

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,381 MW
Hydro	1,838 MW
Distillate	0 MW
Total TNB	7,429 MW
Total IPP	10,217 MW
Total Co-Gen	67 MW
System Total	17,713 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:30	
TNB Generation	4,804 MW
IPP Generation	8,291 MW
Total Set On Bus	14,119 MW
Maximum Demand	13,200 MW
Spinning Reserve	957 MW
Net Energy	276,541 MWH
Load Factor	87.3 %

Maximum Demand Record

Date :	19/03/2013	16,133.0 MW
Date :	20/03/2013	333,019.0 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	12316	11933	11461	11043	10741	10618	10646	10184	9799	10163	10863	11469	11574	11684	11884	11883	11977	11668	11379	11641	13158	13116	13019	12730

Gas Usage

Station	(mmscfd)
CBPS	29
GLGR	53
PAKA	88
PGPS	25
SRDG	3
TJGS	100
TNB Total	299
KLPP	102
MPSS	30
PGLA	103
PKLG	44
PLPS	103
SGRI	208
SKSP	14
YPGS	68
YPKA	68
IPP Total	740
Total Gas	1,039
Total Gas Required :	1,039
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,382.00	17.86 %
Gas	37,551.00	13.58 %
Hydro	7,972.00	2.88 %
Total TNB	94,905.0	34.32 %
ST-Coal	84,913.0	30.71 %
ST-Gas	4,211.0	1.52 %
Gas	91,209.0	32.98 %
Total IPP	180,333.0	65.21 %
Co-Gen	1,760.0	0.64 %
Total Co-Gen	1,760.0	0.64 %
Total Generation	276,998.0	100.17 %
PLTG	-267.0	-0.10 %
HVDC	724.0	0.26 %
Interconnection	457.0	0.17 %
Net Energy	276,541.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	302
Hydro	91
Syncon	541
Thermal	20
Total	954

	Weather	Temperature
Morning	Sunny	25
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																									
System Total		12316	12166	11933	11642	11461	11239	11043	10935	10741	10570	10618	10634	10646	10491	10184	9734	9799	10121	10163	10520	10863	11097	11469	11631	11574	11673	11684	11629	11884	11927	11883	11981	11977	11981	11668	11564	11379	11472	11641	12687	13158	13177	13116	13200	13019	12783	12730	12402	
SRev ST-Coal		10	8	19	11	15	13	20	25	26	32	20	15	9	11	164	296	275	271	230	140	110	14	7	18	17	13	21	11	11	17	14	8	21	6	26	34	31	8	20	21	18	29	20	20	15	20	13	20	
SRev ST-Gas		27	27	28	28	28	28	27	27	28	28	28	28	27	27	28	28	27	27	26	26	27	27	27	27	27	27	27	27	26	26	-7	-10	-12	-12	26	27	26	26	26	27	-5	-11	-12	-12	-11	-11	-10	27	
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	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		538	360	462	604	812	956	1042	1107	1178	1332	1447	1411	1368	1422	1682	2044	2014	1730	1666	1468	1084	1017	708	553	512	557	515	567	267	288	305	450	273	344	481	647	1079	1070	878	214	191	192	189	208	200	233	252	266	
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
Syncon		625	625	625	726	726	726	575	726	726	726	575	726	726	726	726	726	726	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	
Hydro		88	77	79	77	75	67	244	107	109	117	234	105	104	115	104	98	106	88	102	106	231	92	91	90	95	85	224	91	108	71	74	151	152	161	164	156	156	158	289	84	26	50	57	104	146	92	258	108	
S.Reserve Total		1343	1102	1218	1451	1661	1795	1913	1997	2072	2240	2309	2290	2239	2306	2709	3197	3153	2848	2756	2472	2033	1882	1565	1420	1383	1414	1368	1428	1144	1134	1118	1331	1166	1231	1429	1596	2024	1994	1794	1078	868	897	891	957	1019	965	993	1052	