

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,176 MW
Hydro	1,833 MW
Distillate	0 MW
Total TNB	8,219 MW
Total IPP	10,356 MW
Total Co-Gen	53 MW
System Total	18,908 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,024 MW
IPP Generation	8,448 MW
Total Set On Bus	15,609 MW
Maximum Demand	14,557 MW
Spinning Reserve	1,084 MW
Net Energy	304,152 MWH
Load Factor	87.1 %

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	12029	11465	11031	10676	10550	10326	10431	10747	11138	12814	13549	14114	14253	14003	14406	14403	14348	14109	13261	13187	13776	13573	12983	12553

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	57
PAKA	136
PGPS	53
SRDG	16
TJGS	207
TNB Total	514
KLPP	75
MPSS	54
PDPS	3
PGLA	89
PLPS	97
SGB3	85
SGRI	57
SKSP	53
YPKA	138
IPP Total	651
Total Gas	1,165
Total Gas Required :	1,165
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,313.00	16.21 %
Gas	67,071.00	22.05 %
Hydro	7,573.00	2.49 %
Total TNB	123,957.0	40.75 %
ST-Coal	94,559.0	31.09 %
Gas	84,390.0	27.75 %
Distillate	241.0	0.08 %
Total IPP	179,190.0	58.91 %
Co-Gen	1,525.0	0.50 %
Total Co-Gen	1,525.0	0.50 %
Total Generation	304,672.0	100.17 %
PLTG	-208.0	-0.07 %
HVDC	728.0	0.24 %
Interconnection	520.0	0.17 %
Net Energy	304,152.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	281
Hydro	205
Syncon	517
Thermal	24
Total	1027

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Cloudy 33

Daily MW Generation On Thursday

20-Dec-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
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	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG	-67	-19	1	-52	-44	-73	59	-104	-105	-11	-21	-69	-88	20	-52	27	-12	60	-71	20	14	-63	-12	39
Interconnection	-37	11	31	-22	-14	-43	89	-74	-75	19	9	-39	-58	50	-21	58	18	90	-40	51	45	-32	19	70
System Total	12029	11649	11465	11308	11031	10981	10676	10537	10550	10463	10326	10400	10431	10680	10747	10667	11138	11937	12814	13084	13549	13928	14114	14243
SRev ST-Coal	17	3	23	11	11	13	18	209	208	199	332	331	327	207	189	190	46	28	7	11	47	19	-3	35
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
SRev ST-Oil	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	639	992	1163	1373	1624	1696	1864	1983	1971	1973	1989	1963	1978	1808	1744	1760	1440	962	814	785	393	164	206	237
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	641	726	575	575	726	726	726	726	726	726	726	575	575	726	575	726	726	726	726	726	726	726	726	726
Hydro	142	133	255	267	134	136	138	132	132	134	130	132	261	193	128	261	141	146	239	137	146	252	390	424
S.Reserve Total	1439	1854	2016	2226	2495	2571	2746	3050	3037	3032	3177	3152	3141	2783	2787	2786	2353	1862	1786	1659	1312	1010	1047	958