

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,246 MW
Hydro	1,860 MW
Distillate	0 MW
Total TNB	8,236 MW
Total IPP	11,206 MW
Total Co-Gen	83 MW
System Total	19,525 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,887 MW
IPP Generation	7,803 MW
Total Set On Bus	13,728 MW
Maximum Demand	12,717 MW
Spinning Reserve	955 MW
Net Energy	280,718 MWH
Load Factor	92.0 %

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	12206	11754	11248	10775	10650	10538	10581	10355	10323	11302	11955	12328	12362	12008	12196	12259	12329	12029	11629	11632	12717	12549	12276	12185

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	31
PGPS	48
TJGS	137
TNB Total	263
KLPP	4
MPSS	47
PGLA	105
PKLG	15
PLPS	73
SGB3	56
SGRI	0
SKSP	56
YPGS	35
YPKA	136
IPP Total	528
Total Gas	791

Total Gas Required : 828
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	37
Total	37

Generation Mix

Type	MWh	Percentage
ST-Coal	47,011.00	16.75 %
Gas	35,121.00	12.51 %
Hydro	18,585.00	6.62 %
Total TNB	100,717.0	35.88 %
ST-Coal	105,857.0	37.71 %
ST-Gas	1,464.0	0.52 %
ST-Oil	3,585.0	1.28 %
Gas	67,834.0	24.16 %
Total IPP	178,740.0	63.67 %
Co-Gen	1,950.0	0.69 %
Total Co-Gen	1,950.0	0.69 %
Total Generation	281,407.0	100.25 %
PLTG	-30.0	-0.01 %
HVDC	719.0	0.26 %
Interconnection	689.0	0.25 %
Net Energy	280,718.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	342
Hydro	207
Syncon	413
Thermal	61
Total	1023

Weather Temperature

Weather	Temperature
Morning	Rainy 26
Afternoon	Hot 35

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																									
System Total		12206	11857	11754	11400	11248	11119	10775	10682	10650	10582	10538	10505	10581	10454	10355	10175	10323	10674	11302	11578	11955	12206	12328	12599	12362	12220	12008	12218	12196	12412	12259	12239	12329	12098	12029	11677	11629	11520	11632	12482	12717	12684	12549	12520	12276	12368	12185	12015	
SRev ST-Coal		65	68	47	64	61	38	51	162	161	265	303	371	299	304	405	412	397	374	46	58	70	52	59	41	39	52	33	67	62	37	55	54	53	54	62	61	63	65	53	53	71	83	86	80	86	63	74	132	
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
SRev ST-Oil		-7	-6	-6	0	22	50	56	27	27	27	27	27	27	27	27	27	10	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
SRev CCGT-Gas		900	1004	1068	1168	1133	1128	1186	1173	1197	1225	1207	1176	1149	1202	1106	1192	1086	1093	837	705	633	646	332	261	311	569	635	518	450	387	444	478	462	485	479	697	542	388	368	143	212	292	138	103	129	116	206	180	
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
Syncon		453	453	302	302	539	539	539	539	539	539	388	388	388	388	388	539	539	388	388	539	539	625	474	625	540	454	540	540	540	540	540	540	540	474	625	625	625	625	625	474	323	323	625	625	474	474	474		
Hydro		201	151	257	371	108	94	242	189	195	234	104	197	271	296	285	254	222	124	299	242	200	164	400	206	346	303	315	169	276	161	226	228	127	407	326	274	241	304	210	252	311	286	113	71	309	300	374	355	
S.Reserve Total		1617	1675	1673	1910	1868	1854	2079	2095	2124	2295	2185	2164	2139	2222	2216	2429	2276	2011	1585	1549	1447	1492	1275	1143	1246	1388	1561	1332	1366	1248	1388	1338	1305	1458	1530	1695	1509	1420	1294	960	955	1022	995	912	1031	986	1161	1174	