b>421</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,335.00	13.77 %
Gas	72,977.00	20.78 %
Hydro	12,823.00	3.65 %
Distillate	3,396.00	0.97 %
<b>Total TNB</b>	<b>137,531.0</b>	<b>39.17 %</b>
ST-Coal	105,932.0	30.17 %
ST-Oil	12,973.0	3.69 %
Gas	64,228.0	18.29 %
Distillate	29,021.0	8.27 %
<b>Total IPP</b>	<b>212,154.0</b>	<b>60.42 %</b>
Co-Gen	1,206.0	0.34 %
<b>Total Co-Gen</b>	<b>1,206.0</b>	<b>0.34 %</b>
<b>Total Generation</b>	<b>350,891.0</b>	<b>99.94 %</b>
PLTG	-346.0	-0.10 %
HVDC	119.0	0.03 %
Interconnection	-227.0	-0.06 %
<b>Net Energy</b>	<b>351,118.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	417
Hydro	281
Syncon	312
Thermal	74
<b>Total</b>	<b>1084</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Cloudy	35





