

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,486 MW
Hydro	1,827 MW
Distillate	0 MW
Total TNB	7,453 MW
Total IPP	10,437 MW
Total Co-Gen	82 MW
System Total	17,972 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:30	
TNB Generation	4,716 MW
IPP Generation	8,467 MW
Total Set On Bus	14,272 MW
Maximum Demand	13,244 MW
Spinning Reserve	1,007 MW
Net Energy	280,535 MWH
Load Factor	88.3 %

Maximum Demand Record

Date :	19/03/2013	16,133.0MW
Date :	20/03/2013	333,019.0MWH

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	13160	12482	11981	11496	11155	10756	10761	10584	10066	10368	10982	11426	11598	11480	11702	11778	11703	11482	11346	11730	13137	13137	13009	12777

Gas Usage

Station	(mmscfd)
CBPS	10
GLGR	51
PAKA	68
PGPS	24
SRDG	10
TJGS	111
TNB Total	273

Alternate Fuel Usage

Station	(mmscfd)
PGPS	6
PKLG	132
Total	138

Generation Mix

Type	MWh	Percentage
ST-Coal	49,116.00	17.51 %
ST-Oil	578.00	0.21 %
Gas	34,965.00	12.46 %
Hydro	13,155.00	4.69 %
Total TNB	97,814.0	34.87 %
ST-Coal	83,834.0	29.88 %
ST-Oil	12,974.0	4.62 %
Gas	84,986.0	30.29 %
Total IPP	181,794.0	64.80 %
Co-Gen	2,155.0	0.77 %
Total Co-Gen	2,155.0	0.77 %
Total Generation	281,763.0	100.44 %
PLTG	503.0	0.18 %
HVDC	725.0	0.26 %
Interconnection	1,228.0	0.44 %
Net Energy	280,535.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	384
Hydro	114
Syncon	477
Thermal	18
Total	993

KLPP	101
MPSS	37
PGLA	102
PLPS	99
SGRI	173
SKSP	14
YPGS	61
YPKA	62
IPP Total	650
Total Gas	924

Total Gas Required : 1,062
Gas Calorific Value : 38.500

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 34

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-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	31	31	30	30	30	29	29	30	30	31	31	32	29	30	30	31	29	29	30	30	31	31	30	30
TIE-PLTG	66	18	54	70	46	19	81	59	67	35	92	80	86	-60	147	59	-24	30	33	-42	30	-6	-35	6
Interconnection	97	49	84	100	76	49	110	88	97	65	123	111	118	-31	177	89	7	59	62	-11	61	25	-5	36
System Total	13160	12894	12482	12092	11981	11764	11496	11370	11155	10971	10756	10686	10761	10958	10584	10266	10066	10221	10368	10750	10982	11231	11426	11598
SRev ST-Coal	9	25	53	72	17	76	69	24	18	16	13	57	67	60	79	236	273	265	125	83	13	8	8	8
SRev ST-Oil	13	13	11	13	15	16	23	20	18	21	19	15	13	13	15	14	12	14	14	14	15	15	14	11
SRev CCGT-Gas	345	560	475	485	681	480	692	862	1082	1354	1589	1615	1533	1512	1654	1793	2037	1804	1815	1631	1334	1127	917	611
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
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	474	625	625	474	625	625	625	625	625	625	625	474	625	625
Hydro	117	83	82	86	82	80	207	148	148	155	140	317	156	135	285	149	143	173	152	83	140	292	150	180
S.Reserve Total	1109	1306	1246	1281	1420	1277	1465	1679	1891	2171	2386	2478	2394	2345	2507	2822	3095	2886	2736	2441	2132	1921	1714	1284