

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,796	MW
Hydro	1,740	MW
Distillate	60	MW
Total TNB	7,656	MW
Total IPP	10,652	MW
Total Co-Gen	62	MW
System Total	18,370	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	4,762	MW
IPP Generation	7,590	MW
Total Set On Bus	13,245	MW
Maximum Demand	12,501	MW
Spinning Reserve	831	MW
Net Energy	271,783	MWH
Load Factor	90.6	%

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	11544	11073	10414	10191	10122	9853	10073	10013	9925	11134	11823	12430	12271	12020	12129	12103	12029	11698	11453	11708	12451	12126	11908	11494

Gas Usage

Station	(mmscfd)
CBPS	53
GLGR	54
PAKA	4
PGPS	27
TJGS	133
TNB Total	272
KLPP	78
MPSS	28
PGLA	83
PLPS	97
SGB3	55
SKSP	42
YPGS	34
YPKA	131
IPP Total	549
Total Gas	821

Total Gas Required : 963
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	1
PKLG	130
TJGS	11
Total	142

Generation Mix

Type	MWh	Percentage
ST-Coal	44,431.00	16.35 %
Gas	37,016.00	13.62 %
Hydro	17,996.00	6.62 %
Distillate	1,584.00	0.58 %
Total TNB	101,027.0	37.17 %
ST-Coal	77,354.0	28.46 %
ST-Oil	12,748.0	4.69 %
Gas	74,926.0	27.57 %
Distillate	163.0	0.06 %
Total IPP	165,191.0	60.78 %
Co-Gen	1,578.0	0.58 %
Total Co-Gen	1,578.0	0.58 %
Total Generation	267,796.0	98.53 %
PLTG	177.0	0.07 %
HVDC	-4,164.0	-1.53 %
Interconnection	-3,987.0	-1.47 %
Net Energy	271,783.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	407
Hydro	214
Syncon	385
Thermal	37
Total	1043

	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																											
PCUF	CUFK	26	27	27	26	27	26	26	29	28	26	27	27	27	26	26	26	26	25	25	25	26	27	27	26	27	26	28	26	27	26	26	26	26	24	24	25	25	25													
Total Co-Gen		57	56	60	59	59	58	59	59	62	61	59	58	60	59	60	60	60	59	63	64	63	62	62	61	61	61	61	60	60	63	61	61	60	62	61	63	61	62	60	61	54	61	59	59	61	60	59				
Total Gen		11421	11099	10883	10465	10066	10122	9982	9800	9761	9591	9592	9566	9727	9749	9711	9415	9630	10208	10819	11198	11709	12057	12295	12414	12159	11981	11932	11946	11970	12093	11943	11838	11858	11789	11585	11338	11286	11496	11809	12475	12569	12303	12119	12059	11861	11580	11418	11218			
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				
TIE-HVDC		-97	-196	-196	-293	-293	-293	-295	-294	-293	-293	-293	-293	-295	-147	-147	-147	-147	-146	-149	-146	-147	-149	-148	-148	-148	-148	-147	-149	-148	-148	-29	-29	-28	-28	-29	-29	-30	-30	-29	-29	-198										
TIE-PLTG		-26	-22	6	-59	-55	-22	86	-52	-68	-42	32	84	-53	-13	-7	-58	-1	24	-20	-1	33	-46	12	59	37	-6	59	-2	-11	-3	-12	132	-23	31	36	19	-19	71	130	31	146	-5	22	57	-17	21	-47	-12			
Interconnection		-123	-218	-190	-352	-348	-315	-209	-346	-361	-334	-261	-209	-346	-306	-302	-351	-295	-269	-315	-148	-114	-193	-135	-87	-112	-152	-88	-151	-159	-151	-160	-15	-171	-116	-113	-129	-167	42	101	3	118	-34	-7	27	-47	-8	-76	-210			
System Total		11544	11317	11073	10817	10414	10437	10191	10146	10122	9925	9853	9775	10073	10055	10013	9766	9925	10477	11134	11346	11823	12250	12430	12501	12271	12133	12020	12097	12129	12244	12103	11853	12029	11905	11698	11467	11453	11454	11708	12472	12451	12337	12126	12032	11908	11588	11494	11428			
SRev ST-Coal		49	40	44	134	256	267	258	342	342	340	348	357	344	355	356	355	322	54	64	42	50	34	44	43	46	36	37	43	23	45	43	44	66	49	37	23	31	33	47	37	34	40	39	40	44	29	37	33			
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	0	
SRev ST-Oil		0	-2	-2	-2	-2	1	1	1	1	7	5	5	0	-1	-1	-2	-2	-2	-2	0	24	23	23	23	23	23	23	1	-81	-14	12	-3	0	-9	-27	-17	-2	-2	-2	-3	-3	-2	-2	-2	-2	0	2	0			
SRev CCGT-Gas		601	795	893	902	996	818	883	1015	1093	1052	1139	1019	1007	1011	1046	1076	1068	1186	1075	638	401	135	153	124	239	385	448	513	559	507	563	846	915	709	836	707	788	781	799	434	318	460	457	674	767	638	649	340			
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		17	8	5	7	9	9	8	8	9	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	625	625	625	625	625	731	625	731	580	731	731	731	731	731	731	731	474	625	625	625	625	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	837	837	686	535	323	323	323	323	323	474	474	474	323	474
Hydro		325	236	37	73	74	91	177	35	101	36	270	248	122	88	84	151	74	365	163	295	46	136	197	167	303	389	379	293	324	260	307	406	292	242	351	292	257	201	98	123	354	464	364	53	154	59	350	413			
S.Reserve Total		1466	1702	1602	1739	1958	1811	1952	2132	2171	2344	2342	2360	2204	2184	2221	2316	2198	2082	1925	1600	1146	953	891	831	1085	1307	1361	1324	1299	1272	1399	1767	1747	1465	1671	1842	1911	1699	1477	914	1026	1285	1181	1239	1437	1200	1361	1260			