

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,249 MW
Hydro	1,837 MW
Distillate	0 MW
Total TNB	7,226 MW
Total IPP	11,341 MW
Total Co-Gen	72 MW
System Total	18,639 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,394 MW
IPP Generation	10,089 MW
Total Set On Bus	16,636 MW
Maximum Demand	15,763 MW
Spinning Reserve	1,081 MW
Net Energy	335,484 MWH
Load Factor	88.7 %

Maximum Demand Record

Date :	16/04/2013	16,356.0 MW
Date :	16/04/2013	338,800.0 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	13822	13040	12478	12215	11939	11830	11897	11769	12233	13902	14817	15470	15475	15131	15568	15698	15746	15332	14259	13947	15104	15010	14557	14335

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	56
PAKA	114
PGPS	36
SRDG	27
TJGS	106
TNB Total	385
KLPP	108
MPSS	53
PDPS	7
PGLA	90
PKLG	7
PLPS	104
PTEK	1
SGB3	15
SGRI	203
SKSP	48
YPGS	68
YPKA	70
IPP Total	775
Total Gas	1,160

Total Gas Required : 1,297
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	7
PKLG	130
Total	136

Generation Mix

Type	MWh	Percentage
ST-Coal	49,286.00	14.69 %
ST-Gas	180.00	0.05 %
ST-Oil	632.00	0.19 %
Gas	47,143.00	14.05 %
Hydro	13,118.00	3.91 %
Total TNB	110,359.0	32.90 %
ST-Coal	106,961.0	31.88 %
ST-Oil	12,738.0	3.80 %
Gas	99,747.0	29.73 %
Total IPP	219,446.0	65.41 %
Co-Gen	2,079.0	0.62 %
Total Co-Gen	2,079.0	0.62 %
Total Generation	331,884.0	98.93 %
PLTG	-4,324.0	-1.29 %
HVDC	724.0	0.22 %
Interconnection	-3,600.0	-1.07 %
Net Energy	335,484.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	356
Hydro	143
Syncon	502
Thermal	42
Total	1042

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	34

Daily MW Generation On Wednesday

17-Apr-2013

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
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	32	28	34	36	36	27	32	35	26	35	31	21	32	23	37	24	28	33	24	32	39	32	30	31
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		505	496	496	500	503	476	512	517	472	502	486	459	489	490	506	350	459	515	446	578	593	627	673	698
PCUF	CUFG	43	43	44	44	43	44	43	44	43	44	44	43	43	44	43	45	44	43	44	43	44	43	44	43
PCUF	CUFK	34	36	40	39	41	41	40	40	41	39	40	39	40	40	41	40	36	36	36	34	32	31	30	29
Total Co-Gen		77	79	84	83	84	85	83	84	83	85	83	83	83	83	85	83	81	80	79	78	76	74	74	72
Total Gen		13667	13357	12834	12697	12290	12302	12104	11808	11908	11601	11696	11657	11789	11928	11599	11449	12068	13066	13742	14334	14705	14978	15372	15380
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
TIE-HVDC		30	30	31	31	31	30	30	30	30	31	31	31	30	30	30	30	31	29	31	29	31	31	29	29
TIE-PLTG		-185	-104	-237	-198	-219	-180	-141	-225	-61	-243	-164	-72	-139	-125	-200	-77	-195	-174	-190	-129	-142	-128	-188	-194
Interconnection		-155	-74	-206	-167	-188	-149	-111	-195	-31	-213	-134	-41	-108	-94	-170	-47	-165	-144	-160	-99	-112	-111	-98	-158
System Total		13822	13431	13040	12864	12478	12451	12215	12003	11939	11814	11830	11698	11897	12022	11769	11496	12233	13210	13902	14433	14817	15089	15470	15538
SRev ST-Coal		4	5	4	22	9	0	21	84	83	69	68	71	45	12	-1	15	2	22	12	10	100	49	32	27
SRev ST-Oil		7	7	18	23	16	16	18	15	14	14	12	12	14	78	59	30	26	25	23	26	26	14	16	6
SRev CCGT-Gas		659	463	977	1094	1525	1496	1705	1874	1678	2033	2034	2055	1977	1872	2236	2233	2097	1137	631	359	353	427	207	237
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	64	78	168	136	280	107	163
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
Syncon		625	625	625	625	625	474	625	625	625	625	625	474	625	625	625	474	625	625	625	474	625	625	625	625
Hydro		100	109	109	105	102	129	243	87	130	100	116	143	115	265	98	405	143	87	156	175	265	281	135	196
S.Reserve Total		1387	1209	1733	1869	2277	2266	2461	2685	2530	2841	2855	2906	2776	2637	3036	3186	2897	1897	1449	1136	1282	1335	1181	1151