

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,386	MW
Hydro	1,818	MW
Distillate	60	MW
<b>Total TNB</b>	<b>8,394</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,997</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>80</b>	<b>MW</b>
<b>System Total</b>	<b>20,031</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00		
TNB Generation	4,996	MW
IPP Generation	6,948	MW
Total Set On Bus	13,029	MW
Maximum Demand	12,049	MW
Spinning Reserve	1,005	MW
Net Energy	255,337	MWH
Load Factor	88.3	%

**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	11014	10489	9930	9644	9494	9230	9248	9197	9138	10161	10920	11551	11550	11391	11571	11582	11526	11296	10999	11127	12049	11876	11343	10948

**Gas Usage**

Station	(mmscfd)
GLGR	57
PGPS	27
SRDG	3
TJGS	188
<b>TNB Total</b>	<b>275</b>
KLPP	102
PGLA	55
PLPS	116
SGB3	2
SKSP	49
YPGS	35
YPKA	105
<b>IPP Total</b>	<b>463</b>
<b>Total Gas</b>	<b>738</b>
<b>Total Gas Required :</b>	<b>738</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	43,750.00	17.13 %
Gas	38,844.00	15.21 %
Hydro	14,720.00	5.76 %
<b>Total TNB</b>	<b>97,314.0</b>	<b>38.11 %</b>
ST-Coal	94,205.0	36.89 %
Gas	62,314.0	24.40 %
<b>Total IPP</b>	<b>156,519.0</b>	<b>61.30 %</b>
Co-Gen	2,098.0	0.82 %
<b>Total Co-Gen</b>	<b>2,098.0</b>	<b>0.82 %</b>
<b>Total Generation</b>	<b>255,931.0</b>	<b>100.23 %</b>
PLTG	-106.0	-0.04 %
HVDC	700.0	0.27 %
<b>Interconnection</b>	<b>594.0</b>	<b>0.23 %</b>
<b>Net Energy</b>	<b>255,337.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	83
Hydro	227
Syncon	392
Thermal	130
<b>Total</b>	<b>831</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
Hydro		196	206	114	144	145	158	82	78	59	79	118	72	74	263	117	88	43	126	67	56	262	92	192	187	353	213	61	99	39	113	144	132	192	204	276	134	196	88	58	163	415	359	273	302	307	181	124	164
<b>S.Reserve Total</b>		<b>1732</b>	<b>2052</b>	<b>2258</b>	<b>2064</b>	<b>2066</b>	<b>2324</b>	<b>2457</b>	<b>2451</b>	<b>2495</b>	<b>2686</b>	<b>2719</b>	<b>2696</b>	<b>2670</b>	<b>2679</b>	<b>2735</b>	<b>2576</b>	<b>2452</b>	<b>1817</b>	<b>1424</b>	<b>1411</b>	<b>1203</b>	<b>1012</b>	<b>948</b>	<b>934</b>	<b>995</b>	<b>992</b>	<b>999</b>	<b>1027</b>	<b>997</b>	<b>937</b>	<b>960</b>	<b>941</b>	<b>1009</b>	<b>1046</b>	<b>1126</b>	<b>1111</b>	<b>1220</b>	<b>1284</b>	<b>1137</b>	<b>905</b>	<b>1005</b>	<b>1056</b>	<b>1004</b>	<b>967</b>	<b>1005</b>	<b>1131</b>	<b>1192</b>	<b>968</b>