

Availability At Daily Maximum Demand Hour

ST-Coal	1,890 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,102 MW
Hydro	1,613 MW
Distillate	60 MW
Total TNB	7,815 MW
Total IPP	11,752 MW
Total Co-Gen	52 MW
System Total	19,619 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,261 MW
IPP Generation	9,167 MW
Total Set On Bus	15,647 MW
Maximum Demand	14,532 MW
Spinning Reserve	1,167 MW
Net Energy	299,624 MWH
Load Factor	85.9 %

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	11631	11063	10513	10236	9979	10011	10183	10202	11081	12586	13414	14070	14139	13856	14320	14484	14238	13985	13125	13348	13741	13430	13080	12574

Gas Usage

Station	(mmscfd)
CBPS	41
GLGR	55
PAKA	61
PGPS	41
SRDG	25
TJGS	150
TNB Total	372
KLPP	112
MPSS	43
PLPS	107
SGB3	87
SGRI	39
SKSP	47
YPGS	34
YPKA	141
IPP Total	610
Total Gas	983

Total Gas Required : 1,055
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	0
PKLG	72
Total	72

Generation Mix

Type	MWh	Percentage
ST-Coal	40,619.00	13.56 %
ST-Oil	17.00	0.01 %
Gas	48,815.00	16.29 %
Hydro	11,741.00	3.92 %
Total TNB	101,192.0	33.77 %
ST-Coal	107,760.0	35.97 %
ST-Oil	6,874.0	2.29 %
Gas	81,595.0	27.23 %
Total IPP	196,229.0	65.49 %
Co-Gen	1,390.0	0.46 %
Total Co-Gen	1,390.0	0.46 %
Total Generation	298,811.0	99.73 %
PLTG	-115.0	-0.04 %
HVDC	-698.0	-0.23 %
Interconnection	-813.0	-0.27 %
Net Energy	299,624.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	292
Hydro	211
Syncon	397
Thermal	113
Total	1014

	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																											
PCUF	CUFK	29	29	29	27	29	26	28	29	28	28	29	28	27	28	28	27	28	28	27	25	26	23	25	27	25	26	23	26	28	31	30	29	27	27	31	28	30														
Total Co-Gen		54	55	55	53	55	51	53	54	54	53	54	54	55	53	52	51	53	53	51	53	54	51	53	56	52	52	52	53	52	52	50	52	47	50	52	50	50	47	51	51	57	55	54	51	51	57	53	56			
Total Gen		11498	11217	10993	10809	10469	10396	10352	9996	9999	9870	9945	9989	10089	10381	10353	10607	11005	11971	12559	12948	13425	13743	14071	14271	14165	14009	13884	13949	14299	14480	14402	14313	14330	14389	13879	13706	13106	12987	13270	13758	13626	13661	13430	13371	13026	12721	12454	12294			
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			
TIE-HVDC		-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-28	-28	-28	-28	-30	-30	-29	-29	-29	-28	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29			
TIE-PLTG		-104	8	-40	98	-15	1	145	20	49	-17	-37	-121	-64	-42	181	115	-47	4	2	-33	40	-28	29	-27	54	19	58	-71	8	-23	-53	24	121	11	-77	62	10	29	-49	-17	-85	32	29	32	-25	-54	-91	-68			
Interconnection		-133	-21	-70	68	-44	-28	116	-9	20	-46	-66	-150	-94	-72	151	85	-76	-25	-27	-62	11	-57	1	-55	26	-9	28	-101	-21	-52	-82	-4	92	-18	-106	33	-19	0	-78	-47	-115	3	0	3	-54	-83	-120	-97			
System Total		11631	11238	11063	10741	10513	10424	10236	10005	9979	9916	10011	10139	10183	10453	10202	10522	11081	11996	12586	13010	13414	13800	14070	14326	14139	14018	13856	14050	14320	14532	14484	14317	14238	14407	13985	13673	13125	12987	13348	13805	13741	13658	13430	13368	13080	12804	12574	12391			
SRev ST-Coal		368	366	420	430	428	427	427	427	427	428	434	428	428	428	368	459	399	236	35	34	89	81	113	98	66	109	81	100	117	103	108	104	118	44	57	39	43	45	49	24	-35	59	71	105	67	60	61	69			
SRev ST-Oil		57	55	54	54	54	54	55	55	55	55	55	55	55	54	54	54	54	54	54	55	55	55	55	54	54	54	54	54	54	54	54	54	54	54	54	55	55	54	54	55	55	54	54	55	55	54	54	54	54	54	
SRev CCGT-Gas		466	652	860	945	989	1040	1052	1060	1065	1045	1003	1007	1007	958	1141	1006	985	798	664	494	366	571	391	197	267	322	333	299	273	261	230	236	215	191	212	219	511	480	319	147	194	149	332	238	410	368	388	221			
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
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
Syncon		645	645	494	494	645	645	645	645	645	494	494	645	645	645	645	645	645	645	645	645	539	237	388	303	388	388	539	539	237	388	388	388	453	343	645	645	388	539	539	388	388	539	539	645	645	645	645	343			
Hydro		102	137	249	274	105	131	144	136	138	126	248	221	102	119	146	142	139	101	146	155	132	360	98	138	147	132	64	115	274	204	204	170	44	152	41	36	291	148	23	135	285	127	182	42	123	88	97	282			
S.Reserve Total		1638	1855	2077	2197	2221	2297	2323	2323	2330	2299	2234	2205	2237	2205	2354	2306	2307	1919	1629	1467	1266	1389	1163	881	1012	1096	1163	1199	1088	1167	1089	1122	1064	948	1210	1142	1372	1352	1070	833	971	1014	1264	1169	1384	1300	1330	1054			