

Availability At Daily Maximum Demand Hour

ST-Coal	1,200 MW
ST-Gas	0 MW
ST-Oil	155 MW
Gas	3,982 MW
Hydro	1,599 MW
Distillate	60 MW
Total TNB	6,996 MW
Total IPP	10,232 MW
Total Co-Gen	56 MW
System Total	17,284 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,645 MW
IPP Generation	7,682 MW
Total Set On Bus	13,327 MW
Maximum Demand	12,468 MW
Spinning Reserve	944 MW
Net Energy	267,047 MWH
Load Factor	89.2 %

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	11903	11471	11062	10647	10498	10266	10336	9907	9643	10051	10684	11253	11377	11300	11409	11399	11355	11139	10868	11283	12360	12318	12382	12013

Gas Usage

Station	(mmscfd)
GLGR	28
PAKA	191
PGPS	49
TJGS	135
TNB Total	403
KLPP	4
MPSS	51
PGLA	51
PLPS	69
SGB3	45
SGRI	36
SKSP	48
YPGS	31
YPKA	96
IPP Total	433
Total Gas	836

Total Gas Required : 993
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	33
PKLG	124
Total	157

Generation Mix

Type	MWh	Percentage
ST-Coal	27,325.00	10.23 %
ST-Oil	3,071.00	1.15 %
Gas	53,053.00	19.87 %
Hydro	10,795.00	4.04 %
Total TNB	94,244.0	35.29 %
ST-Coal	100,397.0	37.60 %
ST-Oil	12,201.0	4.57 %
Gas	58,250.0	21.81 %
Total IPP	170,848.0	63.98 %
Co-Gen	1,387.0	0.52 %
Total Co-Gen	1,387.0	0.52 %
Total Generation	266,479.0	99.79 %
PLTG	125.0	0.05 %
HVDC	-693.0	-0.26 %
Interconnection	-568.0	-0.21 %
Net Energy	267,047.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	227
Hydro	117
Syncon	494
Thermal	37
Total	875

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

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		11900	11624	11452	11432	11114	10819	10526	10594	10423	10315	10323	10248	10236	10313	9954	9811	9609	9822	10045	10299	10671	10963	11137	11263	11365	11173	11234	11278	11369	11398	11355	11321	11343	11199	11099	10903	10818	10805	11177	12214	12311	12390	12335	12364	12309	12168	12036	11864				
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	0	
TIE-HVDC		-28	-28	-29	-29	-29	-28	-28	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-28	-28	-29	-28	-28	-29			
TIE-PLTG		18	-118	3	38	74	-41	-100	95	-52	30	79	60	-78	-52	69	97	-12	-6	16	-8	7	55	-94	-53	10	24	-45	34	-18	-23	-22	76	11	86	-18	15	-27	2	-84	-36	-27	-56	38	6	-52	-3	44	13				
Interconnection		-10	-146	-26	9	45	-69	-128	67	-82	0	50	31	-107	-81	40	68	-41	-35	-14	-38	-21	27	-123	-82	-19	-5	-73	6	-47	-52	-51	47	-19	56	-47	-14	-57	-28	-113	-65	-56	-85	10	-22	-81	-31	16	-16				
System Total		11910	11770	11478	11423	11069	10888	10654	10527	10505	10315	10273	10217	10343	10394	9914	9743	9650	9857	10059	10337	10692	10936	11260	11345	11384	11178	11307	11272	11416	11450	11406	11274	11362	11143	11146	10917	10875	10833	11290	12279	12367	12475	12325	12386	12390	12199	12020	11880				
SRev ST-Coal		34	33	38	23	34	27	101	35	44	54	38	38	26	54	150	310	317	313	312	229	234	49	38	47	48	40	43	36	38	46	51	52	44	64	32	39	35	32	33	15	34	46	48	20	41	54	48	38				
SRev ST-Oil		4	35	36	36	6	6	6	2	58	58	58	59	59	60	10	4	3	1	-1	1	0	-2	1	1	1	-1	-1	0	3	0	1	1	8	7	7	7	8	10	12	14	12	9	9	8	13	5	5	6				
SRev CCGT-Gas		844	1012	949	910	887	721	903	932	1014	1049	1063	1052	1070	996	1274	1192	1323	1274	1240	1065	722	558	444	309	272	382	368	366	227	247	282	314	241	317	460	619	747	987	782	202	241	200	175	174	191	257	156	181				
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	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	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	0	0
Syncon		453	388	0	302	539	731	580	580	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731		
Hydro		200	64	387	189	204	22	82	105	18	28	21	108	12	10	85	132	82	105	97	102	367	124	72	69	159	143	93	162	92	146	147	301	94	144	134	169	130	306	374	389	181	208	192	195	57	125	55	214				
S.Reserve Total		1535	1532	1410	1460	1670	1507	1672	1654	1865	1920	1911	1988	1898	1851	2250	2369	2456	2424	2379	2128	1752	1460	1286	1157	1105	1295	1234	1189	1096	1069	1111	1147	1123	1268	1369	1565	1651	2066	1676	943	942	937	898	871	927	1066	889	1064				