

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	2,995 MW
Hydro	1,752 MW
Distillate	0 MW
Total TNB	6,887 MW
Total IPP	10,408 MW
Total Co-Gen	39 MW
System Total	17,334 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:30		
TNB Generation	4,701 MW	
IPP Generation	8,591 MW	
Total Set On Bus	14,381 MW	
Maximum Demand	13,329 MW	
Spinning Reserve	1,050 MW	
Net Energy	295,323 MWH	
Load Factor	92.3 %	

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	12669	12350	11769	11386	11213	11178	10973	10731	10550	11689	12493	13007	12856	12731	13013	13086	13030	12801	12478	12498	13148	13281	13101	12886

Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	56
PAKA	142
PGPS	52
SRDG	27
TJGS	4
TNB Total	284
KLPP	118
MPSS	54
PGLA	57
PKLG	110
PLPS	111
SGRI	221
YPGS	70
YPKA	133
IPP Total	874
Total Gas	1,158
Total Gas Required :	1,158
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,276.00	16.69 %
Gas	33,675.00	11.40 %
Hydro	13,932.00	4.72 %
Total TNB	96,883.0	32.81 %
ST-Coal	86,708.0	29.36 %
ST-Gas	10,697.0	3.62 %
Gas	99,602.0	33.73 %
Total IPP	197,007.0	66.71 %
Co-Gen	1,653.0	0.56 %
Total Co-Gen	1,653.0	0.56 %
Total Generation	295,543.0	100.07 %
PLTG	-506.0	-0.17 %
HVDC	726.0	0.25 %
Interconnection	220.0	0.07 %
Net Energy	295,323.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	164
Hydro	146
Syncon	413
Thermal	138
Total	862

Weather Temperature

	Weather	Temperature
Morning	Sunny	29
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																									
Total Co-Gen	92	92	95	92	94	93	90	93	89	91	91	91	92	95	94	94	91	92	93	95	92	92	93	38	38	37	37	37	37	35	37	35	37	37	37	38	37	38	37	37	38	39	39	39	40	39	39		
Total Gen	12686	12544	12346	12038	11721	11646	11407	11207	11186	11111	11096	10988	10983	10927	10832	10472	10558	11130	11670	12141	12509	12789	12980	13119	12823	12720	12667	12601	12998	13115	13087	13123	13050	13002	12821	12674	12581	12456	12541	12860	13134	13312	13327	13331	13149	13205	12955	12637	
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	0	0
TIE-HVDC	30	30	31	31	30	30	31	31	30	30	31	29	31	31	31	30	31	31	31	31	30	30	29	31	31	29	29	29	30	29	31	29	30	32	30	31	31	29	30	31	29	30	31	29	30	31	29	31	
TIE-PLTG	-13	-81	-35	-72	-78	-103	-10	-98	-57	-55	-113	-46	-21	-4	70	-4	-22	-5	-50	4	-14	-29	-56	-32	-64	-53	-93	-93	-46	-48	-30	33	-9	-25	-10	74	72	32	13	28	-44	6	15	-27	18	47	40	-30	
Interconnection	17	-51	-4	-41	-48	-73	21	-67	-27	-25	-82	-17	10	27	101	27	8	26	-19	35	16	1	-27	-1	-33	-24	-64	-64	-15	-16	1	62	20	4	20	103	103	61	43	60	-14	37	46	2	48	78	69	1	
System Total	12669	12895	12350	12079	11769	11719	11386	11274	11213	11136	11178	11005	10973	10900	10731	10445	10550	11104	11689	12106	12493	12788	13007	13120	12856	12744	12731	12865	13013	13131	13086	13061	13030	12998	12801	12571	12478	12395	12498	12800	13148	13275	13281	13329	13101	13127	12886	12636	
SRev ST-Coal	138	139	139	149	143	140	149	136	145	143	145	138	142	147	199	316	308	161	143	146	140	147	143	143	144	154	147	146	144	140	142	140	146	142	142	152	149	143	143	142	145	150	151	153	141	142	142	136	
SRev ST-Gas	36	37	69	76	74	74	74	73	73	74	74	73	73	74	74	73	73	74	78	78	85	23	20	19	17	18	18	18	18	31	11	11	15	13	10	10	17	18	17	19	19	17	17	20	20	20	18	18	
SRev CCGT-Gas	816	1047	513	727	680	687	687	811	842	926	1006	1092	1067	1111	1086	1383	1377	1070	556	126	202	220	172	168	176	166	169	171	168	156	170	177	188	201	185	171	275	344	285	305	197	219	193	186	196	209	304	231	
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	12	11	11	10	9	11	14	17	15	15	15	44	0	0	0	0	-2	1	0	2	1	0	0	48	98	
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	625	474	625	575	575	726	726	726	726	726	726	726	726	726	625	474	625	625	539	539	539	539	625	625	539	539	388	539	539	539	539	539	539	474	625	625	625	453	453	302	453	453	453	453	453	539
Hydro	144	82	87	85	231	60	338	242	59	44	72	106	133	135	109	143	68	52	275	85	125	79	178	127	272	175	133	92	97	303	136	103	149	195	376	278	96	125	95	336	251	378	237	237	225	307	215	181	
S.Reserve Total	1759	1930	1433	1662	1602	1586	1823	1837	1845	1913	2023	2135	2141	2195	2194	2641	2552	1982	1526	1060	1177	1008	1052	1008	1159	1149	1102	975	977	1032	1015	985	1052	1105	1296	1085	1162	1255	1165	1253	1066	1066	1053	1050	1035	1131	1180	1203	