

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,558	MW
Hydro	1,517	MW
Distillate	0	MW
Total TNB	7,215	MW
Total IPP	10,417	MW
Total Co-Gen	65	MW
System Total	17,979	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00		
TNB Generation	5,113	MW
IPP Generation	8,129	MW
Total Set On Bus	14,393	MW
Maximum Demand	13,300	MW
Spinning Reserve	1,086	MW
Net Energy	282,190	MWH
Load Factor	88.4	%

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	12658	12192	11615	11379	11036	10959	10757	10398	9854	10487	11065	11735	11902	11933	12132	12183	12243	12042	11724	11753	13162	13300	13247	13104

Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	98
PGPS	39
SRDG	18
TJGS	109
TNB Total	319
KLPP	108
MPSS	44
PGLA	107
PKLG	5
PLPS	72
SGRI	176
YPGS	56
YPKA	87
IPP Total	655
Total Gas	974

Total Gas Required : 974
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,448.00	17.52 %
Gas	40,215.00	14.25 %
Hydro	8,045.00	2.85 %
Total TNB	97,708.0	34.62 %
ST-Coal	97,383.0	34.51 %
Gas	86,129.0	30.52 %
Total IPP	183,512.0	65.03 %
Co-Gen	1,761.0	0.62 %
Total Co-Gen	1,761.0	0.62 %
Total Generation	282,981.0	100.28 %
PLTG	66.0	0.02 %
HVDC	725.0	0.26 %
Interconnection	791.0	0.28 %
Net Energy	282,190.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	149
Hydro	114
Syncon	486
Thermal	171
Total	920

	Weather	Temperature
Morning	Sunny	28
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																										
System Total		12658	12586	12192	11906	11615	11547	11379	11049	11037	10921	10960	10715	10758	10636	10399	9988	9855	10187	10487	10746	11065	11538	11735	11863	11902	11865	11933	12055	12132	12231	12183	12290	12243	12226	12042	11803	11724	11569	11753	12663	13162	13254	13300	13294	13247	13182	13106	12946		
SRev ST-Coal		213	213	212	211	206	212	217	209	214	214	207	214	211	217	214	210	465	426	373	351	249	207	218	222	216	215	213	216	209	215	206	206	208	215	211	216	213	211	212	207	222	220	209	221	213	214	200	211		
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	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		194	285	370	232	623	717	832	1073	1115	1119	1165	1464	1371	1403	1507	1930	1941	1539	1362	1108	843	495	242	167	161	248	244	228	145	154	145	162	158	159	287	568	663	760	550	283	168	128	146	219	204	214	208	209		
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	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		474	474	625	625	625	726	726	726	726	726	726	726	726	726	726	726	575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726		
Hydro		257	236	136	125	172	91	124	90	91	99	146	82	207	140	135	142	80	260	84	80	77	75	74	196	114	85	87	76	94	73	122	234	83	90	131	168	172	102	258	232	226	198	179	181	256	114	158	99		
S.Reserve Total		1138	1208	1343	1193	1626	1746	1899	2198	2246	2258	2344	2586	2464	2586	2682	3108	3312	2800	2545	2265	1895	1503	1260	1160	1116	1272	1270	1246	1174	1067	1098	1076	1074	1089	1254	1577	1673	1799	1595	1376	1169	1098	1086	1169	1070	1089	1116	1222		