

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	3,576	MW
Hydro	1,704	MW
Distillate	60	MW
<b>Total TNB</b>	<b>7,470</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,197</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>86</b>	<b>MW</b>
<b>System Total</b>	<b>19,303</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00		
TNB Generation	4,710	MW
IPP Generation	8,142	MW
Total Set On Bus	13,785	MW
Maximum Demand	12,981	MW
Spinning Reserve	847	MW
Net Energy	283,436	MWH
Load Factor	91.0	%

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	10/05/2011	318,459.0 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	12091	11404	10883	10449	10328	10309	10213	10295	10142	11257	12109	12781	12780	12449	12674	12706	12738	12211	11901	11841	12981	12810	12467	12239

**Gas Usage**

Station	(mmscfd)
GLGR	55
PAKA	43
PGPS	52
TJGS	100
<b>TNB Total</b>	<b>250</b>
KLPP	90
MPSS	45
PGLA	53
PLPS	87
SGB3	78
SKSP	47
YPGS	34
YPKA	137
<b>IPP Total</b>	<b>571</b>
<b>Total Gas</b>	<b>821</b>

**Total Gas Required :** 821  
**Gas Calorific Value :** 38,500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,078.00	16.61 %
Gas	33,008.00	11.65 %
Hydro	17,568.00	6.20 %
<b>Total TNB</b>	<b>97,654.0</b>	<b>34.45 %</b>
ST-Coal	106,209.0	37.47 %
Gas	76,383.0	26.95 %
<b>Total IPP</b>	<b>182,592.0</b>	<b>64.42 %</b>
Co-Gen	2,266.0	0.80 %
<b>Total Co-Gen</b>	<b>2,266.0</b>	<b>0.80 %</b>
<b>Total Generation</b>	<b>282,512.0</b>	<b>99.67 %</b>
PLTG	-224.0	-0.08 %
HVDC	-700.0	-0.25 %
<b>Interconnection</b>	<b>-924.0</b>	<b>-0.33 %</b>
<b>Net Energy</b>	<b>283,436.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	275
Hydro	125
Syncon	409
Thermal	63
<b>Total</b>	<b>872</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





*Daily MW Generation On Saturday*
*25-Feb-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																										
SRev CCGT-Gas		583	809	726	853	1079	1105	1287	1297	1309	1310	1260	1312	1286	1319	1309	1296	1277	869	658	552	472	286	122	293	275	341	459	459	324	331	251	216	229	273	411	510	684	793	823	473	320	282	337	299	373	362	364	190		
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 Distillate		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 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		172	172	324	625	625	625	626	626	626	626	626	626	475	475	626	626	626	626	625	474	474	625	625	474	474	625	625	474	323	323	474	474	474	475	625	625	625	625	625	625	323	474	474	626	625	625	625	625		
Hydro		183	299	112	82	85	103	117	130	167	150	61	170	118	171	135	225	201	68	88	101	180	144	116	103	173	141	172	234	281	238	214	219	225	154	122	102	130	151	163	88	128	78	92	47	130	108	260	205		
<b>S.Reserve Total</b>		<b>1027</b>	<b>1363</b>	<b>1233</b>	<b>1638</b>	<b>1869</b>	<b>2069</b>	<b>2258</b>	<b>2290</b>	<b>2340</b>	<b>2474</b>	<b>2446</b>	<b>2602</b>	<b>2523</b>	<b>2353</b>	<b>2307</b>	<b>2530</b>	<b>2492</b>	<b>1795</b>	<b>1474</b>	<b>1357</b>	<b>1205</b>	<b>1136</b>	<b>938</b>	<b>951</b>	<b>996</b>	<b>1184</b>	<b>1341</b>	<b>1251</b>	<b>1000</b>	<b>973</b>	<b>1017</b>	<b>980</b>	<b>1001</b>	<b>984</b>	<b>1229</b>	<b>1316</b>	<b>1519</b>	<b>1642</b>	<b>1683</b>	<b>1254</b>	<b>847</b>	<b>916</b>	<b>971</b>	<b>1049</b>	<b>1198</b>	<b>1169</b>	<b>1326</b>	<b>1204</b>		