

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,605 MW
Hydro	1,861 MW
Distillate	0 MW
Total TNB	7,606 MW
Total IPP	9,602 MW
Total Co-Gen	56 MW
System Total	17,828 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	6,137 MW
IPP Generation	7,907 MW
Total Set On Bus	14,887 MW
Maximum Demand	14,201 MW
Spinning Reserve	787 MW
Net Energy	302,882 MWH
Load Factor	88.9 %

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	12107	11514	11247	10965	10686	10593	10911	10930	11026	12290	13132	13762	13859	13597	13936	14035	14070	13816	13065	13353	13801	13626	13131	12857

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	65
PAKA	165
PGPS	43
SRDG	16
TJGS	111
TNB Total	445
KLPP	103
MPSS	50
PDPS	5
PGLA	115
PLPS	95
SGRI	193
SKSP	53
YPGS	66
YPKA	99
IPP Total	779

Total Gas 1,223
Total Gas Required : 1,223
Gas Calorific Value : 38.500
Generation Mix

Type	MWh	Percentage
ST-Coal	49,675.00	16.40 %
Gas	55,772.00	18.41 %
Hydro	20,066.00	6.63 %
Total TNB	125,513.0	41.44 %
ST-Coal	74,609.0	24.63 %
Gas	101,849.0	33.63 %
Total IPP	176,458.0	58.26 %
Co-Gen	1,376.0	0.45 %
Total Co-Gen	1,376.0	0.45 %
Total Generation	303,347.0	100.15 %
PLTG	-261.0	-0.09 %
HVDC	726.0	0.24 %
Interconnection	465.0	0.15 %
Net Energy	302,882.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	291
Hydro	290
Syncon	231
Thermal	60
Total	873

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
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
TMGR	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
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	32	32	28	39	38	42	31	41	36	40	32	37	46	35	29	50	35	38	27	36	31	40	41	37
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPLA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		510	510	502	530	528	566	506	533	523	529	507	522	545	634	600	545	363	380	427	547	671	1004	1285	1342
PCUF	CUFG	21	19	21	21	22	21	20	21	21	22	21	22	21	20	22	20	19	18	19	18	19	19	18	18
PCUF	CUPK	33	33	33	33	34	34	33	39	40	39	39	40	41	40	40	39	38	40	39	39	40	39	40	38
Total Co-Gen		54	52	54	54	56	55	53	60	61	60	61	61	62	62	61	59	60	60	58	57	58	58	59	56
Total Gen		12128	11853	11665	11476	11306	11089	11045	10937	10673	10695	10622	10668	10778	10933	11052	10851	11149	11769	12326	12782	13179	13880	13770	13975
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		31	31	30	30	31	31	32	29	32	29	31	29	31	31	32	29	30	30	30	30	30	30	30	30
TIE-PLTG		-10	45	121	11	28	-100	48	-42	-45	-2	-2	-64	-164	-23	90	-103	93	-15	6	-49	17	2	-22	
Interconnection		21	76	151	41	59	-69	80	-13	-13	27	29	-35	-133	8	122	-74	123	17	36	-19	47	32	8	
System Total		12107	11777	11514	11435	11247	11158	10965	10950	10686	10668	10593	10703	10911	10925	10930	10925	11026	11752	12290	12801	13132	13548	13762	14021
SRev ST-Coal		40	30	13	58	126	123	-103	43	80	83	70	75	73	76	69	57	71	64	68	75	71	75	71	65
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 CCGT-Gas		511	794	993	1215	1317	1312	1232	1228	1446	1426	1491	1455	1371	1302	1155	1311	1308	1212	746	404	189	117	212	
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		625	625	625	625	625	474	625	625	625	625	625	625	474	474	625	625	625	625	474	474	474	172	172	
Hydro		101	101	109	81	82	194	103	76	86	80	102	87	64	126	160	65	247	231	183	215	241	218	384	
S.Reserve Total		1277	1550	1740	1979	2150	2103	1857	1972	2237	2214	2288	2242	2133	1978	1858	2058	2251	2132	1622	1166	975	884	839	