

Availability At Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,131 MW
Hydro	1,740 MW
Distillate	0 MW
Total TNB	7,311 MW
Total IPP	11,295 MW
Total Co-Gen	46 MW
System Total	18,652 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30	
TNB Generation	4,369 MW
IPP Generation	8,779 MW
Total Set On Bus	13,949 MW
Maximum Demand	13,249 MW
Spinning Reserve	755 MW
Net Energy	286,808 MWH
Load Factor	90.2 %

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	12300	11488	11244	10820	10564	10461	10482	10328	10302	11475	12318	12958	13042	12812	12880	12969	12778	12432	11987	12013	13041	12872	12591	12321

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	31
PAKA	1
PGPS	48
SRDG	6
TJGS	137
TNB Total	270

Alternate Fuel Usage

Station	(mmscfd)
PKLG	117
Total	117

Generation Mix

Type	MWh	Percentage
ST-Coal	30,746.00	10.72 %
Gas	35,595.00	12.41 %
Hydro	22,874.00	7.98 %
Total TNB	89,215.0	31.11 %
ST-Coal	109,926.0	38.33 %
ST-Oil	11,422.0	3.98 %
Gas	73,618.0	25.67 %
Total IPP	194,966.0	67.98 %
Co-Gen	1,389.0	0.48 %
Total Co-Gen	1,389.0	0.48 %
Total Generation	285,570.0	99.57 %
PLTG	-542.0	-0.19 %
HVDC	-696.0	-0.24 %
Interconnection	-1,238.0	-0.43 %
Net Energy	286,808.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	333
Hydro	145
Syncon	284
Thermal	50
Total	812

KLPP	3
MPSS	48
PGLA	85
PKLG	0
PLPS	113
SGB3	84
SKSP	57
YPGS	35
YPKA	136
IPP Total	562
Total Gas	831

Total Gas Required : 948
Gas Calorific Value : 38.500

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
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																										
TIE-HVDC		-30	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-30	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-30	-30																								
TIE-PLTG		-13	-38	-53	-109	1	95	-27	43	-41	-73	-98	-42	-20	-73	62	69	12	-40	-45	-25	-18	-62	-51	-25	-69	14	-42	-44	4	1	-34	29	-33	-75	21	15	58	-2	-54	-122	22	65	7	-73	-14	75	14	-16		
Interconnection		-43	-67	-82	-138	-28	67	-55	14	-70	-102	-127	-71	-49	-102	33	40	-17	-69	-74	-54	-47	-91	-80	-55	-99	-15	-71	-73	-25	-29	-64	0	-62	-104	-8	-14	29	-31	-83	-150	-6	36	-22	-102	-42	47	-16	-46		
System Total		12300	11814	11488	11500	11244	10908	10820	10605	10564	10437	10461	10386	10482	10652	10328	10267	10302	10902	11475	12053	12318	12792	12958	13249	13042	12719	12812	12837	12880	12972	12969	12871	12778	12810	12432	12354	11987	11951	12013	12800	13041	12953	12872	12904	12591	12385	12321	12111		
SRev ST-Coal		44	45	60	39	46	47	68	128	106	147	259	262	176	185	95	66	141	90	62	59	83	58	30	64	43	52	45	44	60	56	53	42	58	95	106	78	60	71	65	39	57	13	39	47	46	48	47	49		
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		26	36	36	36	28	22	21	21	45	45	45	-43	32	56	56	56	56	0	-7	-5	1	10	24	27	27	47	47	21	12	11	8	23	18	16	16	14	0	-2	-2	-3	-3	-3	-3	-3	-3	0	0	0	0	
SRev CCGT-Gas		1116	1200	675	669	743	843	924	975	997	1034	960	1033	1066	977	1036	1051	1022	913	914	575	498	335	276	290	276	432	365	299	301	309	310	251	278	276	328	475	768	920	923	472	268	366	429	357	471	428	413	416		
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 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		86	388	302	151	302	302	453	453	539	539	539	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	453	
Hydro		226	109	94	208	124	221	94	129	126	170	57	143	212	100	268	331	229	104	197	225	224	186	114	178	167	237	90	46	85	154	195	301	286	52	154	97	126	76	73	282	218	171	185	142	215	223	73	65		
S.Reserve Total		1498	1778	1167	1103	1243	1435	1645	1791	1898	2020	1945	1933	1939	1771	1908	1957	1986	1616	1626	1305	1102	882	883	755	1007	1243	1042	889	920	833	871	904	1098	1045	1208	1270	1572	1671	1663	942	907	1008	1099	886	1031	1149	986	983		