

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,871	MW
Hydro	1,836	MW
Distillate	360	MW
Total TNB	8,277	MW
Total IPP	10,822	MW
Total Co-Gen	47	MW
System Total	19,146	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,739	MW
IPP Generation	9,103	MW
Total Set On Bus	15,995	MW
Maximum Demand	14,880	MW
Spinning Reserve	1,106	MW
Net Energy	308,527	MWH
Load Factor	86.4	%

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	12020	11347	11008	10687	10437	10393	10590	10738	11311	13021	13901	14704	14652	14336	14784	14831	14671	14286	13454	13730	13990	13696	12906	12552

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	32
PAKA	78
PGPS	21
TJGS	190
TNB Total	369
KLPP	88
MPSS	55
PGLA	53
PLPS	105
SGB3	82
SGRI	73
SKSP	56
YPGS	69
YPKA	132
IPP Total	714
Total Gas	1,083
Total Gas Required :	1,194
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	9
PDPS	12
PGPS	5
PKLG	62
SRDG	23
Total	110

Generation Mix

Type	MWh	Percentage
ST-Coal	49,419.00	16.02 %
Gas	49,449.00	16.03 %
Hydro	11,208.00	3.63 %
Distillate	2,575.00	0.83 %
Total TNB	112,651.0	36.51 %
ST-Coal	93,039.0	30.16 %
ST-Oil	6,049.0	1.96 %
Gas	92,822.0	30.09 %
Distillate	2,213.0	0.72 %
Total IPP	194,123.0	62.92 %
Co-Gen	1,423.0	0.46 %
Total Co-Gen	1,423.0	0.46 %
Total Generation	308,197.0	99.89 %
PLTG	-1,052.0	-0.34 %
HVDC	722.0	0.23 %
Interconnection	-330.0	-0.11 %
Net Energy	308,527.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	306
Hydro	180
Syncon	499
Thermal	-12
Total	972

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

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
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	19	18	19	18	18	17	17	18	17	18	18	18	17	17	17	17	16	16	16	16	16	16	16	16
PCUF	CUFK	39	38	38	38	39	39	39	40	38	38	40	39	38	39	39	40	39	37	36	34	32	31	29	30
Total Co-Gen		58	56	57	56	57	56	56	58	55	56	58	57	56	57	56	56	54	53	51	49	48	46	46	47
Total Gen		12139	11729	11394	11116	11029	10797	10666	10500	10441	10342	10400	10424	10634	10870	10810	10752	11337	12287	13072	13600	13947	14348	14684	14807
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	31	31	29	29	31	31	30	30	30	30	30	30	30	30	30	30	31	31	30
TIE-PLTG		89	-2	17	-50	-9	-45	-52	-1	-25	-17	-24	-42	14	8	42	2	-3	-47	21	-4	16	-84	-50	-24
Interconnection		119	28	47	-20	21	-14	-21	28	4	14	7	-12	44	38	72	31	26	-17	51	26	46	-54	-20	6
System Total		12020	11701	11347	11136	11008	10811	10687	10472	10437	10328	10393	10436	10590	10832	10738	10721	11311	12304	13021	13574	13901	14402	14704	14801
SRev ST-Coal		13	0	14	-9	0	138	201	172	257	238	255	259	192	130	-10	70	-1	1	-4	-13	-6	-13	-16	-21
SRev ST-Oil		-1	22	48	56	56	28	28	28	28	28	28	28	28	28	28	28	28	-9	-9	-10	2	-5	-10	-10
SRev CCGT-Gas		369	690	788	952	964	991	1092	1228	1260	1312	1270	1268	1120	948	1086	1133	1191	1053	814	401	389	260	228	217
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 Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	6	15	14	20	19	18
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	726	575	726	726	726	726	575	726	726	726	726	726	625	625	625	625	625	625	625	625	625	625	625
Hydro		176	111	257	91	102	110	77	118	208	125	94	218	71	70	131	62	201	237	134	98	123	241	360	274
S.Reserve Total		1182	1549	1682	1816	1848	1993	2124	2272	2328	2429	2373	2348	2137	1902	1961	2019	2145	1907	1560	1101	1202	1114	1051	948