

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,571 MW
Hydro	1,854 MW
Distillate	0 MW
Total TNB	7,565 MW
Total IPP	8,449 MW
Total Co-Gen	78 MW
System Total	16,092 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	7,130 MW
IPP Generation	8,172 MW
Total Set On Bus	16,066 MW
Maximum Demand	15,610 MW
Spinning Reserve	686 MW
Net Energy	316,683 MWH
Load Factor	84.5 %

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	11921	11273	10764	10597	10277	10229	10476	10713	11575	13607	14603	15285	15167	14975	15389	15323	15282	14980	13931	14099	14547	14336	13769	13306

Gas Usage

Station	(mmscfd)
CBPS	78
GLGR	65
PAKA	197
PGGS	13
PGPS	53
SRDG	64
TJGS	108
TNB Total	578
KLPP	78
MPSS	58
PDPS	42
PGLA	58
PKLG	74
PTEK	56
SGB3	79
SGRI	223
SKSP	55
YPGS	56
YPKA	125
IPP Total	903
Total Gas	1,480
Total Gas Required :	1,537
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PDPS	10
PGPS	6
PKLG	33
SGB3	8
Total	57

Generation Mix

Type	MWh	Percentage
ST-Coal	49,550.00	15.65 %
ST-Gas	1,349.00	0.43 %
Gas	67,786.00	21.41 %
Hydro	22,142.00	6.99 %
Distillate	480.00	0.15 %
Total TNB	141,307.0	44.62 %
ST-Coal	56,242.0	17.76 %
ST-Gas	7,169.0	2.26 %
ST-Oil	3,236.0	1.02 %
Gas	104,142.0	32.89 %
Distillate	1,574.0	0.50 %
Total IPP	172,363.0	54.43 %
Co-Gen	1,916.0	0.61 %
Total Co-Gen	1,916.0	0.61 %
Total Generation	315,586.0	99.65 %
PLTG	104.0	0.03 %
HVDC	-1,201.0	-0.38 %
Interconnection	-1,097.0	-0.35 %
Net Energy	316,683.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	392
Hydro	262
Syncon	126
Thermal	70
Total	850

Weather Temperature

Weather	Temperature
Morning	Sunny 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																								
Hydro		116	248	354	169	244	279	170	215	162	178	184	188	108	89	202	80	140	53	156	135	151	158	264	254	258	236	294	365	308	337	389	379	383	357	428	222	180	241	219	309	347	358	337	348	411	369	214	236
S.Reserve Total		969	1077	1221	1145	1586	1874	1924	2169	2290	2282	2288	2298	2150	1960	2281	1939	1803	1075	1409	1264	1072	1071	818	772	926	835	900	785	672	686	947	936	981	954	1103	1347	1649	1907	1529	1145	1195	1004	1023	853	1006	823	989	1091