

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	160	MW
ST-Oil	0	MW
Gas	4,111	MW
Hydro	1,744	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,995</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,108</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>86</b>	<b>MW</b>
<b>System Total</b>	<b>19,189</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 21:30		
TNB Generation	5,094	MW
IPP Generation	7,584	MW
Total Set On Bus	13,706	MW
Maximum Demand	12,736	MW
Spinning Reserve	942	MW
Net Energy	272,044	MWH
Load Factor	89.0	%

**Maximum Demand Record**

<b>Date :</b>	10/05/2012	15,578.0 MW
<b>Date :</b>	10/05/2012	322,080.0 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	12055	11549	11301	10784	10653	10403	10306	10207	9690	10191	10902	11194	11344	11344	11570	11692	11768	11494	11110	11446	12612	12669	12683	12526

**Gas Usage**

Station	(mmscfd)
CBPS	34
PGPS	48
SRDG	4
TJGS	199
<b>TNB Total</b>	<b>286</b>
KLPP	69
PGLA	63
PLPS	90
SGB3	33
SKSP	52
YPGS	29
YPKA	122
<b>IPP Total</b>	<b>458</b>
<b>Total Gas</b>	<b>745</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	60
<b>Total</b>	<b>60</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	46,689.00	17.16 %
Gas	39,827.00	14.64 %
Hydro	18,240.00	6.70 %
<b>Total TNB</b>	<b>104,756.0</b>	<b>38.51 %</b>
ST-Coal	100,397.0	36.90 %
ST-Oil	5,846.0	2.15 %
Gas	60,224.0	22.14 %
<b>Total IPP</b>	<b>166,467.0</b>	<b>61.19 %</b>
Co-Gen	2,312.0	0.85 %
<b>Total Co-Gen</b>	<b>2,312.0</b>	<b>0.85 %</b>
<b>Total Generation</b>	<b>273,535.0</b>	<b>100.55 %</b>
PLTG	446.0	0.16 %
EGAT	320.0	0.12 %
HVDC	725.0	0.27 %
<b>Interconnection</b>	<b>1,491.0</b>	<b>0.55 %</b>
<b>Net Energy</b>	<b>272,044.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	291
Hydro	136
Syncon	425
Thermal	54
<b>Total</b>	<b>906</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 34





*Daily MW Generation On Sunday*
*13-May-2012*

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																								
Syncon		453	302	453	151	151	453	453	453	539	539	539	625	474	474	474	625	625	625	625	625	625	474	625	625	539	539	453	453	453	302	453	453	453	453	453	453	302	453	453	453	453							
Hydro		262	299	131	277	410	179	127	104	78	163	229	81	117	135	153	103	112	109	152	254	51	224	135	109	84	89	56	238	57	97	154	63	156	232	194	387	301	414	255	288	356	283	277	332	236	323	434	518
S.Reserve Total		1390	1190	1162	1046	1268	1317	1565	1631	1735	1824	1893	1933	1823	1842	1876	2353	2284	1970	2002	1833	1508	1328	1175	1153	1215	1391	1355	1305	1248	1226	975	980	988	1122	1297	1462	1620	1964	1681	1152	1093	1033	1018	942	1019	1077	1133	1346