

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	3,984	MW
Hydro	1,815	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,939</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,685</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>75</b>	<b>MW</b>
<b>System Total</b>	<b>18,699</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,504 MW
IPP Generation	7,758 MW
Total Set On Bus	13,402 MW
Maximum Demand	12,454 MW
Spinning Reserve	1,065 MW
Net Energy	264,381 MWH
Load Factor	88.5 %

**Maximum Demand Record**

<b>Date :</b>	16/04/2013	16,356.0 MW
<b>Date :</b>	16/04/2013	338,800.0 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	12249	11943	11494	10928	10865	10662	10505	10177	9343	9625	10093	10484	10636	10662	10940	10949	10837	10840	10788	11272	12454	12239	12190	12019

**Gas Usage**

Station	(mmscfd)
CBPS	55
GLGR	48
PAKA	46
PGPS	24
TJGS	106
<b>TNB Total</b>	<b>278</b>
KLPP	83
PGLA	52
PKLG	76
PLPS	81
SGRI	191
SKSP	51
YPGS	51
YPKA	53
<b>IPP Total</b>	<b>639</b>
<b>Total Gas</b>	<b>918</b>
<b>Total Gas Required :</b>	<b>918</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,479.00	18.34 %
Gas	35,762.00	13.53 %
Hydro	9,210.00	3.48 %
<b>Total TNB</b>	<b>93,451.0</b>	<b>35.35 %</b>
ST-Coal	84,179.0	31.84 %
ST-Gas	7,312.0	2.77 %
Gas	73,539.0	27.82 %
<b>Total IPP</b>	<b>165,030.0</b>	<b>62.42 %</b>
Co-Gen	1,975.0	0.75 %
<b>Total Co-Gen</b>	<b>1,975.0</b>	<b>0.75 %</b>
<b>Total Generation</b>	<b>260,456.0</b>	<b>98.52 %</b>
PLTG	-4,650.0	-1.76 %
HVDC	725.0	0.27 %
<b>Interconnection</b>	<b>-3,925.0</b>	<b>-1.48 %</b>
<b>Net Energy</b>	<b>264,381.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	876
Hydro	138
Syncon	521
Thermal	83
<b>Total</b>	<b>1618</b>

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32





*Daily MW Generation On Sunday**05-May-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																								
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												
Syncon		625	625	625	625	625	474	625	625	625	474	625	625	625	625	731	731	731	580	580	731	731	731	731	731	731	731	580	731	731	731	731	731	731	625	474	625	474	474	474	731	731	731						
Hydro		132	105	117	171	152	129	355	159	137	207	317	154	140	58	124	187	180	149	148	263	252	164	131	130	131	127	128	256	126	130	127	126	129	257	125	130	120	145	111	96	170	180	264	151	262	137	167	81
S.Reserve Total		1392	1289	1366	1668	1818	2055	2374	2254	2490	2674	2615	2667	2824	2767	3185	3477	3758	3590	3501	3329	3139	2996	2792	2747	2454	2484	2451	2264	2064	2161	2098	2069	2173	1942	2189	2083	2222	2159	2068	1249	1065	1388	1365	1364	1425	1531	1474	1502