

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	4,415 MW
Hydro	1,661 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,526 MW</b>
<b>Total IPP</b>	<b>10,774 MW</b>
<b>Total Co-Gen</b>	<b>41 MW</b>
<b>System Total</b>	<b>18,341 MW</b>

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

At Daily Maximum Demand Hour : 16:30	
TNB Generation	5,748 MW
IPP Generation	10,011 MW
Total Set On Bus	16,778 MW
Maximum Demand	15,823 MW
Spinning Reserve	978 MW
Net Energy	324,491 MWH
Load Factor	85.4 %
Total Cost	59,717,165 RM
Cost per Unit	19.08 cents/kWH

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	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	12542	12085	11548	11143	11046	10727	10885	11062	11592	13414	14287	14962	15144	14774	15431	15758	15791	15523	14388	13741	14863	14836	14436	14237

**Gas Usage**

Station	(mmscfd)
CBPS	46
GLGR	64
PAKA	147
PGPS	43
SRDG	46
TJGS	201
<b>TNB Total</b>	<b>548</b>
KLPP	105
MPSS	49
PDPS	9
PGLA	98
PKLG	40
PLPS	77
PTEK	3
SGB3	60
SGRI	182
SKSP	38
YPGS	67
YPKA	130
<b>IPP Total</b>	<b>857</b>
<b>Total Gas</b>	<b>1,405</b>
<b>Total Gas Required :</b>	<b>1,487</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	70
SGB3	6
SGRI	6
<b>Total</b>	<b>81</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,084.00	10.20 %
Gas	69,963.00	21.56 %
Hydro	11,550.00	3.56 %
<b>Total TNB</b>	<b>114,597.0</b>	<b>35.32 %</b>
ST-Coal	89,471.0	27.57 %
ST-Gas	3,807.0	1.17 %
ST-Oil	6,876.0	2.12 %
Gas	107,095.0	33.00 %
Distillate	1,386.0	0.43 %
<b>Total IPP</b>	<b>208,635.0</b>	<b>64.30 %</b>
Co-Gen	1,324.0	0.41 %
<b>Total Co-Gen</b>	<b>1,324.0</b>	<b>0.41 %</b>
<b>Total Generation</b>	<b>324,556.0</b>	<b>100.02 %</b>
PLTG	673.0	0.21 %
HVDC	-608.0	-0.19 %
<b>Interconnection</b>	<b>65.0</b>	<b>0.02 %</b>
<b>Net Energy</b>	<b>324,491.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	343
Hydro	152
Syncon	346
Thermal	104
<b>Total</b>	<b>945</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 33





