

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,290 MW
ST-Gas	0 MW
ST-Oil	100 MW
Gas	3,072 MW
Hydro	1,688 MW
Distillate	730 MW
<b>Total TNB</b>	<b>6,880 MW</b>
<b>Total IPP</b>	<b>10,695 MW</b>
<b>Total Co-Gen</b>	<b>78 MW</b>
<b>System Total</b>	<b>17,653 MW</b>

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

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,503 MW
IPP Generation	9,115 MW
Total Set On Bus	15,540 MW
Maximum Demand	14,787 MW
Spinning Reserve	844 MW
Net Energy	303,942 MWH
Load Factor	85.6 %

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	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	11736	11195	10755	10575	10226	10367	10663	10809	11239	12626	13799	14442	14316	13897	14429	14529	14580	14001	13134	13548	13730	13555	13039	12203

**Gas Usage**

Station	(mmscfd)
CBPS	44
GLGR	55
PAKA	136
SRDG	18
TJGS	66
<b>TNB Total</b>	<b>319</b>
KLPP	40
MPSS	43
PLPS	74
SGRI	142
SKSP	50
YPGS	34
YPKA	142
<b>IPP Total</b>	<b>524</b>
<b>Total Gas</b>	<b>843</b>

**Total Gas Required :** 1,142  
**Gas Calorific Value :** 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	48
PGPS	24
PKLG	127
PLPS	23
TJGS	76
<b>Total</b>	<b>299</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	29,359.00	9.66 %
ST-Oil	2,285.00	0.75 %
Gas	44,715.00	14.71 %
Hydro	19,032.00	6.26 %
Distillate	8,079.00	2.66 %
<b>Total TNB</b>	<b>103,470.0</b>	<b>34.04 %</b>
ST-Coal	106,134.0	34.92 %
ST-Oil	12,481.0	4.11 %
Gas	69,946.0	23.01 %
Distillate	9,160.0	3.01 %
<b>Total IPP</b>	<b>197,721.0</b>	<b>65.05 %</b>
Co-Gen	2,052.0	0.68 %
<b>Total Co-Gen</b>	<b>2,052.0</b>	<b>0.68 %</b>
<b>Total Generation</b>	<b>303,243.0</b>	<b>99.77 %</b>
PLTG	-3.0	0.00 %
HVDC	-696.0	-0.23 %
<b>Interconnection</b>	<b>-699.0</b>	<b>-0.23 %</b>
<b>Net Energy</b>	<b>303,942.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	398
Hydro	169
Syncon	338
Thermal	47
<b>Total</b>	<b>952</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





