

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,990 MW
ST-Gas	80 MW
ST-Oil	80 MW
Gas	4,331 MW
Hydro	1,764 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,245 MW</b>
<b>Total IPP</b>	<b>10,162 MW</b>
<b>Total Co-Gen</b>	<b>72 MW</b>
<b>System Total</b>	<b>18,479 MW</b>

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

At Daily Maximum Demand Hour : 11:30	
TNB Generation	6,514 MW
IPP Generation	8,240 MW
Total Set On Bus	16,055 MW
Maximum Demand	14,854 MW
Spinning Reserve	1,229 MW
Net Energy	303,378 MWH
Load Factor	85.1 %

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	24/04/2012	320,821.0 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	11441	10874	10552	10309	10010	9909	10249	10306	11112	13149	13972	14670	14681	14142	14558	14444	14530	14305	13315	13133	13758	13519	13065	12451

**Gas Usage**

Station	(mmscfd)
CBPS	47
GLGR	60
PAKA	143
PGPS	24
SRDG	33
TJGS	209
<b>TNB Total</b>	<b>517</b>
KLPP	19
PDPS	6
PGLA	92
PKLG	3
PLPS	109
PTEK	2
SGB3	75
SGRI	47
SKSP	53
YPGS	50
YPKA	114
<b>IPP Total</b>	<b>570</b>
<b>Total Gas</b>	<b>1,087</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	90
<b>Total</b>	<b>90</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,661.00	15.71 %
Gas	66,574.00	21.94 %
Hydro	19,347.00	6.38 %
<b>Total TNB</b>	<b>133,582.0</b>	<b>44.03 %</b>
ST-Coal	84,963.0	28.01 %
ST-Gas	317.0	0.10 %
ST-Oil	8,801.0	2.90 %
Gas	73,399.0	24.19 %
<b>Total IPP</b>	<b>167,480.0</b>	<b>55.21 %</b>
Co-Gen	2,023.0	0.67 %
<b>Total Co-Gen</b>	<b>2,023.0</b>	<b>0.67 %</b>
<b>Total Generation</b>	<b>303,085.0</b>	<b>99.90 %</b>
PLTG	405.0	0.13 %
HVDC	-698.0	-0.23 %
<b>Interconnection</b>	<b>-293.0</b>	<b>-0.10 %</b>
<b>Net Energy</b>	<b>303,378.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	389
Hydro	214
Syncon	343
Thermal	62
<b>Total</b>	<b>1009</b>

**Weather**
**Temperature**

Morning	Cloudy	24
Afternoon	Rainy	29

Total Gas Required : 1,177  
Gas Calorific Value : 38.500





