

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	3,477	MW
Hydro	1,409	MW
Distillate	60	MW
Total TNB	6,301	MW
Total IPP	11,467	MW
Total Co-Gen	75	MW
System Total	17,843	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 22:00		
TNB Generation	4,033	MW
IPP Generation	8,162	MW
Total Set On Bus	13,264	MW
Maximum Demand	12,300	MW
Spinning Reserve	994	MW
Net Energy	262,175	MWH
Load Factor	88.8	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	11733	11090	10764	10549	10218	10308	10102	9826	9465	9818	10432	11019	10861	11021	11426	11364	11350	11076	10936	11281	12021	12290	12300	11917

Gas Usage

Station	(mmscfd)
CBPS	26
GLGR	57
PAKA	136
PGPS	49
SRDG	4
TJGS	51
TNB Total	323
KLPP	93
MPSS	53
PGLA	3
PLPS	110
SGB3	71
SGRI	32
SKSP	1
YPGS	33
YPKA	68
IPP Total	464
Total Gas	787
Total Gas Required :	886
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	32
PKLG	68
Total	100

Generation Mix

Type	MWh	Percentage
ST-Coal	27,120.00	10.34 %
ST-Oil	3,007.00	1.15 %
Gas	40,546.00	15.47 %
Hydro	9,353.00	3.57 %
Total TNB	80,026.0	30.52 %
ST-Coal	111,560.0	42.55 %
ST-Oil	6,670.0	2.54 %
Gas	61,623.0	23.50 %
Total IPP	179,853.0	68.60 %
Co-Gen	1,881.0	0.72 %
Total Co-Gen	1,881.0	0.72 %
Total Generation	261,760.0	99.84 %
PLTG	290.0	0.11 %
HVDC	-705.0	-0.27 %
Interconnection	-415.0	-0.16 %
Net Energy	262,175.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	201
Hydro	144
Syncon	384
Thermal	125
Total	854

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	31

Daily MW Generation On Sunday

14-Aug-2011

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																										
Interconnection		6	54	48	-26	-27	-27	-75	-73	-9	-39	-84	46	-36	-11	-48	-31	-87	10	30	-13	-53	-36	-69	15	62	66	27	-15	15	16	-7	-48	-11	-78	1	-6	28	-96	33	-107	-24	-43	-24	-37	-30	57	-6	48		
System Total		11733	11369	11090	11026	10764	10543	10549	10422	10218	10333	10308	10014	10102	9967	9826	9537	9465	9585	9818	10299	10432	10866	11019	10956	10861	10922	11021	11224	11426	11425	11364	11437	11350	11188	11076	10844	10936	11081	11281	11760	12021	12161	12290	12250	12300	12042	11917	11703		
SRev ST-Coal		186	148	278	257	351	354	355	369	366	368	365	408	414	406	393	390	472	431	430	398	332	345	252	247	266	355	270	255	149	146	162	156	146	148	247	253	259	244	255	244	12	15	11	26	16	38	20	16		
SRev ST-Oil		2	1	0	0	0	-7	-13	17	21	14	-3	-11	-12	-14	-11	-2	-2	-2	-2	-2	-2	-1	0	-1	-1	0	-4	-2	-2	0	0	0	1	1	2	1	1	1	2	2	2	4	4	4	4	4	4	4		
SRev CCGT-Gas		582	593	843	485	397	578	623	635	730	749	775	810	875	935	971	1038	1080	995	851	551	610	311	427	415	458	283	284	253	267	241	354	339	318	361	313	516	427	444	436	329	188	208	162	244	200	313	243	372		
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 Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	
Hydro		180	219	123	97	98	164	173	124	169	228	133	230	105	215	175	120	75	129	92	27	128	64	136	134	188	98	129	86	46	73	137	253	258	141	121	153	108	88	146	98	268	252	195	390	236	260	229	201		
S.Reserve Total		1429	1440	1723	1318	1325	1568	1617	1624	1760	1682	1744	1911	1856	2016	2107	2080	2159	2238	2056	1659	1753	1193	1289	1269	1385	1316	1259	1172	1040	1040	1127	1071	1046	1125	1157	1397	1269	1251	1313	1147	944	977	869	1051	994	1164	970	1067		