

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,290	MW
ST-Gas	80	MW
ST-Oil	80	MW
Gas	4,351	MW
Hydro	1,540	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,341</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,055</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>52</b>	<b>MW</b>
<b>System Total</b>	<b>17,448</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 21:00

TNB Generation	5,280	MW
IPP Generation	7,747	MW
Total Set On Bus	13,931	MW
Maximum Demand	13,094	MW
Spinning Reserve	852	MW
Net Energy	275,550	MWH
Load Factor	87.7	%

**Maximum Demand Record**

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	12189	11672	11344	10852	10617	10382	10461	10297	9908	10400	10943	11471	11658	11563	11767	11776	11905	11707	11569	11742	13052	13094	12840	12567

**Gas Usage**

Station	(mmscfd)
CBPS	29
GLGR	55
PAKA	106
PGPS	47
SRDG	6
TJGS	148
<b>TNB Total</b>	<b>389</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	10
PKLG	126
PLPS	0
TJGS	22
<b>Total</b>	<b>159</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	30,717.00	11.15 %
ST-Gas	133.00	0.05 %
ST-Oil	931.00	0.34 %
Gas	50,632.00	18.37 %
Hydro	19,860.00	7.21 %
Distillate	2,936.00	1.07 %
<b>Total TNB</b>	<b>105,209.0</b>	<b>38.18 %</b>
ST-Coal	94,051.0	34.13 %
ST-Oil	12,402.0	4.50 %
Gas	63,204.0	22.94 %
Distillate	37.0	0.01 %
<b>Total IPP</b>	<b>169,694.0</b>	<b>61.58 %</b>
Co-Gen	1,456.0	0.53 %
<b>Total Co-Gen</b>	<b>1,456.0</b>	<b>0.53 %</b>
<b>Total Generation</b>	<b>276,359.0</b>	<b>100.29 %</b>
PLTG	89.0	0.03 %
HVDC	720.0	0.26 %
<b>Interconnection</b>	<b>809.0</b>	<b>0.29 %</b>
<b>Net Energy</b>	<b>275,550.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	415
Hydro	104
Syncon	344
Thermal	61
<b>Total</b>	<b>924</b>

KLPP	4
MPSS	2
PGLA	65
PLPS	66
SGB3	59
SGRJ	63
SKSP	51
YPGS	34
YPKA	136
<b>IPP Total</b>	<b>480</b>

**Total Gas 869**

**Total Gas Required : 1,028**

**Gas Calorific Value : 38,500**

**Weather Temperature**

Weather	Temperature
Morning	Rainy 24
Afternoon	Hot 35





