

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,612 MW
Hydro	1,769 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,521 MW</b>
<b>Total IPP</b>	<b>10,970 MW</b>
<b>Total Co-Gen</b>	<b>85 MW</b>
<b>System Total</b>	<b>19,140 MW</b>

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

At Daily Maximum Demand Hour : 21:00	
TNB Generation	4,748 MW
IPP Generation	8,431 MW
Total Set On Bus	14,270 MW
Maximum Demand	13,044 MW
Spinning Reserve	1,006 MW
Net Energy	279,159 MWH
Load Factor	89.2 %

**Maximum Demand Record**

Date :	13/05/2013	16,562.0MW
Date :	25/06/2013	345,254.0MWH

**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	12899	12326	11632	11299	11078	10832	10676	10367	9819	10444	10986	11464	11646	11519	11953	12032	11902	11658	11343	11648	12907	13044	12784	12726

**Gas Usage**

Station	(mmscfd)
CBPS	39
GLGR	32
PAKA	99
PGPS	25
SRDG	5
TJGS	110
<b>TNB Total</b>	<b>310</b>
KLPP	104
MPSS	39
PGLA	74
PLPS	90
SGRI	155
SKSP	54
YPKA	117
<b>IPP Total</b>	<b>634</b>
<b>Total Gas</b>	<b>943</b>
<b>Total Gas Required :</b>	<b>943</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,041.00	17.57 %
Gas	39,895.00	14.29 %
Hydro	10,022.00	3.59 %
<b>Total TNB</b>	<b>98,958.0</b>	<b>35.45 %</b>
ST-Coal	97,543.0	34.94 %
Gas	82,526.0	29.56 %
<b>Total IPP</b>	<b>180,069.0</b>	<b>64.50 %</b>
Co-Gen	2,203.0	0.79 %
<b>Total Co-Gen</b>	<b>2,203.0</b>	<b>0.79 %</b>
<b>Total Generation</b>	<b>281,230.0</b>	<b>100.74 %</b>
PLTG	247.0	0.09 %
HVDC	1,824.0	0.65 %
<b>Interconnection</b>	<b>2,071.0</b>	<b>0.74 %</b>
<b>Net Energy</b>	<b>279,159.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	249
Hydro	178
Syncon	441
Thermal	131
<b>Total</b>	<b>999</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 34





### Daily MW Generation On Sunday

18-Aug-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-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 CCGT-Gas		112	376	376	460	687	722	741	714	850	953	1121	1150	1254	1205	1419	1627	1657	1468	1292	878	673	658	413	329	317	334	349	314	449	305	316	442	419	603	759	854	1165	1099	1020	479	192	227	158	147	265	126	125	414		
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		625	625	625	474	625	474	625	625	625	625	625	474	625	625	625	625	474	625	625	625	625	474	625	625	625	474	625	625	625	625	474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625
Hydro		106	122	107	242	106	229	134	219	135	164	141	130	284	135	235	137	187	122	129	136	241	81	556	355	408	173	247	106	345	97	101	250	284	91	126	142	127	135	85	113	81	105	71	125	253	96	177	132		
<b>S.Reserve Total</b>		<b>988</b>	<b>1272</b>	<b>1256</b>	<b>1320</b>	<b>1559</b>	<b>1616</b>	<b>1686</b>	<b>1751</b>	<b>1750</b>	<b>1882</b>	<b>2027</b>	<b>2046</b>	<b>2158</b>	<b>2110</b>	<b>2424</b>	<b>2733</b>	<b>2808</b>	<b>2525</b>	<b>2325</b>	<b>2020</b>	<b>1751</b>	<b>1478</b>	<b>1309</b>	<b>1272</b>	<b>1301</b>	<b>1317</b>	<b>1398</b>	<b>1204</b>	<b>1522</b>	<b>1282</b>	<b>1288</b>	<b>1418</b>	<b>1417</b>	<b>1560</b>	<b>1759</b>	<b>1873</b>	<b>2160</b>	<b>2115</b>	<b>1976</b>	<b>1398</b>	<b>1149</b>	<b>1121</b>	<b>1006</b>	<b>951</b>	<b>1142</b>	<b>984</b>	<b>911</b>	<b>1307</b>		