

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,290	MW
ST-Gas	80	MW
ST-Oil	80	MW
Gas	3,576	MW
Hydro	1,535	MW
Distillate	710	MW
<b>Total TNB</b>	<b>7,271</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,246</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>50</b>	<b>MW</b>
<b>System Total</b>	<b>17,567</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 16:00		
TNB Generation	5,736	MW
IPP Generation	8,970	MW
Total Set On Bus	15,719	MW
Maximum Demand	14,920	MW
Spinning Reserve	963	MW
Net Energy	306,356	MWH
Load Factor	85.6	%

**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	11860	11366	10923	10700	10430	10365	10650	10759	11096	12625	13641	14375	14297	14017	14586	14819	14920	14524	13476	13076	14058	13863	13192	12787

**Gas Usage**

Station	(mmscfd)
CBPS	48
GLGR	55
PAKA	119
PGPS	49
SRDG	34
TJGS	59
<b>TNB Total</b>	<b>364</b>
KLPP	4
MPSS	48
PDPS	7
PGLA	52
PKLG	5
PLPS	76
SGB3	53
SGRI	112
SKSP	53
YPGS	35
YPKA	129
<b>IPP Total</b>	<b>575</b>
<b>Total Gas</b>	<b>939</b>

Total Gas Required : 1,302  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PGLA	34
PKLG	122
PLPS	21
SGB3	30
SGRI	24
TJGS	132
<b>Total</b>	<b>363</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	30,778.00	10.05 %
Gas	44,107.00	14.40 %
Hydro	22,037.00	7.19 %
Distillate	18,896.00	6.17 %
<b>Total TNB</b>	<b>115,818.0</b>	<b>37.81 %</b>
ST-Coal	89,307.0	29.15 %
ST-Oil	11,962.0	3.90 %
Gas	73,957.0	24.14 %
Distillate	14,033.0	4.58 %
<b>Total IPP</b>	<b>189,259.0</b>	<b>61.78 %</b>
Co-Gen	1,447.0	0.47 %
<b>Total Co-Gen</b>	<b>1,447.0</b>	<b>0.47 %</b>
<b>Total Generation</b>	<b>306,524.0</b>	<b>100.05 %</b>
PLTG	-560.0	-0.18 %
HVDC	728.0	0.24 %
<b>Interconnection</b>	<b>168.0</b>	<b>0.05 %</b>
<b>Net Energy</b>	<b>306,356.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	529
Hydro	181
Syncon	144
Thermal	52
<b>Total</b>	<b>905</b>

	Weather	Temperature
Morning	Rainy	24
Afternoon	Hot	35





