

Availability At Daily Maximum Demand Hour

ST-Coal	2,075	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,976	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	8,024	MW
Total IPP	10,062	MW
Total Co-Gen	42	MW
System Total	18,128	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,375	MW
IPP Generation	8,659	MW
Total Set On Bus	16,129	MW
Maximum Demand	15,063	MW
Spinning Reserve	1,053	MW
Net Energy	304,704	MWH
Load Factor	84.3	%

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	11307	10832	10431	10199	9959	9752	9975	10224	11114	12972	14027	14731	14744	14521	14870	14910	14781	14421	13588	13680	13875	13576	13117	12483

Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	57
PAKA	122
SRDG	34
TJGS	204
TNB Total	467
KLPP	97
MPSS	54
PDPS	4
PGLA	55
PKLG	7
PLPS	109
SGB3	79
SGRI	69
SKSP	56
YPGS	68
YPKA	105
IPP Total	703
Total Gas	1,170

Alternate Fuel Usage

Station	(mmscfd)
PKLG	40
Total	40

Generation Mix

Type	MWh	Percentage
ST-Coal	48,552.00	15.93 %
Gas	59,260.00	19.45 %
Hydro	12,155.00	3.99 %
Total TNB	119,967.0	39.37 %
ST-Coal	87,893.0	28.85 %
ST-Oil	3,881.0	1.27 %
Gas	90,869.0	29.82 %
Total IPP	182,643.0	59.94 %
Co-Gen	1,290.0	0.42 %
Total Co-Gen	1,290.0	0.42 %
Total Generation	303,900.0	99.74 %
PLTG	-194.0	-0.06 %
HVDC	-610.0	-0.20 %
Interconnection	-804.0	-0.26 %
Net Energy	304,704.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	318
Hydro	203
Syncon	414
Thermal	37
Total	973

Weather

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Total Gas Required : 1,210
Gas Calorific Value : 38,500

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	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	
TMGR	HY02	31	35	31	32	33	27	32	31	36	35	35	29	34	38	29	33	42	41	33	34	44	31	33	
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	
TMGR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
Total Hydro		229	235	228	231	232	217	251	225	266	257	239	243	235	258	224	232	278	277	495	526	970	833	981	
PCUF	CUFG	17	17	17	17	17	18	17	18	18	18	18	18	17	17	17	16	16	16	16	16	15	15	16	
PCUF	CUFK	30	31	31	32	31	32	32	34	33	33	34	33	34	34	32	34	33	30	30	29	26	26	27	
Total Co-Gen		47	48	48	49	48	50	49	52	51	51	52	51	52	50	51	50	48	47	46	43	43	44	42	
Total Gen		11333	11050	10879	10574	10362	10300	10082	9983	9820	9754	9671	9771	9876	10131	10267	10528	11076	12221	12963	13468	14004	14385	14704	
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	
TIE-HVDC		31	31	29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-30	-30	-28	-28	-28	-30	-30	-30	-30	-29	-29	
TIE-PLTG		-5	-79	18	-22	-40	14	-88	-38	-110	-69	-53	7	-70	-81	73	-11	-10	-10	19	-17	7	58	3	
Interconnection		26	-48	47	-51	-69	-15	-117	-67	-139	-97	-81	-22	-99	-111	43	-39	-38	-38	-9	-47	-23	28	-27	
System Total		11307	11098	10832	10625	10431	10315	10199	10050	9959	9851	9752	9793	9975	10242	10224	10567	11114	12259	12972	13515	14027	14387	14731	
SRev ST-Coal		30	20	36	94	220	222	343	468	532	521	569	562	554	479	326	94	21	6	31	46	55	27	28	
SRev ST-Oil		0	0	0	0	0	28	28	28	28	28	28	28	28	28	28	28	6	0	28	28	3	3	3	
SRev CCGT-Gas		363	663	811	1031	1120	1199	1444	1505	1559	1609	1639	1555	1446	1445	1491	1510	1143	660	716	277	385	344	406	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	55	18	13	21	
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	
Syncon		726	726	726	726	726	575	726	726	575	726	575	726	726	726	726	726	424	424	273	273	273	273	273	
Hydro		112	106	113	110	109	124	241	116	73	235	102	249	106	83	117	109	63	64	248	367	224	361	213	
S.Reserve Total		1231	1515	1686	1961	2175	2299	2631	2843	2920	2968	3064	2969	2860	2761	2688	2467	1981	1462	1419	1142	1137	1063	941	

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
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