

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,556	MW
Hydro	1,866	MW
Distillate	60	MW
<b>Total TNB</b>	<b>7,542</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,619</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>55</b>	<b>MW</b>
<b>System Total</b>	<b>18,216</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:30		
TNB Generation	4,585	MW
IPP Generation	7,537	MW
Total Set On Bus	13,127	MW
Maximum Demand	12,146	MW
Spinning Reserve	950	MW
Net Energy	256,733	MWH
Load Factor	88.1	%

**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	11431	11042	10701	10278	9880	9557	9608	9466	9323	9818	10246	11008	11224	11202	11354	11201	11122	10946	10771	11503	12144	12131	11745	11339

**Gas Usage**

Station	(mmscfd)
CBPS	32
GLGR	51
PAKA	38
TJGS	90
<b>TNB Total</b>	<b>211</b>
KLPP	93
MPSS	24
PGLA	66
PLPS	87
SGB3	32
SKSP	45
YPGS	49
YPKA	92
<b>IPP Total</b>	<b>488</b>
<b>Total Gas</b>	<b>700</b>

Total Gas Required : 864  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	3
PGLA	4
PGPS	26
PKLG	133
<b>Total</b>	<b>165</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	44,100.00	17.18 %
ST-Oil	2,419.00	0.94 %
Gas	28,923.00	11.27 %
Hydro	10,858.00	4.23 %
<b>Total TNB</b>	<b>86,300.0</b>	<b>33.61 %</b>
ST-Coal	87,760.0	34.18 %
ST-Oil	13,061.0	5.09 %
Gas	65,289.0	25.43 %
Distillate	840.0	0.33 %
<b>Total IPP</b>	<b>166,950.0</b>	<b>65.03 %</b>
Co-Gen	1,421.0	0.55 %
<b>Total Co-Gen</b>	<b>1,421.0</b>	<b>0.55 %</b>
<b>Total Generation</b>	<b>254,671.0</b>	<b>99.20 %</b>
PLTG	258.0	0.10 %
HVDC	-2,320.0	-0.90 %
<b>Interconnection</b>	<b>-2,062.0</b>	<b>-0.80 %</b>
<b>Net Energy</b>	<b>256,733.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	277
Hydro	108
Syncon	497
Thermal	43
<b>Total</b>	<b>924</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





### Daily MW Generation On Sunday

13-Nov-2011

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																										
SRev ST-Oil	14	18	16	14	13	10	8	9	59	25	60	61	59	16	10	11	11	10	9	10	11	11	11	13	12	18	22	26	27	21	15	8	9	8	8	11	11	9	9	11	12	11	11	12	12	9	10	11		
SRev CCGT-Gas	880	994	1008	1204	1160	1139	1287	1361	1348	1427	1398	1397	1448	1308	1441	1310	1419	1310	1140	1022	890	875	651	313	235	411	425	391	411	388	418	414	388	496	539	709	968	900	661	393	446	204	168	60	220	443	597	440		
SRev OCGT-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Distillate	44	39	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Co-Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon	625	625	625	625	474	625	625	625	575	726	726	726	726	726	726	726	726	726	575	726	726	726	726	726	726	575	726	323	625	625	625	625	726	726	726	726	726	575	625	625	625	237	539	474	626	626	726	726		
Hydro	80	82	84	82	112	36	81	86	164	124	121	118	125	108	133	115	250	79	55	9	41	136	152	10	63	186	46	217	81	57	105	109	122	134	166	92	113	202	74	2	54	453	85	298	113	121	100	96		
<b>S.Reserve Total</b>	<b>1682</b>	<b>1791</b>	<b>1836</b>	<b>1961</b>	<b>1916</b>	<b>2093</b>	<b>2287</b>	<b>2491</b>	<b>2550</b>	<b>2696</b>	<b>2715</b>	<b>2698</b>	<b>2763</b>	<b>2552</b>	<b>2728</b>	<b>2641</b>	<b>2676</b>	<b>2546</b>	<b>2347</b>	<b>2055</b>	<b>1967</b>	<b>1770</b>	<b>1435</b>	<b>1097</b>	<b>1080</b>	<b>1225</b>	<b>1266</b>	<b>998</b>	<b>1178</b>	<b>1130</b>	<b>1203</b>	<b>1201</b>	<b>1287</b>	<b>1400</b>	<b>1460</b>	<b>1594</b>	<b>1874</b>	<b>1740</b>	<b>1442</b>	<b>1082</b>	<b>1165</b>	<b>950</b>	<b>980</b>	<b>1031</b>	<b>1147</b>	<b>1380</b>	<b>1612</b>	<b>1460</b>		