

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,612	MW
Hydro	1,759	MW
Distillate	0	MW
Total TNB	7,511	MW
Total IPP	11,694	MW
Total Co-Gen	51	MW
System Total	19,256	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	5,302	MW
IPP Generation	9,599	MW
Total Set On Bus	16,055	MW
Maximum Demand	14,954	MW
Spinning Reserve	1,103	MW
Net Energy	311,258	MWH
Load Factor	86.7	%

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	12163	11605	11096	10873	10563	10460	10707	10773	11550	13448	14148	14929	14745	14369	14707	14880	14911	14465	13463	13361	14149	13888	13321	13048

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	32
PAKA	99
PGPS	41
SRDG	38
TJGS	107
TNB Total	373
KLPP	99
MPSS	57
PDPS	3
PGLA	112
PKLG	117
PLPS	95
SGRI	192
SKSP	39
YPKA	132
IPP Total	844
Total Gas	1,217
Total Gas Required :	1,217
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,328.00	15.85 %
Gas	46,249.00	14.86 %
Hydro	11,174.00	3.59 %
Total TNB	106,751.0	34.30 %
ST-Coal	97,883.0	31.45 %
ST-Gas	10,000.0	3.21 %
Gas	96,209.0	30.91 %
Total IPP	204,092.0	65.57 %
Co-Gen	1,550.0	0.50 %
Total Co-Gen	1,550.0	0.50 %
Total Generation	312,393.0	100.36 %
PLTG	410.0	0.13 %
HVDC	725.0	0.23 %
Interconnection	1,135.0	0.36 %
Net Energy	311,258.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	191
Hydro	173
Syncon	463
Thermal	138
Total	965

Weather		Temperature
Morning	Sunny	25
Afternoon	Hot	34

Daily MW Generation On Monday

19-Aug-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																										
Total Co-Gen	85	85	87	85	90	84	86	85	86	57	55	56	57	59	56	60	59	56	55	55	53	51	54	51	55	50	49	49	48	49	50	48	46	50	50	50	51	51	54	52	52	53	53	52	54	55	55	55		
Total Gen	12221	12045	11690	11420	11039	10861	10831	10652	10553	10516	10474	10483	10616	10911	10705	10720	11698	12645	13478	13748	14239	14507	14869	14952	14737	14564	14360	14442	14747	14898	14880	14920	14895	14771	14494	13910	13448	13059	13296	14117	14422	14470	14200	14127	13648	13446	13355	12804		
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	30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-30	-30	-29	-29	-28	-28	304	304	303	305	305	304	305	305	-29			
TIE-PLTG	28	81	55	213	-28	-34	-13	-37	19	122	43	-43	-62	-76	-39	-42	177	112	60	-18	120	-58	-31	27	21	92	21	-14	69	51	28	31	13	46	59	16	14	8	-37	-54	-31	36	7	34	23	-155	2	56		
Interconnection	58	111	85	184	-57	-63	-42	-66	-10	93	14	-72	-91	-105	-68	-71	148	82	30	-47	91	-87	-60	-2	-8	62	-9	-43	40	23	0	2	-16	16	29	-13	-15	-20	-65	250	273	339	312	339	327	150	307	27		
System Total	12163	11934	11605	11236	11096	10924	10873	10718	10563	10423	10460	10555	10707	11016	10773	10791	11550	12563	13448	13795	14148	14594	14929	14954	14745	14502	14369	14485	14707	14875	14880	14918	14911	14755	14465	13923	13463	13079	13361	13867	14149	14131	13888	13788	13321	13296	13048	12777		
SRev ST-Coal	146	174	141	141	145	150	143	257	265	262	356	352	356	251	299	227	175	142	145	145	145	145	146	136	147	149	141	137	143	140	135	135	132	148	146	140	149	137	144	141	143	147	150	152	142	134	143	145		
SRev ST-Gas	0	0	0	0	0	59	61	65	68	72	74	74	74	74	74	79	61	29	24	24	17	15	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
SRev CCGT-Gas	413	176	319	490	917	1205	1229	1329	1448	1502	1499	1495	1411	1248	1312	1580	1403	1003	479	375	210	221	155	134	102	110	199	184	140	148	148	167	144	148	168	384	594	957	969	236	211	136	131	152	314	290	320	617		
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	625	625	625	726	726	575	726	726	726	726	726	726	575	726	726	625	625	625	474	474	474	625	625	625	625	625	625	625	625	474	474	474	474	474	474	625	625	625	323	625	539	539	625	625	625	625	474			
Hydro	125	158	276	179	102	180	68	79	125	132	120	117	63	189	98	103	170	205	71	188	123	216	212	138	186	258	166	158	171	210	218	235	219	238	277	173	201	242	287	103	179	180	309	159	274	139	40	195		
S.Reserve Total	1309	1153	1361	1536	1890	2169	2227	2456	2632	2694	2775	2764	2630	2337	2509	2710	2452	2036	1349	1206	1063	1077	1162	1103	1085	1242	1306	1231	944	1014	1037	1022	1003	1072	1206	1592	1584	1976	1738	1119	1082	1038	1301	1103	1370	1202	1142	1445		