

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	80	MW
ST-Oil	0	MW
Gas	4,501	MW
Hydro	1,569	MW
Distillate	0	MW
<b>Total TNB</b>	<b>8,130</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,076</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>53</b>	<b>MW</b>
<b>System Total</b>	<b>18,259</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00

TNB Generation	5,786	MW
IPP Generation	7,368	MW
Total Set On Bus	14,081	MW
Maximum Demand	13,266	MW
Spinning Reserve	874	MW
Net Energy	289,106	MWH
Load Factor	90.8	%

**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	12374	11845	11467	11001	10711	10735	10737	10466	10350	11713	12332	12996	12925	12501	12878	12892	12901	12450	12143	12125	13266	13144	12817	12585

**Gas Usage**

Station	(mmscfd)
CBPS	46
GLGR	59
PAKA	82
PGPS	49
SRDG	6
TJGS	153
<b>TNB Total</b>	<b>395</b>
KLPP	3
PGLA	91
PLPS	99
SGB3	85
SKSP	56
YPGS	35
YPKA	134
<b>IPP Total</b>	<b>503</b>
<b>Total Gas</b>	<b>898</b>
<b>Total Gas Required :</b>	<b>1,029</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	127
TJGS	3
<b>Total</b>	<b>131</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,376.00	16.39 %
Gas	50,852.00	17.59 %
Hydro	23,288.00	8.06 %
Distillate	459.00	0.16 %
<b>Total TNB</b>	<b>121,975.0</b>	<b>42.19 %</b>
ST-Coal	85,723.0	29.65 %
ST-Oil	12,492.0	4.32 %
Gas	66,772.0	23.10 %
<b>Total IPP</b>	<b>164,987.0</b>	<b>57.07 %</b>
Co-Gen	1,371.0	0.47 %
<b>Total Co-Gen</b>	<b>1,371.0</b>	<b>0.47 %</b>
<b>Total Generation</b>	<b>288,333.0</b>	<b>99.73 %</b>
PLTG	-76.0	-0.03 %
HVDC	-697.0	-0.24 %
<b>Interconnection</b>	<b>-773.0</b>	<b>-0.27 %</b>
<b>Net Energy</b>	<b>289,106.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	428
Hydro	155
Syncon	217
Thermal	49
<b>Total</b>	<b>850</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





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>		12356	12110	11842	11468	11411	11022	10958	10812	10668	10464	10622	10459	10716	10714	10527	10349	10402	11056	11624	11982	12295	12653	12951	12990	12890	12701	12508	12614	12807	12825	12834	12827	12846	12811	12524	12400	12150	12041	12090	12931	13207	13221	13178	13066	12840	12849	12520	12389				
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	0
TIE-HVDC		-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-28	-30	-30	-29	-29	-29	-29	-29	-29	-29	-28	-29	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		12	3	27	-35	-27	2	-14	114	-14	-24	-84	1	8	-105	89	77	80	0	-59	-46	-8	-37	-16	-13	-6	27	36	30	-42	-53	-28	-29	-26	-28	103	39	36	-29	-6	-89	-30	16	64	69	52	0	-36	-24				
<b>Interconnection</b>		-18	-27	-3	-65	-56	-27	-43	85	-43	-53	-113	-28	-21	-133	61	48	52	-30	-89	-75	-37	-66	-45	-42	-35	-1	7	2	-71	-81	-58	-59	-55	-56	74	10	7	-58	-35	-118	-59	-13	34	39	23	-29	-65	-53				
<b>System Total</b>		12374	12137	11845	11533	11467	11049	11001	10727	10711	10517	10735	10487	10737	10847	10466	10301	10350	11086	11713	12057	12332	12719	12996	13032	12925	12702	12501	12612	12878	12906	12892	12886	12901	12867	12450	12390	12143	12099	12125	13049	13266	13234	13144	13027	12817	12878	12585	12442				
SRev ST-Coal		40	34	39	42	82	66	74	81	185	136	135	120	79	72	142	241	233	61	49	48	46	58	50	56	51	51	56	53	66	48	53	52	53	62	46	49	53	32	43	38	126	121	1	73	62	68	70	62				
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 ST-Oil		23	23	23	23	23	23	23	23	56	56	56	56	56	56	-3	-6	-6	-6	-6	-6	-5	-5	0	0	5	8	9	7	1	1	-1	10	20	20	19	20	22	22	7	6	7	7	7	-3	3	20	22	22				
SRev CCGT-Gas		442	735	731	1032	926	1109	1090	1060	1067	999	972	1021	984	980	1117	1167	1154	872	741	651	645	405	382	447	410	417	591	490	423	455	460	465	488	510	606	633	1031	1101	961	546	544	554	555	570	608	605	682	668				
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	0
SRev Distillate		361	262	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		453	302	453	453	453	453	413	453	539	539	539	539	539	453	453	453	539	302	302	453	453	453	151	151	151	453	453	453	302	302	302	302	302	151	302	302	302	453	453	151	0	0	0	151	302	302	302	302				
Hydro		34	243	95	59	37	112	202	334	92	171	58	226	134	187	279	229	195	236	317	162	194	111	279	259	397	182	197	197	214	181	164	157	99	256	316	318	164	79	179	97	116	96	193	180	176	84	202	324				
<b>S.Reserve Total</b>		1358	1604	1514	1614	1521	1763	1802	1951	1939	1901	1760	1962	1706	1748	1988	2170	2115	1465	1403	1308	1333	1022	904	954	1055	1111	1306	1200	1006	987	978	986	962	999	1289	1322	1572	1687	1643	932	874	857	836	1010	1151	1079	1278	1378				