

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	3,656	MW
Hydro	1,860	MW
Distillate	350	MW
<b>Total TNB</b>	<b>7,996</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,858</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>76</b>	<b>MW</b>
<b>System Total</b>	<b>18,930</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 15:00		
TNB Generation	5,690	MW
IPP Generation	8,908	MW
Total Set On Bus	15,590	MW
Maximum Demand	14,626	MW
Spinning Reserve	916	MW
Net Energy	307,815	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	12079	11499	11105	10830	10617	10484	10736	10985	11294	12851	13785	14385	14312	14056	14447	14626	14541	14180	13032	12900	14053	13802	13295	12676

**Gas Usage**

Station	(mmscfd)
CBPS	48
GLGR	56
PGPS	17
SRDG	22
TJGS	110
<b>TNB Total</b>	<b>254</b>
KLPP	4
MPSS	51
PGLA	51
PLPS	68
SGB3	48
SGRI	49
SKSP	51
YPGS	34
YPKA	136
<b>IPP Total</b>	<b>491</b>
<b>Total Gas</b>	<b>744</b>
<b>Total Gas Required :</b>	<b>1,009</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PGLA	33
PKLG	133
PLPS	12
SGB3	29
SGRI	16
TJGS	42
<b>Total</b>	<b>264</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,151.00	15.32 %
Gas	32,922.00	10.70 %
Hydro	27,780.00	9.02 %
Distillate	4,937.00	1.60 %
<b>Total TNB</b>	<b>112,790.0</b>	<b>36.64 %</b>
ST-Coal	105,455.0	34.26 %
ST-Oil	13,067.0	4.25 %
Gas	63,921.0	20.77 %
Distillate	11,381.0	3.70 %
<b>Total IPP</b>	<b>193,824.0</b>	<b>62.97 %</b>
Co-Gen	2,113.0	0.69 %
<b>Total Co-Gen</b>	<b>2,113.0</b>	<b>0.69 %</b>
<b>Total Generation</b>	<b>308,727.0</b>	<b>100.30 %</b>
PLTG	190.0	0.06 %
HVDC	722.0	0.23 %
<b>Interconnection</b>	<b>912.0</b>	<b>0.30 %</b>
<b>Net Energy</b>	<b>307,815.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	513
Hydro	344
Syncon	21
Thermal	67
<b>Total</b>	<b>944</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





