

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,990 MW
ST-Gas	80 MW
ST-Oil	80 MW
Gas	4,321 MW
Hydro	1,849 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,320 MW</b>
<b>Total IPP</b>	<b>10,252 MW</b>
<b>Total Co-Gen</b>	<b>92 MW</b>
<b>System Total</b>	<b>18,664 MW</b>

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

At Daily Maximum Demand Hour : 21:30	
TNB Generation	5,527 MW
IPP Generation	7,212 MW
Total Set On Bus	13,666 MW
Maximum Demand	12,890 MW
Spinning Reserve	835 MW
Net Energy	276,544 MWH
Load Factor	89.4 %

**Maximum Demand Record**

Date :	09/05/2011	15,476.0 MW
Date :	24/04/2012	320,821.0 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	12644	11967	11556	10952	10800	10766	10582	10289	9867	10362	10832	11675	11738	11634	11745	11971	11966	11647	11309	11680	12842	12788	12832	12465

**Gas Usage**

Station	(mmscfd)
CBPS	39
GLGR	52
PAKA	86
PGPS	1
SRDG	1
TJGS	208
<b>TNB Total</b>	<b>388</b>
KLPP	4
PGLA	17
PLPS	97
SGB3	71
SKSP	38
YPGS	30
YPKA	94
<b>IPP Total</b>	<b>352</b>
<b>Total Gas</b>	<b>740</b>

Total Gas Required : 794  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	54
<b>Total</b>	<b>54</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,168.00	17.06 %
Gas	52,743.00	19.07 %
Hydro	23,206.00	8.39 %
<b>Total TNB</b>	<b>123,117.0</b>	<b>44.52 %</b>
ST-Coal	100,823.0	36.46 %
ST-Oil	5,235.0	1.89 %
Gas	45,544.0	16.47 %
<b>Total IPP</b>	<b>151,602.0</b>	<b>54.82 %</b>
Co-Gen	2,089.0	0.76 %
<b>Total Co-Gen</b>	<b>2,089.0</b>	<b>0.76 %</b>
<b>Total Generation</b>	<b>276,808.0</b>	<b>100.10 %</b>
PLTG	-46.0	-0.02 %
HVDC	310.0	0.11 %
<b>Interconnection</b>	<b>264.0</b>	<b>0.10 %</b>
<b>Net Energy</b>	<b>276,544.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	167
Hydro	221
Syncon	319
Thermal	66
<b>Total</b>	<b>772</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32





### Daily MW Generation On Sunday

29-Apr-2012

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																										
<b>System Total</b>		12644	12122	11967	11680	11556	11267	10952	11042	10800	10746	10766	10402	10582	10574	10289	9733	9867	10067	10362	10641	10832	11309	11675	11631	11738	11737	11634	11719	11745	12047	11971	11884	11966	11854	11647	11542	11309	11314	11680	12646	12842	12870	12788	12890	12832	12580	12465	12259		
SRev ST-Coal		57	70	62	57	59	86	67	64	60	70	64	198	197	204	324	449	445	442	355	265	255	97	80	81	87	70	83	85	80	70	85	85	85	79	88	86	94	97	92	89	80	78	87	98	75	91	85	84		
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	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 ST-Oil		13	19	19	13	-3	-3	-4	-1	-1	-1	-1	-2	-2	-2	-2	-1	-1	-2	-2	-2	19	-7	-7	-7	-7	-7	9	10	10	10	10	18	18	18	18	17	17	18	18	-6	-6	-6	-6	-7	-7	-6	-6			
SRev CCGT-Gas		705	942	819	466	468	438	452	535	647	842	848	959	946	918	961	1144	1118	978	757	455	518	268	214	391	267	216	220	118	117	283	285	226	162	250	313	362	561	535	423	144	113	124	183	24	323	319	352	352		
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		453	453	151	151	151	151	453	453	453	453	453	302	302	302	388	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	
Hydro		117	107	218	233	143	199	192	44	167	65	54	116	169	209	381	231	125	173	57	66	45	252	128	204	221	296	275	278	248	205	158	251	282	462	467	664	455	466	322	203	189	229	359	417	343	420	489	442		
<b>S.Reserve Total</b>		1345	1591	1269	920	818	871	1160	1095	1326	1429	1418	1725	1612	1631	1966	2360	2161	2066	1641	1258	1290	1110	889	1143	1042	1049	1045	964	929	956	936	970	945	1056	1274	1367	1515	1503	1243	906	828	917	965	835	1036	1125	1222	1324		