

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,280	MW
Hydro	1,877	MW
Distillate	0	MW
<b>Total TNB</b>	<b>8,367</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,853</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>81</b>	<b>MW</b>
<b>System Total</b>	<b>19,861</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,222 MW
IPP Generation	7,917 MW
Total Set On Bus	14,179 MW
Maximum Demand	13,319 MW
Spinning Reserve	959 MW
Net Energy	285,546 MWH
Load Factor	89.3 %

**Maximum Demand Record**

<b>Date :</b>	20/06/2012	15,826.0 MW
<b>Date :</b>	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	11654	11265	10812	10418	10096	10063	10149	10488	10851	12053	12653	13157	13164	12794	13096	13145	13058	12762	11980	11817	12714	12606	12146	12024

**Gas Usage**

Station	(mmscfd)
GLGR	56
PGPS	32
SRDG	2
TJGS	214
<b>TNB Total</b>	<b>305</b>
KLPP	111
MPSS	44
PGLA	111
PLPS	87
SGB3	72
SKSP	52
YPGS	35
YPKA	133
<b>IPP Total</b>	<b>645</b>
<b>Total Gas</b>	<b>950</b>

Total Gas Required : 950  
Gas Calorific Value : 38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,677.00	17.40 %
Gas	42,005.00	14.71 %
Hydro	14,814.00	5.19 %
<b>Total TNB</b>	<b>106,496.0</b>	<b>37.30 %</b>
ST-Coal	91,304.0	31.98 %
Gas	84,664.0	29.65 %
<b>Total IPP</b>	<b>175,968.0</b>	<b>61.63 %</b>
Co-Gen	2,184.0	0.76 %
<b>Total Co-Gen</b>	<b>2,184.0</b>	<b>0.76 %</b>
<b>Total Generation</b>	<b>284,648.0</b>	<b>99.69 %</b>
PLTG	-202.0	-0.07 %
HVDC	-696.0	-0.24 %
<b>Interconnection</b>	<b>-898.0</b>	<b>-0.31 %</b>
<b>Net Energy</b>	<b>285,546.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	425
Hydro	207
Syncon	317
Thermal	1
<b>Total</b>	<b>949</b>

	Weather	Temperature
Morning	Cloudy	25
Afternoon	Rainy	33





*Daily MW Generation On Thursday*
*14-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		
Syncon		726	726	575	726	726	726	726	575	726	726	726	726	726	575	726	726	726	726	726	474	474	172	172	172	323	474	323	323	172	86	86	86	86	86	424	726	726	726	625	625	625	625	625	625	625	625	625	
Hydro		100	71	221	90	99	86	110	224	104	103	106	91	100	83	222	98	94	82	197	131	213	168	297	285	305	322	351	413	318	328	388	353	326	360	309	221	61	69	111	307	88	87	101	101	107	37	57	15
<b>S.Reserve Total</b>		<b>1100</b>	<b>1005</b>	<b>1137</b>	<b>1499</b>	<b>1599</b>	<b>1738</b>	<b>1898</b>	<b>2210</b>	<b>2372</b>	<b>2374</b>	<b>2412</b>	<b>2200</b>	<b>2224</b>	<b>1980</b>	<b>1873</b>	<b>1885</b>	<b>1717</b>	<b>1306</b>	<b>1285</b>	<b>1285</b>	<b>1142</b>	<b>1163</b>	<b>1006</b>	<b>960</b>	<b>1005</b>	<b>1159</b>	<b>1390</b>	<b>1243</b>	<b>1122</b>	<b>959</b>	<b>1078</b>	<b>1045</b>	<b>1269</b>	<b>1222</b>	<b>898</b>	<b>1147</b>	<b>1364</b>	<b>1529</b>	<b>1555</b>	<b>1377</b>	<b>1055</b>	<b>979</b>	<b>1106</b>	<b>1062</b>	<b>1237</b>	<b>898</b>	<b>1142</b>	<b>946</b>