

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,295	MW
Hydro	1,779	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,214</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,756</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>60</b>	<b>MW</b>
<b>System Total</b>	<b>18,030</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 21:30		
TNB Generation	4,782	MW
IPP Generation	8,568	MW
Total Set On Bus	14,197	MW
Maximum Demand	13,420	MW
Spinning Reserve	787	MW
Net Energy	279,553	MWH
Load Factor	86.8	%

**Maximum Demand Record**

<b>Date :</b>	13/05/2013	16,562.0 MW
<b>Date :</b>	25/06/2013	345,254.0 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	12469	11895	11425	11167	10808	10837	10631	10395	9654	10293	11027	11570	11585	11606	11933	11980	12022	11715	11774	11959	12772	13286	13279	13284

**Gas Usage**

Station	(mmscfd)
CBPS	37
GLGR	58
PAKA	144
PGPS	30
SRDG	3
<b>TNB Total</b>	<b>273</b>
KLPP	113
MPSS	42
PGLA	70
PKLG	109
PLPS	93
SGRI	219
YPGS	58
YPKA	89
<b>IPP Total</b>	<b>792</b>
<b>Total Gas</b>	<b>1,065</b>

Total Gas Required : 1,065  
Gas Calorific Value : 38,500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,051.00	17.55 %
Gas	32,876.00	11.76 %
Hydro	11,041.00	3.95 %
<b>Total TNB</b>	<b>92,968.0</b>	<b>33.26 %</b>
ST-Coal	85,563.0	30.61 %
ST-Gas	10,575.0	3.78 %
Gas	89,329.0	31.95 %
<b>Total IPP</b>	<b>185,467.0</b>	<b>66.34 %</b>
Co-Gen	1,416.0	0.51 %
<b>Total Co-Gen</b>	<b>1,416.0</b>	<b>0.51 %</b>
<b>Total Generation</b>	<b>279,851.0</b>	<b>100.11 %</b>
PLTG	-426.0	-0.15 %
HVDC	724.0	0.26 %
<b>Interconnection</b>	<b>298.0</b>	<b>0.11 %</b>
<b>Net Energy</b>	<b>279,553.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	191
Hydro	137
Syncon	465
Thermal	141
<b>Total</b>	<b>934</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	29
Afternoon	Hot	36





### Daily MW Generation On Sunday

28-Jul-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
TIE-BGAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC	31	31	29	31	30	30	30	30	30	30	30	30	29	31	31	31	30	30	30	30	29	29	30	30
TIE-PLTG	-21	45	-57	-12	-3	-90	-14	-45	2	-93	-73	-82	-62	-64	15	-64	84	-34	-110	-56	-98	2	-57	-91
Interconnection	10	76	-28	19	27	-60	16	-15	32	-63	-43	-52	-32	-34	45	-34	114	-5	-79	-25	-67	33	-37	-61
<b>System Total</b>	<b>12469</b>	<b>11907</b>	<b>11895</b>	<b>11581</b>	<b>11425</b>	<b>11210</b>	<b>11167</b>	<b>10960</b>	<b>10808</b>	<b>10929</b>	<b>10837</b>	<b>10634</b>	<b>10631</b>	<b>10539</b>	<b>10395</b>	<b>9913</b>	<b>9654</b>	<b>10012</b>	<b>10293</b>	<b>10604</b>	<b>11027</b>	<b>11311</b>	<b>11570</b>	<b>11695</b>
SRev ST-Coal	145	140	143	151	144	143	145	194	151	158	166	140	139	191	237	322	387	389	305	150	138	134	148	138
SRev ST-Gas	19	19	72	77	77	80	73	73	73	74	74	74	74	74	74	75	73	74	74	74	75	83	34	22
SRev CCGT-Gas	260	336	421	308	379	421	365	381	467	348	475	517	486	559	530	1160	1224	1188	1201	989	673	284	203	214
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
SRev Co-Gen	3	3	3	-3	3	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon	539	625	474	539	625	726	575	726	726	726	539	625	575	726	726	726	726	726	726	726	726	726	726	726
Hydro	171	125	141	55	57	102	190	163	172	46	148	235	291	106	182	109	142	124	101	157	100	104	250	248
<b>S.Reserve Total</b>	<b>1137</b>	<b>1748</b>	<b>1254</b>	<b>1127</b>	<b>1285</b>	<b>1469</b>	<b>1348</b>	<b>1537</b>	<b>1589</b>	<b>1352</b>	<b>1402</b>	<b>1591</b>	<b>1565</b>	<b>1756</b>	<b>1849</b>	<b>2391</b>	<b>2554</b>	<b>2500</b>	<b>2407</b>	<b>2096</b>	<b>1711</b>	<b>1323</b>	<b>1259</b>	<b>1205</b>