

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,412	MW
Hydro	1,874	MW
Distillate	0	MW
Total TNB	7,336	MW
Total IPP	11,724	MW
Total Co-Gen	32	MW
System Total	19,092	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,705 MW
IPP Generation	9,989 MW
Total Set On Bus	16,556 MW
Maximum Demand	15,714 MW
Spinning Reserve	830 MW
Net Energy	328,345 MWH
Load Factor	87.1 %

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	13069	12550	11991	11720	11437	11272	11543	11437	12012	13682	14584	15173	15121	14858	15272	15643	15655	15170	14130	14154	14928	14790	14192	13496

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	16
PAKA	84
PGPS	40
SRDG	34
TJGS	105
TNB Total	326
KLPP	101
MPSS	57
PDPS	2
PGLA	116
PKLG	127
PLPS	109
SGB3	56
SGRI	172
SKSP	55
YPGS	33
YPKA	67
IPP Total	895
Total Gas	1,220

Total Gas Required : 1,220
Gas Calorific Value : 38,500
Generation Mix

Type	MWh	Percentage
ST-Coal	47,387.00	14.43 %
Gas	39,798.00	12.12 %
Hydro	18,158.00	5.53 %
Total TNB	105,343.0	32.08 %
ST-Coal	110,528.0	33.66 %
ST-Gas	11,443.0	3.49 %
Gas	100,964.0	30.75 %
Total IPP	222,935.0	67.90 %
Co-Gen	828.0	0.25 %
Total Co-Gen	828.0	0.25 %
Total Generation	329,106.0	100.23 %
PLTG	39.0	0.01 %
HVDC	722.0	0.22 %
Interconnection	761.0	0.23 %
Net Energy	328,345.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	273
Hydro	201
Syncon	342
Thermal	171
Total	987

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	33

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	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	-1
TMGR	HY02	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	HY03	-1	-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	29	35	33	30	34	32	36	35	33	32	31	35	39	32	29	32	29	30	34	33	30	72	72	65
UPLA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPLA	HY02	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 Hydro		489	505	498	489	501	464	451	458	413	388	410	450	510	584	483	515	514	535	522	523	520	696	1016	1239
PCUF	CUFG	23	23	23	23	24	23	23	23	23	23	23	23	15	17	17	18	17	16	17	16	15	15	15	15
PCUF	CUFK	16	14	15	16	16	16	17	16	16	17	16	17	15	15	17	16	16	16	14	16	17	18	17	18
Total Co-Gen		39	37	38	39	40	39	39	40	40	39	40	30	32	34	35	33	32	34	32	34	32	34	33	33
Total Gen		13112	12721	12607	12244	11994	11950	11715	11591	11493	11263	11290	11388	11518	11782	11529	11584	12150	13079	13887	14266	14478	14913	15295	15459
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	31	31	30	30	30	30	31	31	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30
TIE-PLTG		13	9	26	82	-27	-19	-35	-25	25	-76	-12	1	-55	17	63	-6	108	37	176	71	-136	0	92	26
Interconnection		43	40	57	112	3	11	-5	6	56	-46	18	31	-25	46	92	24	138	66	205	101	-106	30	122	56
System Total		13069	12681	12550	12132	11991	11939	11720	11585	11437	11309	11272	11357	11543	11736	11437	11560	12012	13013	13682	14165	14584	14883	15173	15403
SRev ST-Coal		200	240	239	203	206	207	213	203	209	209	193	207	204	201	205	194	193	190	196	196	212	188	218	207
SRev ST-Gas		1	83	76	74	74	74	74	75	75	74	74	74	74	75	75	74	80	21	10	2	0	1	1	0
SRev CCGT-Gas		597	447	376	706	963	968	1190	1323	1371	1577	1588	1517	1452	1256	1399	1401	1298	1834	393	292	238	201	249	305
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	177	6	13	51	65	59
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	625	625	474	625	625	625	625	474	474	625	625	625	539	388	302	539	625	625	453
Hydro		121	105	112	121	109	146	159	152	348	222	200	160	100	177	283	107	110	241	104	108	111	120	369	231
S.Reserve Total		1549	1505	1433	1734	1982	2025	2266	2383	2482	2712	2685	2588	2460	2188	2441	2406	2311	1765	1333	1400	1192	1062	1276	1110