

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,241 MW
Hydro	1,829 MW
Distillate	0 MW
Total TNB	7,600 MW
Total IPP	11,682 MW
Total Co-Gen	69 MW
System Total	19,351 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	4,881 MW
IPP Generation	10,003 MW
Total Set On Bus	15,966 MW
Maximum Demand	15,046 MW
Spinning Reserve	1,013 MW
Net Energy	309,229 MWH
Load Factor	85.6 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	12019	11378	11001	10759	10599	10696	10885	10648	11317	12941	13774	14366	14293	14156	14704	15011	15046	14358	13635	13312	13805	14120	13780	13460

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	30
PGGS	2
PGPS	49
SRDG	23
TJGS	210
TNB Total	371

Alternate Fuel Usage

Station	(mmscfd)
PKLG	38
Total	38

Generation Mix

Type	MWh	Percentage
ST-Coal	33,059.00	10.69 %
Gas	49,534.00	16.02 %
Hydro	12,152.00	3.93 %
Total TNB	94,745.0	30.64 %
ST-Coal	106,642.0	34.49 %
ST-Oil	3,698.0	1.20 %
Gas	101,731.0	32.90 %
Total IPP	212,071.0	68.58 %
Co-Gen	1,964.0	0.64 %
Total Co-Gen	1,964.0	0.64 %
Total Generation	308,780.0	99.85 %
PLTG	250.0	0.08 %
HVDC	-699.0	-0.23 %
Interconnection	-449.0	-0.15 %
Net Energy	309,229.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	261
Hydro	154
Syncon	471
Thermal	43
Total	929

Weather
Temperature

Morning	Sunny	26
Afternoon	Hot	35

Total Gas Required : 1,192
Gas Calorific Value : 38,500

Daily MW Generation On Tuesday

07-Aug-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																									
PCUF	CUFK	33	33	32	33	32	32	30	30	29	32	30	30	29	30	29	33	32	31	28	26	26	25	24	24	24	24	24	25	24	23	21	22	22	23	23	22	25	27	30	33	33	34	34	33	35				
Total Co-Gen		84	84	83	84	84	83	81	80	79	83	81	81	80	81	80	85	83	82	78	75	74	73	71	70	70	68	69	69	70	69	71	71	69	66	67	66	69	69	68	72	76	79	81	79	81	82	80	83	
Total Gen		12043	11618	11403	11168	10993	10860	10778	10545	10576	10622	10644	10614	10751	10805	10719	10722	11257	12147	12857	13369	13700	14107	14252	14448	14289	14090	14156	14397	14681	14958	14980	14970	14953	14882	14330	13908	13593	13353	13269	13461	13787	14058	14084	13973	13783	13651	13333	13187	
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
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28	-29	-30	-29	-30	-30	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		53	62	54	-25	21	-15	48	-31	6	70	-23	-48	-105	78	100	29	-31	22	-55	-54	-45	-27	-85	-98	25	-95	30	-8	5	-36	-1	-33	-63	-7	1	34	-13	-31	-13	-17	12	35	-7	31	32	22	-98	-6	
Interconnection		24	33	25	-54	-8	-44	19	-60	-23	41	-52	-77	-134	49	71	0	-60	-7	-84	-83	-74	-56	-114	-127	-4	-125	0	-36	-23	-65	-31	-62	-93	-37	-28	5	-42	-60	-43	-47	-18	5	-36	2	3	-7	-127	-35	
System Total		12019	11585	11378	11222	11001	10904	10759	10605	10599	10581	10696	10691	10885	10756	10648	10722	11317	12154	12941	13452	13774	14163	14366	14575	14293	14215	14156	14433	14704	15023	15011	15032	15046	14919	14358	13903	13635	13413	13312	13508	13805	14053	14120	13971	13780	13658	13460	13222	
SRev ST-Coal		26	27	32	21	35	36	27	178	207	144	202	201	191	98	129	114	26	29	30	38	32	29	25	28	52	194	99	88	56	99	27	33	41	43	34	26	35	31	26	31	32	36	36	35	26	26	36	34	
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	28	12	1	0	0	0	0	0	0	0	16	7	0	0	0	0	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
SRev CCGT-Gas		1068	1492	1546	1598	1726	1848	1923	2036	1951	2183	2133	2136	2075	2099	2161	2207	2039	1151	606	423	351	291	242	193	358	178	313	273	242	218	219	220	229	219	232	221	342	398	481	276	204	164	152	212	212	316	316	381	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	11	11	11	10	14	12	13	21	25	95	100	100	100	236	100	4	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		554	554	554	554	640	726	726	575	726	726	575	726	575	726	726	726	726	640	640	489	539	539	539	539	539	625	625	388	539	388	388	539	539	539	539	726	726	726	726	726	474	625	625	625	474	726	726		
Hydro		115	115	120	110	57	65	76	195	67	76	195	72	188	70	78	81	26	117	71	243	165	161	218	217	216	182	122	252	210	162	252	106	104	175	261	60	106	140	146	158	158	243	101	101	152	266	165	51	
S.Reserve Total		1763	2188	2252	2283	2458	2675	2752	2984	2951	3129	3105	3135	3057	3021	3122	3156	2845	1965	1375	1205	1129	1031	1041	994	1181	1193	1171	1014	1068	908	988	998	1013	1076	1352	1161	1241	1323	1407	1219	1148	945	942	1001	1043	1110	1271	1220	