

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,286 MW
Hydro	1,833 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,329 MW</b>
<b>Total IPP</b>	<b>10,352 MW</b>
<b>Total Co-Gen</b>	<b>88 MW</b>
<b>System Total</b>	<b>19,329 MW</b>

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

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,793 MW
IPP Generation	8,099 MW
Total Set On Bus	14,042 MW
Maximum Demand	13,030 MW
Spinning Reserve	1,062 MW
Net Energy	285,523 MWH
Load Factor	91.3 %

**Maximum Demand Record**

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	12280	11773	11376	11045	10632	10575	10701	10644	10342	11448	12298	12786	12729	12346	12597	12423	12537	12102	11795	12072	13030	12906	12362	12340

**Gas Usage**

Station	(mmscfd)
CBPS	53
GLGR	55
PGPS	36
TJGS	212
<b>TNB Total</b>	<b>357</b>
KLPP	96
MPSS	53
PGLA	104
PLPS	99
SGB3	67
SGRI	54
SKSP	49
YPGS	35
YPKA	134
<b>IPP Total</b>	<b>691</b>
<b>Total Gas</b>	<b>1,048</b>
<b>Total Gas Required :</b>	<b>1,048</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,147.00	17.21 %
Gas	48,205.00	16.88 %
Hydro	6,753.00	2.37 %
<b>Total TNB</b>	<b>104,105.0</b>	<b>36.46 %</b>
ST-Coal	90,323.0	31.63 %
Gas	89,566.0	31.37 %
<b>Total IPP</b>	<b>179,889.0</b>	<b>63.00 %</b>
Co-Gen	2,230.0	0.78 %
<b>Total Co-Gen</b>	<b>2,230.0</b>	<b>0.78 %</b>
<b>Total Generation</b>	<b>286,224.0</b>	<b>100.25 %</b>
PLTG	-26.0	-0.01 %
HVDC	727.0	0.25 %
<b>Interconnection</b>	<b>701.0</b>	<b>0.25 %</b>
<b>Net Energy</b>	<b>285,523.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	438
Hydro	129
Syncon	551
Thermal	12
<b>Total</b>	<b>1130</b>

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	31





*Daily MW Generation On Saturday*
*19-Jan-2013*

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																								
S.Reserve Total		1044	1249	1640	2047	2136	2369	2432	2757	2800	2850	2985	2866	2869	2786	2885	2895	3137	2393	2019	1822	1473	1296	1106	1189	1279	1368	1642	1679	1486	1526	1511	1588	1660	1794	1828	1974	2173	2168	1761	1145	1062	1021	1116	1191	1228	1099	1210	1234