

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	4,209 MW
Hydro	1,533 MW
Distillate	0 MW
Total TNB	7,882 MW
Total IPP	10,045 MW
Total Co-Gen	52 MW
System Total	17,979 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	6,713 MW
IPP Generation	9,333 MW
Total Set On Bus	17,111 MW
Maximum Demand	16,108 MW
Spinning Reserve	1,013 MW
Net Energy	337,854 MWH
Load Factor	87.4 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	14/05/2013	344,423.0 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	13648	12994	12377	12115	11692	11671	11635	11615	12175	14004	14973	15554	15591	15269	15842	16015	16095	15743	14521	14139	15253	15201	14669	14420

Gas Usage

Station	(mmscfd)
CBPS	89
GLGR	57
PAKA	191
PGGS	11
PGPS	52
SRDG	75
TJGS	113
TNB Total	589
KLPP	102
MPSS	56
PDPS	59
PGLA	107
PKLG	35
PLPS	110
PTEK	50
SGB3	63
SGRI	180
YPGS	67
YPKA	131
IPP Total	960
Total Gas	1,549
Total Gas Required :	1,549
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,658.00	14.70 %
Gas	70,220.00	20.78 %
Hydro	9,742.00	2.88 %
Total TNB	129,620.0	38.37 %
ST-Coal	86,405.0	25.57 %
Gas	119,576.0	35.39 %
Total IPP	205,981.0	60.97 %
Co-Gen	1,795.0	0.53 %
Total Co-Gen	1,795.0	0.53 %
Total Generation	337,396.0	99.86 %
PLTG	237.0	0.07 %
HVDC	-695.0	-0.21 %
Interconnection	-458.0	-0.14 %
Net Energy	337,854.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	328
Hydro	179
Syncon	225
Thermal	185
Total	917

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 35

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
PGAU	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
PGAU	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
PGAU	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
SYPS	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
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	31	33	33	32	29	32	33	29	28	34	33	30	36	30	31	30	35	30	28	32	81	79	79
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
Total Hydro		162	166	170	170	166	163	166	160	158	171	170	163	176	163	189	162	212	205	251	258	484	819	782	803
PCUF	CUFG	53	50	51	53	54	51	55	52	53	54	51	55	50	51	54	50	52	52	53	53	52	51	54	52
PCUF	CUFK	30	29	29	28	29	30	29	30	28	28	29	30	29	30	31	29	29	27	25	25	24	23	23	11
Total Co-Gen		83	79	80	81	83	81	84	82	81	82	80	85	80	80	84	81	81	81	80	78	77	75	77	75
Total Gen		13625	13194	12921	12821	12411	12299	12099	11868	11686	11529	11615	11416	11641	11909	11607	11563	12163	13201	13986	14558	14953	15263	15544	15686
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	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-28	-28	-30	-30	-28	-28	-30	-30	-29	-29	-29
TIE-PLTG		6	-30	-43	35	63	-18	13	4	23	3	-27	-55	35	-35	20	11	16	0	12	20	8	-10	20	
Interconnection		-23	-60	-73	6	34	-47	-16	-25	-6	-26	-56	-84	6	-63	-8	-17	-12	-30	-18	-9	-20	-38	-10	
System Total		13648	13254	12994	12815	12377	12346	12115	11893	11692	11555	11671	11500	11635	11972	11615	11589	12175	13231	14004	14567	14973	15301	15554	15750
SRev ST-Coal		212	227	206	210	215	215	211	216	210	207	212	212	245	224	215	210	215	218	207	211	206	216	208	
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 ST-Oil		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		103	148	443	541	938	1070	1253	1486	1659	1822	1758	1950	1711	1413	1694	1765	1290	453	357	260	232	239	244	
SRev OCGT-Gas		79	0	0	0	0	0	0	0	0	0	0	0	0	66	119	171	122	193	133	63	123	131	338	
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		580	580	580	580	580	429	580	580	580	580	580	580	580	580	429	580	580	580	580	580	172	86	0	
Hydro		136	132	128	128	132	266	132	132	138	140	127	128	135	122	135	260	136	86	93	97	90	77	128	
S.Reserve Total		1114	1091	1361	1463	1869	1984	2184	2413	2597	2756	2676	2874	2642	2364	2637	2673	2220	1404	1371	1319	1239	1191	961	