

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,996	MW
Hydro	1,788	MW
Distillate	0	MW
Total TNB	7,304	MW
Total IPP	10,342	MW
Total Co-Gen	45	MW
System Total	17,971	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,206 MW
IPP Generation	8,956 MW
Total Set On Bus	15,255 MW
Maximum Demand	14,291 MW
Spinning Reserve	1,048 MW
Net Energy	289,599 MWH
Load Factor	84.4 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	10995	10438	10206	9861	9590	9440	9690	9849	10602	12303	13204	13873	13928	13686	14036	14221	14186	13654	12775	12889	13150	12795	12220	11898

Gas Usage

Station	(mmscfd)
CBPS	55
GLGR	30
PAKA	98
SRDG	5
TJGS	206
TNB Total	395
KLPP	105
MPSS	55
PGLA	54
PLPS	113
SGB3	98
SGRI	98
SKSP	52
YPGS	68
YPKA	102
IPP Total	744
Total Gas	1,139
Total Gas Required :	1,139
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,242.00	11.13 %
Gas	51,943.00	17.94 %
Hydro	13,566.00	4.68 %
Total TNB	97,751.0	33.75 %
ST-Coal	93,390.0	32.25 %
Gas	96,283.0	33.25 %
Total IPP	189,673.0	65.50 %
Co-Gen	1,381.0	0.48 %
Total Co-Gen	1,381.0	0.48 %
Total Generation	288,805.0	99.73 %
PLTG	-98.0	-0.03 %
HVDC	-696.0	-0.24 %
Interconnection	-794.0	-0.27 %
Net Energy	289,599.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	365
Hydro	168
Syncon	429
Thermal	14
Total	976

	Weather	Temperature
Morning	Cloudy	22
Afternoon	Hot	32

Daily MW Generation On Monday

12-Nov-2012

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 Gen	10929	10587	10359	10202	10130	9914	9851	9657	9591	9523	9459	9496	9595	9926	9824	10062	10518	11448	12282	12762	13202	13633	13840	13932	13837	13681	13662	13870	14028	14207	14163	14196	14107	13932	13611	13055	12803	12619	12892	13263	13153	13002	12755	12721	12254	11971	11853	11479			
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	0	
TIE-HVDC	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG	-36	-44	-50	-36	-47	40	20	-45	30	98	48	-65	-67	18	4	69	-55	-48	8	-25	28	-10	-4	-88	-61	3	5	-5	21	-55	-29	-2	-50	-41	-14	-39	57	42	32	-12	31	36	-11	21	63	-6	-16	-51			
Interconnection	-66	-73	-79	-65	-76	10	-10	-74	1	69	19	-93	-95	-11	-25	40	-84	-77	-21	-54	-2	-39	-33	-118	-91	-26	-24	-34	-8	-84	-58	-31	-79	-70	-43	-68	28	13	3	-40	3	7	-40	-8	34	-35	-45	-79			
System Total	10995	10660	10438	10267	10206	9904	9861	9731	9590	9454	9440	9589	9690	9937	9849	10022	10602	11525	12303	12816	13204	13672	13873	14050	13928	13707	13686	13904	14036	14291	14221	14227	14186	14002	13654	13123	12775	12606	12889	13303	13150	12995	12795	12729	12220	12006	11898	11558			
SRev ST-Coal	16	7	170	171	284	288	284	400	430	458	473	469	472	423	397	408	227	19	24	10	15	25	30	24	16	2	14	12	10	17	23	9	17	15	1	19	10	15	22	19	22	4	15	7	14	17	6	14			
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	
SRev CCGT-Gas	815	1035	1017	1175	1169	1345	1347	1580	1746	1863	1887	1922	1873	1622	1791	1682	1357	788	639	342	394	443	438	480	501	505	439	427	413	362	378	326	274	353	518	501	581	588	370	327	426	380	346	299	373	350	349	604			
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	56	4	88	71	72	71	41	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	726	726	726	726	726	726	575	726	726	726	575	726	726	575	726	726	625	625	474	388	388	237	474	625	625	474	474	388	388	388	539	539	539	625	625	625	625	625	625	625	625	625	625	625	474	625	625	575		
Hydro	224	220	203	210	176	213	176	311	128	136	126	112	236	95	118	202	112	97	183	93	159	109	145	277	184	46	116	116	195	193	233	236	215	243	173	122	226	262	196	125	131	138	198	207	385	328	229	537			
S.Reserve Total	1680	1988	2116	2282	2355	2572	2533	2866	3030	3183	3212	3229	3156	2866	3032	2867	2422	1630	1471	1070	1042	965	1001	1018	1175	1178	1194	1085	1096	1048	1093	1031	1116	1191	1231	1352	1442	1490	1213	1096	1204	1147	1184	1138	1246	1320	1209	1530			