

Availability At Daily Maximum Demand Hour

ST-Coal	2,010 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,829 MW
Hydro	1,724 MW
Distillate	0 MW
Total TNB	7,633 MW
Total IPP	11,676 MW
Total Co-Gen	44 MW
System Total	19,353 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,371 MW
IPP Generation	9,005 MW
Total Set On Bus	14,511 MW
Maximum Demand	13,420 MW
Spinning Reserve	1,091 MW
Net Energy	281,505 MWH
Load Factor	87.4 %

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	12385	11867	11583	11165	10851	10759	10626	10273	9962	10480	11113	11644	11844	11840	11936	12045	12093	11905	11668	12253	13369	13361	13087	12662

Gas Usage

Station	(mmscfd)
CBPS	33
GLGR	1
PAKA	144
TJGS	111
TNB Total	290
KLPP	74
MPSS	38
PGLA	108
PKLG	52
PLPS	84
SGB3	35
SGRI	171
SKSP	52
YPGS	24
YPKA	76

IPP Total 714

Total Gas 1,003

Total Gas Required : 1,003

Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,995.00	17.05 %
Gas	38,093.00	13.53 %
Hydro	10,438.00	3.71 %
Total TNB	96,526.0	34.29 %
ST-Coal	95,171.0	33.81 %
ST-Gas	5,025.0	1.79 %
ST-Oil	102.0	0.04 %
Gas	86,371.0	30.68 %
Total IPP	186,669.0	66.31 %
Co-Gen	1,091.0	0.39 %
Total Co-Gen	1,091.0	0.39 %
Total Generation	284,286.0	100.99 %
PLTG	285.0	0.10 %
HVDC	2,496.0	0.89 %
Interconnection	2,781.0	0.99 %
Net Energy	281,505.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	209
Hydro	98
Syncon	492
Thermal	168
Total	968

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	36

Daily MW Generation On Sunday

06-Oct-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																										
System Total		12385	12225	11867	11785	11583	11394	11165	11072	10851	10892	10759	10575	10626	10695	10273	10053	9962	10258	10480	10871	11113	11335	11644	11826	11844	11685	11840	11886	11936	12166	12045	12147	12093	12119	11905	11769	11668	11761	12253	13099	13369	13420	13361	13333	13087	13169	12662	12425		
SRev ST-Coal		198	203	203	196	210	207	212	205	216	221	210	221	244	256	249	326	412	370	323	192	208	198	198	216	197	211	190	194	200	202	210	200	199	202	204	198	221	220	223	200	204	210	196	204	202	198	199	190		
SRev ST-Gas		0	0	0	0	42	39	38	38	38	38	38	38	38	38	38	38	38	37	37	37	40	14	6	4	4	0	0	0	0	0	0	0	0	0	10	41	38	37	37	37	37	43	11	4	4	31	44	41	41	41
SRev CCGT-Gas		292	378	254	244	477	570	794	864	963	1018	1015	1042	1176	1126	1265	1533	1629	1326	1241	961	780	666	314	191	195	215	258	409	499	302	353	297	341	341	478	591	849	1010	898	282	178	143	177	102	172	442	246	417		
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	388	539	625	625	625	625	625	625	625	625	625	474	625	474	625	625	625	625	625	625	625	625	625	625	625	474	625	625	625	625	625	625	625	625	625	625	474	625	625	539	625	474	474	625	625	323	625	625	
Hydro		81	132	56	96	91	93	87	95	104	108	108	110	109	223	103	262	113	91	90	161	93	92	146	87	91	233	90	149	141	106	147	139	139	95	99	119	263	127	91	136	96	90	115	90	106	101	105	109		
S.Reserve Total		1196	1101	1052	1161	1445	1534	1756	1827	1946	2010	1996	2036	2192	2117	2280	2633	2817	2450	2316	1976	1743	1621	1297	1125	1112	1137	1163	1377	1465	1235	1335	1261	1314	1304	1444	1570	1844	2019	1874	1270	1135	1091	1116	1052	1149	1105	1216	1382		