

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,577 MW
Hydro	1,854 MW
Distillate	0 MW
Total TNB	6,881 MW
Total IPP	10,266 MW
Total Co-Gen	79 MW
System Total	17,790 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 22:30	
TNB Generation	4,237 MW
IPP Generation	9,017 MW
Total Set On Bus	14,261 MW
Maximum Demand	13,403 MW
Spinning Reserve	928 MW
Net Energy	283,088 MWH
Load Factor	88.0 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12832	12669	12206	11512	11114	11060	11061	10689	9911	10427	11241	11648	11724	11705	11945	12117	12248	11947	11895	11968	12846	13165	13234	13181

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	57
PAKA	47
PGPS	32
SRDG	10
TJGS	108
TNB Total	311
KLPP	113
MPSS	55
PGLA	82
PLPS	76
SGB3	63
SGRI	177
SKSP	5
YPGS	64
YPKA	129
IPP Total	764
Total Gas	1,075

Total Gas Required : 1,075
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,981.00	11.65 %
Gas	39,990.00	14.13 %
Hydro	12,312.00	4.35 %
Total TNB	85,283.0	30.13 %
ST-Coal	95,915.0	33.88 %
Gas	100,155.0	35.38 %
Total IPP	196,070.0	69.26 %
Co-Gen	2,006.0	0.71 %
Total Co-Gen	2,006.0	0.71 %
Total Generation	283,359.0	100.10 %
PLTG	-454.0	-0.16 %
HVDC	725.0	0.26 %
Interconnection	271.0	0.10 %
Net Energy	283,088.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	245
Hydro	152
Syncon	347
Thermal	170
Total	914

	Weather	Temperature
Morning	Sunny	25
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																												
TIE-HVDC		30	30	30	30	31	31	31	31	30	30	31	31	30	30	30	30	30	30	29	29	30	30	31	31	30	30	31																									
TIE-PLTG		-23	-58	-105	-132	-125	-2	-70	-16	-48	-77	33	8	-94	9	-30	106	12	-20	11	-29	-80	-121	-53	-72	-26	-24	-25	-11	26	11	-44	-79	-35	38	-13	16	72	33	-18	43	-31	28	-59	-28	-22	-100	-7	34				
Interconnection		7	-28	-75	-102	-95	29	-39	15	-17	-47	63	39	-63	39	0	136	42	10	41	2	-49	-91	-23	-42	4	6	5	19	56	41	-14	-49	-5	67	16	46	102	63	13	72	0	58	-29	3	9	-70	23	65				
System Total		12832	12557	12609	12511	12206	11878	11512	11207	11114	11177	11060	10937	11061	10926	10689	10109	9911	10119	10430	10745	11241	11467	11648	11725	11724	11642	11705	11776	11945	12090	12117	12236	12248	12128	11947	11969	11895	11902	11968	12476	12846	13003	13165	13247	13234	13403	13181	13032				
SRev ST-Coal		216	214	210	209	200	216	235	211	215	221	217	213	221	218	214	316	473	334	213	210	208	208	219	210	213	210	215	221	209	214	217	206	209	215	209	209	204	206	214	208	211	208	209	210	212	207	219	222				
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		91	122	131	145	220	170	786	1050	894	879	844	886	940	951	1220	1479	1489	1467	1219	930	512	328	180	180	215	243	231	230	469	410	257	318	320	305	446	631	621	707	698	521	456	384	355	230	211	184	202	187				
SRev OCGT-Gas		86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		474	474	474	625	625	625	625	625	625	474	625	625	625	625	625	625	726	726	726	726	726	726	474	625	625	474	625	539	302	302	539	539	539	625	625	625	625	726	726	625	453	302	151	151	302	302	302	474				
Hydro		274	337	171	153	98	246	153	173	102	223	95	203	97	116	161	238	165	147	137	150	140	134	268	81	88	299	82	84	118	172	114	116	133	110	208	209	246	174	161	217	336	227	361	349	217	167	210	84				
S.Reserve Total		1141	1147	986	1132	1143	1257	1799	2059	1836	1797	1781	1927	1883	1910	2220	2658	2853	2674	2295	2016	1586	1396	1141	1096	1141	1226	1153	1074	1098	1098	1127	1179	1201	1255	1488	1674	1696	1813	1799	1659	1463	1129	1126	1010	1012	928	1002	1038				