

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,206 MW
Hydro	1,710 MW
Distillate	210 MW
<b>Total TNB</b>	<b>8,256 MW</b>
<b>Total IPP</b>	<b>11,572 MW</b>
<b>Total Co-Gen</b>	<b>89 MW</b>
<b>System Total</b>	<b>19,917 MW</b>

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

At Daily Maximum Demand Hour : 14:30		
TNB Generation	6,096 MW	
IPP Generation	8,367 MW	
Total Set On Bus	15,457 MW	
Maximum Demand	14,521 MW	
Spinning Reserve	905 MW	
Net Energy	305,404 MWH	
Load Factor	87.6 %	

**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	12279	11800	11347	11173	10546	10281	10805	10923	11111	12928	13746	14268	14279	13984	14310	14402	14320	14011	13220	13063	13666	13443	12777	12423

**Gas Usage**

Station	(mmscfd)
CBPS	41
GLGR	52
PAKA	132
PGPS	50
SRDG	6
TJGS	148
<b>TNB Total</b>	<b>430</b>
KLPP	98
MPSS	48
PGLA	86
PLPS	98
SGB3	56
SGRI	30
SKSP	47
YPGS	65
YPKA	137
<b>IPP Total</b>	<b>665</b>
<b>Total Gas</b>	<b>1,094</b>

Total Gas Required : 1,111  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
TJGS	16
<b>Total</b>	<b>16</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,200.00	15.45 %
Gas	57,029.00	18.67 %
Hydro	16,020.00	5.25 %
Distillate	1,453.00	0.48 %
<b>Total TNB</b>	<b>121,702.0</b>	<b>39.85 %</b>
ST-Coal	93,889.0	30.74 %
ST-Gas	240.0	0.08 %
Gas	87,812.0	28.75 %
<b>Total IPP</b>	<b>181,941.0</b>	<b>59.57 %</b>
Co-Gen	2,334.0	0.76 %
<b>Total Co-Gen</b>	<b>2,334.0</b>	<b>0.76 %</b>
<b>Total Generation</b>	<b>305,977.0</b>	<b>100.19 %</b>
PLTG	-154.0	-0.05 %
HVDC	727.0	0.24 %
<b>Interconnection</b>	<b>573.0</b>	<b>0.19 %</b>
<b>Net Energy</b>	<b>305,404.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	359
Hydro	112
Syncon	453
Thermal	36
<b>Total</b>	<b>959</b>

**Weather Temperature**

Weather	Temperature
Morning	Cloudy 26
Afternoon	Cloudy 34





