

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,745	MW
Hydro	1,517	MW
Distillate	0	MW
Total TNB	7,402	MW
Total IPP	11,102	MW
Total Co-Gen	90	MW
System Total	18,594	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,677	MW
IPP Generation	9,876	MW
Total Set On Bus	16,802	MW
Maximum Demand	15,604	MW
Spinning Reserve	1,159	MW
Net Energy	322,636	MWH
Load Factor	86.2	%

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	12501	11806	11514	11187	10918	10727	10910	11078	11656	13651	14572	15162	15182	14830	15311	15396	15434	15057	14020	13803	14635	14500	14035	13607

Gas Usage

Station	(mmscfd)
CBPS	6
GLGR	56
PAKA	149
PGPS	52
SRDG	66
TJGS	107
TNB Total	436
KLPP	114
MPSS	55
PDPS	31
PGLA	110
PKLG	55
PLPS	101
PTEK	24
SGRI	208
YPGS	64
YPKA	119
IPP Total	881
Total Gas	1,317

Total Gas Required : 1,317
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,377.00	15.30 %
Gas	52,229.00	16.19 %
Hydro	11,053.00	3.43 %
Total TNB	112,659.0	34.92 %
ST-Coal	96,848.0	30.02 %
ST-Gas	2,674.0	0.83 %
Gas	108,352.0	33.58 %
Total IPP	207,874.0	64.43 %
Co-Gen	2,289.0	0.71 %
Total Co-Gen	2,289.0	0.71 %
Total Generation	322,822.0	100.06 %
PLTG	172.0	0.05 %
HVDC	14.0	0.00 %
Interconnection	186.0	0.06 %
Net Energy	322,636.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	338
Hydro	172
Syncon	373
Thermal	196
Total	1080

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 36

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	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
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	HY02	-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	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	33	34	34	35	41	34	37	33	34	34	32	35	38	43	34	34	35	33	32	34	39	33	36	77
UPLA	HY01	6	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		391	409	395	307	227	174	214	173	174	174	169	200	204	347	173	173	194	335	487	372	344	596	517	633
PCUF	CUPG	50	50	50	50	50	51	51	51	50	50	51	49	50	51	51	49	50	51	51	51	51	51	50	50
PCUF	CUFK	17	29	36	35	36	37	34	35	34	36	33	35	34	36	36	37	35	34	39	39	39	38	39	38
Total Co-Gen		67	79	86	85	86	87	85	86	85	86	85	85	85	86	88	86	83	89	90	90	87	89	89	89
Total Gen		12544	12182	11940	11619	11529	11307	11223	11107	10975	10853	10828	10870	10960	11183	11149	11040	11647	12782	13675	14276	14557	14897	15150	15307
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		29	29	31	31	31	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30
TIE-PLTG		14	-15	103	-6	-16	48	6	6	27	52	71	65	20	-13	42	-10	-38	-37	-6	96	-45	62	-43	57
Interconnection		43	14	134	25	15	79	36	36	57	82	101	95	50	17	71	19	-9	-8	24	126	-15	92	-12	88
System Total		12501	12168	11806	11594	11514	11228	11187	11071	10918	10771	10727	10775	10910	11166	11078	11021	11656	12790	13651	14150	14572	14805	15162	15219
SRev ST-Coal		222	211	224	218	226	225	219	264	263	255	264	263	214	222	222	212	214	213	220	223	210	225	228	212
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	29	30	31	32	35	37	42	9	8	6	6
SRev CCGT-Gas		192	527	756	1025	1025	1199	1419	1421	1524	1655	1662	1655	1571	1755	1607	1947	1405	642	410	277	190	163	164	172
SRev OCGT-Gas		69	0	0	0	0	0	0	0	0	0	0	0	0	0	87	264	265	208	141	191	146	279	367	258
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	726	726	726	575	726	726	726	575	726	726	726	625	474	625	625	474	625	474	474	625	474
Hydro		114	96	110	97	77	130	241	131	130	130	135	255	100	108	131	131	110	170	169	133	161	160	88	123
S.Reserve Total		1222	1459	1715	2066	2054	2280	2454	2542	2643	2766	2787	2748	2611	2660	2686	3016	2484	1680	1391	1554	1486	1267	1288	1181