

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,325 MW
Hydro	1,877 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,722 MW</b>
<b>Total IPP</b>	<b>11,686 MW</b>
<b>Total Co-Gen</b>	<b>82 MW</b>
<b>System Total</b>	<b>19,490 MW</b>

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

At Daily Maximum Demand Hour : 11:30		
TNB Generation	4,739 MW	
IPP Generation	8,623 MW	
Total Set On Bus	14,384 MW	
Maximum Demand	13,434 MW	
Spinning Reserve	940 MW	
Net Energy	291,231 MWH	
Load Factor	90.3 %	

**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	12138	11553	11087	10804	10569	10475	10730	10793	10970	12237	12872	13356	13291	12824	12854	13228	13356	13025	12078	11928	13015	12915	12609	12209

**Gas Usage**

Station	(mmscfd)
CBPS	57
GLGR	31
PAKA	104
PGPS	31
TJGS	212
<b>TNB Total</b>	<b>434</b>
KLPP	104
MPSS	58
PGLA	114
PLPS	106
SGB3	80
SGRI	39
SKSP	34
YPGS	35
YPKA	133
<b>IPP Total</b>	<b>703</b>
<b>Total Gas</b>	<b>1,137</b>
<b>Total Gas Required :</b>	<b>1,137</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,970.00	11.32 %
Gas	57,722.00	19.82 %
Hydro	8,184.00	2.81 %
<b>Total TNB</b>	<b>98,876.0</b>	<b>33.95 %</b>
ST-Coal	97,240.0	33.39 %
ST-Oil	156.0	0.05 %
Gas	92,230.0	31.67 %
<b>Total IPP</b>	<b>189,626.0</b>	<b>65.11 %</b>
Co-Gen	2,149.0	0.74 %
<b>Total Co-Gen</b>	<b>2,149.0</b>	<b>0.74 %</b>
<b>Total Generation</b>	<b>290,651.0</b>	<b>99.80 %</b>
PLTG	118.0	0.04 %
HVDC	-698.0	-0.24 %
<b>Interconnection</b>	<b>-580.0</b>	<b>-0.20 %</b>
<b>Net Energy</b>	<b>291,231.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	394
Hydro	158
Syncon	476
Thermal	2
<b>Total</b>	<b>1030</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	32





### Daily MW Generation On Friday

08-Feb-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 ST-Coal		-1	4	15	6	7	22	17	28	161	153	221	225	153	22	17	4	11	29	7	10	11	6	3	9	6	12	5	-5	5	12	12	19	3	3	12	16	38	68	24	14	43	47	39	73	61	64	68	21		
SRev ST-Oil		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 CCGT-Gas		293	383	770	927	1339	1438	1594	1641	1666	1653	1638	1622	1415	1384	1379	1388	1307	908	575	652	398	342	383	382	481	478	641	612	583	466	609	597	601	594	404	604	948	1156	950	352	313	345	236	353	378	483	202	167		
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 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		424	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	
Hydro		377	129	80	112	59	66	55	124	91	124	67	80	70	109	116	118	72	251	98	109	155	186	192	192	225	198	153	242	232	242	370	258	263	119	121	64	114	111	93	54	157	157	220	81	98	102	112	88		
S.Reserve Total		1093	1242	1591	1771	2131	2252	2392	2519	2644	2656	2652	2653	2364	2241	2238	2236	2116	1763	1406	1497	1139	958	1002	1007	1136	1112	1374	1424	1395	1144	1264	1298	1291	1442	1263	1410	1826	2061	1793	1146	1088	1124	1070	1233	1263	1375	1108	1002		