

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,640 MW
ST-Gas	0 MW
ST-Oil	155 MW
Gas	3,661 MW
Hydro	1,874 MW
Distillate	60 MW
<b>Total TNB</b>	<b>7,390 MW</b>
<b>Total IPP</b>	<b>10,713 MW</b>
<b>Total Co-Gen</b>	<b>85 MW</b>
<b>System Total</b>	<b>18,188 MW</b>

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

At Daily Maximum Demand Hour : 11:30	
TNB Generation	5,302 MW
IPP Generation	8,777 MW
Total Set On Bus	15,073 MW
Maximum Demand	14,271 MW
Spinning Reserve	909 MW
Net Energy	292,903 MWH
Load Factor	85.5 %

**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	11438	10972	10437	10255	9986	10100	10252	10338	11015	12489	13315	13928	14004	13606	13908	14023	13962	13689	12889	12996	13382	13293	12596	11860

**Gas Usage**

Station	(mmscfd)
CBPS	52
GLGR	55
PAKA	129
SRDG	16
TJGS	94
<b>TNB Total</b>	<b>347</b>
KLPP	100
MPSS	27
PGLA	30
PLPS	96
SGB3	77
SGRI	114
SKSP	46
YPGS	68
YPKA	132
<b>IPP Total</b>	<b>692</b>
<b>Total Gas</b>	<b>1,039</b>

Total Gas Required : 1,174  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	29
PKLG	106
<b>Total</b>	<b>135</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	37,069.00	12.66 %
ST-Oil	2,696.00	0.92 %
Gas	45,659.00	15.59 %
Hydro	16,562.00	5.65 %
<b>Total TNB</b>	<b>101,986.0</b>	<b>34.82 %</b>
ST-Coal	85,868.0	29.32 %
ST-Oil	10,308.0	3.52 %
Gas	91,679.0	31.30 %
<b>Total IPP</b>	<b>187,855.0</b>	<b>64.14 %</b>
Co-Gen	2,145.0	0.73 %
<b>Total Co-Gen</b>	<b>2,145.0</b>	<b>0.73 %</b>
<b>Total Generation</b>	<b>291,986.0</b>	<b>99.69 %</b>
PLTG	-221.0	-0.08 %
HVDC	-696.0	-0.24 %
<b>Interconnection</b>	<b>-917.0</b>	<b>-0.31 %</b>
<b>Net Energy</b>	<b>292,903.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	349
Hydro	121
Syncon	461
Thermal	52
<b>Total</b>	<b>984</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 31





