

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,717 MW
Hydro	1,739 MW
Distillate	0 MW
Total TNB	6,906 MW
Total IPP	9,856 MW
Total Co-Gen	66 MW
System Total	16,828 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:30	
TNB Generation	4,543 MW
IPP Generation	7,779 MW
Total Set On Bus	13,308 MW
Maximum Demand	12,290 MW
Spinning Reserve	920 MW
Net Energy	257,232 MWH
Load Factor	87.2 %

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	11386	10772	10459	9971	9736	9646	9643	9499	9208	9644	10355	10827	10986	10996	11130	10984	10901	10920	10696	11193	12248	12268	12096	11720

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	32
PAKA	98
PGPS	31
SRDG	7
TJGS	113
TNB Total	328
KLPP	75
MPSS	15
PGLA	97
PKLG	44
PLPS	98
SGB3	60
SGRJ	168
SKSP	55
YPKA	66
IPP Total	678
Total Gas	1,005
Total Gas Required :	1,005
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,236.00	12.53 %
Gas	42,297.00	16.44 %
Hydro	13,572.00	5.28 %
Total TNB	88,105.0	34.25 %
ST-Coal	81,400.0	31.64 %
ST-Gas	4,195.0	1.63 %
Gas	82,725.0	32.16 %
Total IPP	168,320.0	65.44 %
Co-Gen	1,762.0	0.68 %
Total Co-Gen	1,762.0	0.68 %
Total Generation	258,187.0	100.37 %
PLTG	-233.0	-0.09 %
HVDC	1,188.0	0.46 %
Interconnection	955.0	0.37 %
Net Energy	257,232.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	237
Hydro	147
Syncon	372
Thermal	127
Total	883

	Weather	Temperature
Morning	Sunny	27
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																										
SRev ST-Coal		133	127	132	142	166	174	215	213	297	290	287	286	274	298	289	272	279	283	275	195	130	129	133	131	133	125	130	129	134	130	127	133	128	131	129	129	129	132	127	127	127	134	131	135	119	126	126	124		
SRev ST-Gas		37	37	37	38	37	37	38	38	37	38	37	37	37	38	40	31	43	41	41	41	41	41	41	41	41	41	42	37	38	38	38	38	38	38	38	37	43	10	4	2	4	3	1	37	38					
SRev CCGT-Gas		254	312	300	117	144	145	521	607	657	607	632	620	668	579	679	937	907	721	609	567	401	400	320	230	180	352	325	185	177	169	215	396	479	502	398	614	678	533	571	315	307	273	281	206	244	94	151	310		
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	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	
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	0	0
Syncon		625	625	625	625	625	731	625	625	625	625	474	625	474	625	726	726	726	726	726	625	474	388	388	539	539	539	539	625	625	474	625	474	625	625	625	625	625	625	625	539	453	453	453	302	539	625	625	625		
Hydro		66	150	107	132	83	146	244	99	102	90	92	218	115	263	106	109	102	94	101	100	229	179	242	117	104	105	175	106	101	196	109	245	120	106	134	106	114	106	108	68	62	65	66	195	171	109	104	105		
S.Reserve Total		1115	1251	1201	1054	1055	1233	1643	1582	1718	1750	1773	1735	1819	1652	1737	2082	2051	1862	1748	1524	1272	1136	1114	1060	997	1162	1210	1086	1078	1010	1118	1285	1390	1402	1324	1512	1584	1434	1468	1092	1059	1006	1009	918	1152	993	1043	1202		