

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,308 MW
Hydro	1,612 MW
Distillate	60 MW
<b>Total TNB</b>	<b>8,110 MW</b>
<b>Total IPP</b>	<b>11,632 MW</b>
<b>Total Co-Gen</b>	<b>78 MW</b>
<b>System Total</b>	<b>20,370 MW</b>

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

At Daily Maximum Demand Hour : 16:30		
TNB Generation	6,618 MW	
IPP Generation	7,952 MW	
Total Set On Bus	15,577 MW	
Maximum Demand	14,659 MW	
Spinning Reserve	929 MW	
Net Energy	302,535 MWH	
Load Factor	86.0 %	

**Maximum Demand Record**

Date :	09/05/2011	15,476.0 MW
Date :	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	11962	11253	10889	10608	10258	10285	10427	10458	11027	12668	13395	14121	14332	13621	13836	14448	14651	14355	13243	12809	13786	13625	13090	12766

**Gas Usage**

Station	(mmscfd)
CBPS	46
GLGR	57
PAKA	129
PGPS	49
SRDG	7
TJGS	190
<b>TNB Total</b>	<b>478</b>
KLPP	90
MPSS	50
PGLA	101
PLPS	106
SGB3	92
SGRI	52
YPGS	34
YPKA	137
<b>IPP Total</b>	<b>663</b>
<b>Total Gas</b>	<b>1,141</b>
<b>Total Gas Required :</b>	<b>1,141</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	46,329.00	15.31 %
Gas	62,609.00	20.69 %
Hydro	19,490.00	6.44 %
<b>Total TNB</b>	<b>128,428.0</b>	<b>42.45 %</b>
ST-Coal	85,886.0	28.39 %
ST-Oil	126.0	0.04 %
Gas	86,567.0	28.61 %
<b>Total IPP</b>	<b>172,579.0</b>	<b>57.04 %</b>
Co-Gen	2,056.0	0.68 %
<b>Total Co-Gen</b>	<b>2,056.0</b>	<b>0.68 %</b>
<b>Total Generation</b>	<b>303,063.0</b>	<b>100.17 %</b>
PLTG	-335.0	-0.11 %
HVDC	863.0	0.29 %
<b>Interconnection</b>	<b>528.0</b>	<b>0.17 %</b>
<b>Net Energy</b>	<b>302,535.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	357
Hydro	213
Syncon	175
Thermal	334
<b>Total</b>	<b>1080</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 36





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>Total Gen</b>		11885	11599	11186	11020	10889	10826	10685	10685	10348	10350	10340	10288	10354	10520	10564	10831	11021	11912	12639	13202	13368	13783	14082	14326	14296	13991	13589	13715	13838	14298	14439	14537	14653	14648	14364	13889	13334	12907	12839	13489	13864	13806	13706	13436	13159	13051	12832	12467				
TIE-EGAT		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	0	
TIE-HVDC		31	29	31	31	30	30	31	29	29	29	31	31	31	30	30	30	30	30	30	30	30	30	30	30	31	29	30	30	30	29	30	30	30	30	30	30	30	30	30	100	100	100	100	100	30	30	30	30				
TIE-PLTG		-108	59	-98	-43	-30	-79	46	84	61	27	24	-115	-104	74	76	128	-36	-73	-59	14	-57	-36	-69	-46	-67	61	-62	-28	-28	-61	-40	-149	-28	-41	-21	15	61	-31	0	-62	-22	-9	-19	18	39	-53	36	59				
<b>Interconnection</b>		-77	88	-67	-12	0	-49	77	113	90	56	55	-84	-73	105	106	158	-6	-41	-29	44	-27	-6	-39	-16	-36	92	-32	2	2	-31	-9	-120	2	-11	9	44	91	-1	30	-32	78	91	81	118	69	-23	66	89				
<b>System Total</b>		11962	11511	11253	11032	10889	10875	10608	10572	10258	10294	10285	10372	10427	10415	10458	10673	11027	11953	12668	13158	13395	13789	14121	14342	14332	13899	13621	13713	13836	14329	14448	14657	14651	14659	14355	13845	13243	12908	12809	13521	13786	13715	13625	13318	13090	13074	12766	12378				
SRev ST-Coal		361	367	380	414	419	493	465	465	496	476	462	573	551	551	550	507	533	501	477	419	411	378	371	376	366	366	370	365	389	397	405	390	367	369	365	366	384	386	387	387	386	366	387	368	368	364	369	370				
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	0	
SRev CCGT-Gas		1566	1594	1937	1944	2043	2042	2056	2057	2058	2054	2056	2047	2042	2055	2058	1870	1760	1171	1090	773	609	402	217	200	204	318	1061	1034	863	395	249	227	227	277	301	365	690	975	1013	459	249	240	285	376	397	513	535	501				
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	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	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	0	0
Syncon		625	625	539	539	539	539	650	650	650	650	650	388	388	237	237	650	650	539	539	539	539	388	388	172	172	172	86	172	172	86	86	86	86	86	86	86	86	86	237	388	388	237	86	86	86	86	86	86	86	86	86	
Hydro		162	269	123	207	106	102	145	142	144	136	149	126	110	206	297	160	85	183	219	153	202	277	169	236	276	458	339	199	223	197	231	124	195	149	343	441	292	282	310	363	333	321	355	322	371	278	287	414				
<b>S.Reserve Total</b>		2714	2855	3064	3189	3192	3261	3401	3399	3433	3401	3402	3219	3176	3134	3142	3187	3028	2394	2325	1884	1761	1445	1145	984	1018	1314	1856	1770	1647	1075	1011	835	923	929	1213	1327	1603	2031	2098	1448	1054	1013	1113	1152	1222	1241	1277	1371				