

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,750 MW
Hydro	1,661 MW
Distillate	100 MW
<b>Total TNB</b>	<b>6,961 MW</b>
<b>Total IPP</b>	<b>10,074 MW</b>
<b>Total Co-Gen</b>	<b>40 MW</b>
<b>System Total</b>	<b>17,075 MW</b>

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

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,979 MW
IPP Generation	8,840 MW
Total Set On Bus	14,739 MW
Maximum Demand	13,784 MW
Spinning Reserve	880 MW
Net Energy	298,399 MWH
Load Factor	90.2 %
Total Cost	46,868,451 RM
Cost per Unit	16.33 cents/kWH

**Maximum Demand Record**

<b>Date :</b>	13/05/2013	16,562.0 MW
<b>Date :</b>	25/06/2013	345,254.0 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	12976	12428	11991	11614	11156	11223	11155	11076	10583	11641	12422	13071	13110	12719	13026	13178	13270	12895	12321	12580	13693	13690	13328	13135

**Gas Usage**

Station	(mmscfd)
CBPS	57
GLGR	64
PAKA	142
PGPS	31
SRDG	4
TJGS	112
<b>TNB Total</b>	<b>411</b>
KLPP	108
MPSS	60
PGLA	117
PLPS	74
SGB3	45
SGRI	163
SKSP	54
YPGS	67
YPKA	131
<b>IPP Total</b>	<b>819</b>
<b>Total Gas</b>	<b>1,230</b>
<b>Total Gas Required :</b>	<b>1,404</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	10
PKLG	136
SGRI	28
<b>Total</b>	<b>174</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,017.00	11.06 %
Gas	52,888.00	17.72 %
Hydro	12,166.00	4.08 %
Distillate	833.00	0.28 %
<b>Total TNB</b>	<b>98,904.0</b>	<b>33.14 %</b>
ST-Coal	74,064.0	24.82 %
ST-Oil	13,417.0	4.50 %
Gas	109,201.0	36.60 %
Distillate	2,248.0	0.75 %
<b>Total IPP</b>	<b>198,930.0</b>	<b>66.67 %</b>
Co-Gen	1,344.0	0.45 %
<b>Total Co-Gen</b>	<b>1,344.0</b>	<b>0.45 %</b>
<b>Total Generation</b>	<b>299,178.0</b>	<b>100.26 %</b>
PLTG	57.0	0.02 %
HVDC	722.0	0.24 %
<b>Interconnection</b>	<b>779.0</b>	<b>0.26 %</b>
<b>Net Energy</b>	<b>298,399.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	318
Hydro	134
Syncon	376
Thermal	32
<b>Total</b>	<b>861</b>

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	33





