

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	4,156	MW
Hydro	1,885	MW
Distillate	60	MW
Total TNB	8,161	MW
Total IPP	11,002	MW
Total Co-Gen	81	MW
System Total	19,244	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,185	MW
IPP Generation	7,616	MW
Total Set On Bus	14,687	MW
Maximum Demand	14,064	MW
Spinning Reserve	805	MW
Net Energy	293,263	MWH
Load Factor	86.9	%

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	11258	10651	10230	9983	9883	9703	9922	10198	10798	12263	13185	14016	13883	13575	13827	14060	13931	13797	12900	13024	13543	13269	12618	12134

Gas Usage

Station	(mmscfd)
CBPS	43
GLGR	55
PAKA	87
PGPS	34
SRDG	14
TJGS	198
TNB Total	431
KLPP	96
MPSS	27
PGLA	86
PLPS	96
SGB3	66
SKSP	51
YPGS	34
YPKA	132
IPP Total	588
Total Gas	1,018
Total Gas Required :	1,041
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	22
Total	22

Generation Mix

Type	MWh	Percentage
ST-Coal	47,063.00	16.05 %
Gas	58,479.00	19.94 %
Hydro	17,822.00	6.08 %
Total TNB	123,364.0	42.07 %
ST-Coal	85,104.0	29.02 %
ST-Oil	2,128.0	0.73 %
Gas	79,499.0	27.11 %
Total IPP	166,731.0	56.85 %
Co-Gen	2,132.0	0.73 %
Total Co-Gen	2,132.0	0.73 %
Total Generation	292,227.0	99.65 %
PLTG	-77.0	-0.03 %
HVDC	-959.0	-0.33 %
Interconnection	-1,036.0	-0.35 %
Net Energy	293,263.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	203
Hydro	246
Syncon	351
Thermal	99
Total	898

Weather Temperature

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	31

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	84	81	84	84	87	85	83	83	83	85	86	87	84	88	86	84	85	86	85	86	82	87	84	87	85	80	83	79	81	83	84	81	81	78	78	81	79	75	78	79	77	79	77	76	65	76	78		
Total Gen		11073	10663	10384	10355	10277	10203	10082	10027	9916	9671	9711	9657	9771	9784	10171	10418	10865	11716	12315	12836	13199	13547	13967	13888	13713	13510	13352	13505	13698	13882	13947	13927	13812	13779	13647	13221	12825	12676	13172	13494	13536	13308	13260	13152	12699	12533	12220	11782		
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		-196	-292	-294	29	29	30	30	30	30	30	30	30	30	30	31	31	29	29	30	30	29	29	-149	-146	-149	-149	-148	-148	-149	-147	-147	-147	-146	-149	-147	-147	31	31	31	31	30	30	30	30	32	29	31			
TIE-PLTG		11	-11	27	-43	18	2	69	102	3	-24	-22	29	-181	-254	-57	-58	36	-5	23	28	-16	-4	-78	61	-24	59	-74	-86	19	-33	34	22	28	10	-1	10	72	-37	117	-15	-38	-22	-39	-3	51	-53	57	-45		
Interconnection		-185	-303	-267	-14	47	32	99	132	33	6	8	59	-151	-224	-27	-27	67	24	52	58	14	25	-49	-88	-170	-90	-223	-234	-129	-182	-113	-125	-119	-136	-150	-137	-75	-6	148	16	-7	8	-9	27	81	-21	86	-14		
System Total		11258	10966	10651	10369	10230	10171	9983	9895	9883	9665	9703	9598	9922	10008	10198	10445	10798	11692	12263	12778	13185	13522	14016	13976	13883	13600	13575	13739	13827	14064	14060	14052	13931	13915	13797	13358	12900	12682	13024	13478	13543	13300	13269	13125	12618	12554	12134	11796		
SRev ST-Coal		66	76	60	61	120	160	151	186	253	345	365	357	354	401	237	265	225	77	83	72	126	74	302	126	116	128	121	126	116	120	123	117	54	45	56	62	62	64	63	61	62	64	57	65	58	48	66	66		
SRev ST-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	
SRev ST-Oil		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
SRev CCGT-Gas		787	881	981	1053	1060	1066	1096	1101	1098	1212	1169	1194	1165	1150	854	760	856	499	341	214	239	179	118	123	148	159	166	150	154	160	218	182	213	108	141	342	387	647	339	241	262	227	249	339	646	654	1190	1406		
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	625	625	474	625	625	625	726	726	726	726	726	575	575	575	575	474	323	474	474	323	172	172	86	172	474	474	172	172	172	323	625	625	625	625	625	625	474	474	474	625	625	625	625	625	625	625		
Hydro		331	381	212	171	323	147	249	256	199	131	101	160	76	114	106	103	113	204	462	264	183	369	330	398	331	468	219	170	346	286	371	451	263	301	127	96	209	87	172	373	310	123	158	166	168	110	280	259		
S.Reserve Total		1686	1840	1906	1938	2005	2026	2149	2196	2304	2442	2389	2465	2349	2268	1800	1731	1797	1282	1237	1052	1050	973	949	845	708	962	1006	946	815	805	985	1179	1190	1087	956	1132	1346	1423	1048	1149	1108	1039	1089	1195	1497	1437	2161	2356		