

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,688 MW
Hydro	1,512 MW
Distillate	0 MW
Total TNB	7,340 MW
Total IPP	9,895 MW
Total Co-Gen	78 MW
System Total	17,313 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00		
TNB Generation	5,200 MW	
IPP Generation	8,791 MW	
Total Set On Bus	15,280 MW	
Maximum Demand	14,064 MW	
Spinning Reserve	1,211 MW	
Net Energy	311,008 MWH	
Load Factor	92.1 %	

Maximum Demand Record

Date :	13/05/2013	16,562.0MW
Date :	14/05/2013	344,423.0MWH

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	13606	12943	12613	12150	11833	11536	11560	11131	11128	12319	13145	13795	13805	13551	13691	13858	13810	13455	12886	12888	14064	14011	13744	13418

Gas Usage

Station	(mmscfd)
CBPS	51
GLGR	56
PAKA	166
PGPS	7
SRDG	35
TJGS	109
TNB Total	423
KLPP	113
MPSS	55
PDPS	33
PGLA	109
PKLG	31
PLPS	75
PTEK	32
SGB3	63
SGRI	146
SKSP	25
YPGS	67
YPKA	130
IPP Total	879
Total Gas	1,302

Total Gas Required : 1,302
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,389.00	15.88 %
Gas	52,233.00	16.79 %
Hydro	8,746.00	2.81 %
Total TNB	110,368.0	35.49 %
ST-Coal	86,541.0	27.83 %
ST-Gas	205.0	0.07 %
Gas	110,868.0	35.65 %
Total IPP	197,614.0	63.54 %
Co-Gen	2,071.0	0.67 %
Total Co-Gen	2,071.0	0.67 %
Total Generation	310,053.0	99.69 %
PLTG	-260.0	-0.08 %
HVDC	-695.0	-0.22 %
Interconnection	-955.0	-0.31 %
Net Energy	311,008.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	273
Hydro	110
Syncon	440
Thermal	78
Total	900

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35

Daily MW Generation On Saturday

15-Jun-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																														
TIE-HVDC	-30	-29	-29	-29	-28	-29	-29	-29	-30	-30	-29	-30	-29	-29	-28	-29	-29	-29	-28	-29	-29	-29	-29	-29	-29	-29	-28	-28	-28	-28	-29	-29	-29	-29	-29	-30	-30	-29																
TIE-PLTG	87	21	-20	39	-39	50	48	27	20	81	87	8	-41	80	99	-20	-67	-50	38	99	-96	-211	-70	-87	53	1	-45	-61	-21	40	30	4	38	12	31	-62	-26	-69	-96	-99	33	35	-47	19	45	13	16	-86						
Interconnection	57	-8	-49	10	-67	21	19	-2	-9	51	57	-21	-71	51	70	-49	-95	-79	9	70	-124	-240	-99	-116	25	-28	-75	-89	-49	9	1	-25	9	-17	2	-91	-55	-97	-124	-127	5	6	-76	-10	16	-17	-14	-115						
System Total	13606	13373	12943	12789	12613	12519	12150	11966	11833	11684	11536	11661	11560	11520	11131	11160	11128	11738	12319	12653	13145	13444	13796	13903	13806	13552	13552	13663	13692	13915	13859	13875	13811	13687	13456	13152	12887	12778	12889	13748	14065	14050	14012	13861	13745	13713	13419	13430						
SRev ST-Coal	212	213	248	226	212	213	217	217	218	211	215	214	218	245	211	217	209	221	215	213	216	209	207	222	216	216	211	317	229	231	222	215	212	221	209	210	212	211	212	212	218	211	215	214	217	212	212							
SRev ST-Gas	11	43	38	34	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 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	0	0	0	0	0	0
SRev CCGT-Gas	272	377	606	576	521	427	513	718	841	917	1052	987	1164	1129	1405	1552	1608	1000	458	332	173	181	179	184	229	180	219	205	288	158	165	214	204	196	220	463	771	913	835	338	286	243	238	199	253	230	248	137						
SRev OCGT-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	33	59	113	89	122	227	241	136	79	78	107	73	130	200	115	224	170	177	172	180	175	97	238	52	103	84	105	40							
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	0	0	0	
Syncon	625	625	625	625	580	580	731	731	731	731	731	731	731	580	429	731	580	731	731	625	625	625	625	172	323	474	474	474	474	323	323	323	474	474	474	474	474	474	474	474	474	323	323	323	323	474	323	474	474	474	474			
Hydro	92	95	77	83	129	193	119	113	106	120	120	112	235	401	130	260	127	114	54	83	79	80	172	169	89	99	97	95	183	103	131	83	109	87	133	186	161	162	162	211	203	185	185	93	244	145	120	90						
S.Reserve Total	1212	1353	1594	1544	1474	1413	1580	1779	1895	1986	2125	2056	2204	2188	2522	2614	2694	2065	1369	1339	1134	1172	856	983	1147	1207	1258	1152	1201	902	968	1077	1143	1180	1174	1567	1797	1949	1865	1275	1210	1077	1206	1044	1141	1154	1163	957						