

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,577 MW
Hydro	1,854 MW
Distillate	0 MW
Total TNB	6,881 MW
Total IPP	11,180 MW
Total Co-Gen	72 MW
System Total	18,133 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,190 MW
IPP Generation	9,593 MW
Total Set On Bus	16,042 MW
Maximum Demand	14,949 MW
Spinning Reserve	1,187 MW
Net Energy	313,900 MWH
Load Factor	87.5 %

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	12748	12076	11720	11261	11105	10977	10927	10826	11631	13197	13923	14430	14391	14063	14555	14759	14829	14400	13613	13150	13748	13998	13667	13463

Gas Usage

Station	(mmscfd)
CBPS	59
GLGR	57
PAKA	47
PGPS	40
SRDG	41
TJGS	111
TNB Total	355
KLPP	114
MPSS	56
PDPS	7
PGLA	113
PKLG	56
PLPS	77
SGB3	63
SGRI	180
SKSP	47
YPGS	69
YPKA	132
IPP Total	912
Total Gas	1,267

Total Gas Required : 1,267
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,113.00	10.55 %
Gas	43,965.00	14.01 %
Hydro	19,906.00	6.34 %
Total TNB	96,984.0	30.90 %
ST-Coal	96,674.0	30.80 %
ST-Gas	4,531.0	1.44 %
Gas	113,065.0	36.02 %
Total IPP	214,270.0	68.26 %
Co-Gen	2,007.0	0.64 %
Total Co-Gen	2,007.0	0.64 %
Total Generation	313,261.0	99.80 %
PLTG	-32.0	-0.01 %
HVDC	-607.0	-0.19 %
Interconnection	-639.0	-0.20 %
Net Energy	313,900.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	466
Hydro	189
Syncon	186
Thermal	194
Total	1034

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 35

Daily MW Generation On Monday

05-Aug-2013

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	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	76	77	76	77	76	75	32	34	75	76	79	77	80	80	80	71	80	79	76	31	32	29	36	76	79	74	76	71	-1						
TMGR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73	73	74	74	72	34	36	72	72	76	73	77	77	77	68	77	76	73	76	77	72	77	72	75	72	72	73	61						
UPIA	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
Total Hydro		486	480	484	522	490	528	253	247	233	194	210	194	175	166	157	274	502	346	498	806	817	781	907	996	937	643	634	932	1197	1413	1423	1590	1578	1530	1412	1449	1416	1125	961	1089	1192	1247	1474	1251	1304	1231	1056	913		
PCUF	CUFG	52	48	48	48	46	48	48	49	49	48	50	48	48	47	49	50	48	47	49	50	47	49	50	49	48	48	45	49	49	48	50	51	48	47	47	49	47	47	49	47	49	49	48							
PCUF	CUFK	25	27	27	30	34	36	36	36	37	34	34	34	32	30	33	33	33	34	33	33	31	31	30	28	28	25	26	23	24	22	23	24	25	25	24	25	24	26	26	25	27	25	26	28	28	27	27	29		
Total Co-Gen		77	75	75	78	80	84	84	85	86	82	84	82	80	77	81	81	80	83	83	81	79	79	77	75	77	75	73	72	74	71	71	72	70	74	73	73	74	77	74	72	74	74	73	75	77	76	76	77		
Total Gen		12830	12449	12116	12011	11745	11498	11209	11164	11044	11060	10956	10984	10950	10935	10890	11103	11564	12407	13108	13689	13928	14194	14392	14526	14348	14092	14017	14361	14624	14754	14770	14855	14814	14770	14514	13792	13566	13218	13062	13360	13717	13947	14001	13850	13673	13545	13360	13147		
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	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	29	29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-28	-28	-29	-29	-28	-28	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29				
TIE-PLTG		51	66	11	-2	53	28	-23	74	-32	-12	8	-1	52	103	93	53	-38	-26	-61	32	34	55	-8	91	-13	-75	-17	28	97	51	40	-66	13	29	142	-23	-18	15	-59	61	-2	-86	33	14	35	-84	-73	-37		
Interconnection		82	95	40	-30	25	-1	-52	45	-61	-41	-21	-30	23	74	64	24	-67	-54	-89	3	5	25	-38	61	-43	-104	-46	0	69	22	11	-94	-15	1	114	-52	-47	-14	-88	32	-31	-116	3	-15	6	-114	-103	-66		
System Total		12748	12354	12076	12041	11720	11499	11261	11119	11105	11101	10977	11014	10927	10861	10826	11079	11631	12461	13197	13686	13923	14169	14430	14465	14391	14196	14063	14361	14555	14732	14759	14949	14829	14769	14400	13844	13613	13232	13150	13328	13748	14063	13998	13865	13667	13659	13463	13213		
SRev ST-Coal		210	210	211	218	211	211	211	207	209	212	209	206	217	240	217	209	201	205	206	210	216	223	211	213	210	209	209	208	219	212	213	212	211	214	209	211	209	203	206	209	202	210	210	211	211	205	207	210		
SRev ST-Gas		0	0	0	0	0	0	0	0	31	32	33	35	37	38	37	40	20	12	8	8	9	10	8	10	8	8	10	8	16	17	16	16	16	15	16	13	12	13	13	13	15	15	13	13	14	13	14	14		
SRev CCGT-Gas		279	355	431	817	1114	1192	1416	1449	1564	1532	1680	1667	1674	1690	1774	1679	1500	813	513	426	358	277	227	160	278	269	287	298	315	400	408	476	491	504	602	676	680	741	729	827	482	283	573	512	593	650	444	506		
SRev OCGT-Gas		95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	113	87	79	189	193	171	207	253	229	235	215	236	242	252	274	193	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	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		474	474	474	474	474	575	575	575	575	575	424	575	575	575	575	575	323	474	474	453	453	453	302	151	151	453	453	302	302	151	151	151	151	151	151	151	151	151	151	151	302	302	0	151	151	151	0	0	151	388
Hydro		122	128	124	86	118	79	154	160	174	113	248	113	107	116	125	133	257	262	110	102	129	127	302	214	273	265	274	165	200	235	263	96	108	156	274	237	270	461	474	346	545	339	212	185	283	356	380	286		
S.Reserve Total		1180	1168	1240	1595	1917	2057	2356	2391	2522	2463	2593	2594	2608	2658	2729	2635	2321	1774	1315	1242	1277	1176	1131	935	1115	1375	1438	1236	1273	1249	1267	1187	1219	1273	1525	1484	1323	1568	1724	1697	1242	998	1161	1072	1100	1225	1195	1404		