

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,515	MW
Hydro	1,817	MW
Distillate	0	MW
<b>Total TNB</b>	<b>8,542</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,337</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>92</b>	<b>MW</b>
<b>System Total</b>	<b>20,531</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 15:00	
TNB Generation	5,790 MW
IPP Generation	8,425 MW
Total Set On Bus	15,366 MW
Maximum Demand	14,399 MW
Spinning Reserve	1,059 MW
Net Energy	301,912 MWH
Load Factor	87.4 %

**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	11902	11335	10867	10525	10262	10209	10495	10945	11318	12751	13639	14207	14108	13629	14130	14399	14389	14012	13043	12786	13802	13666	12991	12510

**Gas Usage**

Station	(mmscfd)
CBPS	56
GLGR	58
PAKA	20
PGPS	47
TJGS	208
<b>TNB Total</b>	<b>390</b>
KLPP	95
MPSS	55
PGLA	90
PLPS	90
SGB3	53
SGRI	35
SKSP	51
YPGS	35
YPKA	133
<b>IPP Total</b>	<b>637</b>
<b>Total Gas</b>	<b>1,027</b>
<b>Total Gas Required :</b>	<b>1,027</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,251.00	16.31 %
Gas	52,381.00	17.35 %
Hydro	15,020.00	4.97 %
<b>Total TNB</b>	<b>116,652.0</b>	<b>38.64 %</b>
ST-Coal	99,880.0	33.08 %
Gas	82,942.0	27.47 %
<b>Total IPP</b>	<b>182,822.0</b>	<b>60.55 %</b>
Co-Gen	2,328.0	0.77 %
<b>Total Co-Gen</b>	<b>2,328.0</b>	<b>0.77 %</b>
<b>Total Generation</b>	<b>301,802.0</b>	<b>99.96 %</b>
PLTG	4.0	0.00 %
HVDC	-114.0	-0.04 %
<b>Interconnection</b>	<b>-110.0</b>	<b>-0.04 %</b>
<b>Net Energy</b>	<b>301,912.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	533
Hydro	195
Syncon	277
Thermal	17
<b>Total</b>	<b>1022</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32





*Daily MW Generation On Tuesday*
*19-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	CCGT-Gas	982	1026	1284	1396	1666	1671	1690	1659	1654	1572	1711	1616	1567	1539	1484	1652	1796	1130	1065	571	630	755	764	639	669	743	892	874	860	669	681	666	663	485	470	295	689	986	908	439	341	452	582	448	319	399	832	841	
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	
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
Syncon		474	575	726	726	726	726	726	726	726	726	726	726	575	575	726	726	726	625	323	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	86	474	625	625	625	625	474	323	323	323	625	474	625	625
Hydro		273	125	92	62	108	104	97	78	89	66	110	79	63	106	218	239	90	114	98	104	83	200	178	202	284	221	217	161	252	255	183	223	130	266	709	162	209	165	148	72	88	242	186	305	186	275	151	118	
S.Reserve	Total	1743	1743	2112	2293	2597	2668	2827	2920	2973	2875	3044	2915	2840	2565	2401	2577	2620	1985	1916	1383	1355	1280	1120	1040	1163	1468	1617	1543	1311	1116	1089	1093	989	955	1304	972	1544	1802	1716	1170	936	1054	1114	1116	1161	1179	1627	1625	