

Availability At Daily Maximum Demand Hour

ST-Coal	1,200 MW
ST-Gas	0 MW
ST-Oil	155 MW
Gas	3,367 MW
Hydro	1,526 MW
Distillate	60 MW
Total TNB	6,308 MW
Total IPP	10,802 MW
Total Co-Gen	78 MW
System Total	17,188 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,063 MW
IPP Generation	8,605 MW
Total Set On Bus	13,609 MW
Maximum Demand	12,707 MW
Spinning Reserve	863 MW
Net Energy	275,565 MWH
Load Factor	90.4 %

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	11993	11467	11039	10677	10467	10256	10082	10076	10154	11238	11962	12513	12437	12224	12275	12279	12122	11709	11493	11682	12707	12235	12014	11655

Gas Usage

Station	(mmscfd)
CBPS	22
GLGR	55
PAKA	120
PGPS	48
TJGS	95
TNB Total	340
KLPP	7
MPSS	50
PGLA	82
PLPS	109
SGB3	72
SGRI	48
SKSP	49
YPGS	34
YPKA	140
IPP Total	591
Total Gas	931

Total Gas Required : 1,034
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	34
PKLG	69
Total	103

Generation Mix

Type	MWh	Percentage
ST-Coal	27,360.00	9.93 %
ST-Oil	3,170.00	1.15 %
Gas	44,538.00	16.16 %
Hydro	11,129.00	4.04 %
Total TNB	86,197.0	31.28 %
ST-Coal	99,872.0	36.24 %
ST-Oil	6,719.0	2.44 %
Gas	79,796.0	28.96 %
Total IPP	186,387.0	67.64 %
Co-Gen	2,065.0	0.75 %
Total Co-Gen	2,065.0	0.75 %
Total Generation	274,649.0	99.67 %
PLTG	-217.0	-0.08 %
HVDC	-699.0	-0.25 %
Interconnection	-916.0	-0.33 %
Net Energy	275,565.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	399
Hydro	121
Syncon	396
Thermal	38
Total	953

Weather Temperature

Weather	Temperature
Morning	Hot 32
Afternoon	Sunny 28

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Net Energy	275,565 MWH
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Hydro	11,129.00	4.04 %
Total TNB	86,197.0	31.28 %
ST-Coal	99,872.0	36.24 %
ST-Oil	6,719.0	2.44 %
Gas	79,796.0	28.96 %
Total IPP	186,387.0	67.64 %
Co-Gen	2,065.0	0.75 %
Total Co-Gen	2,065.0	0.75 %
Total Generation	274,649.0	99.67 %
PLTG	-217.0	-0.08 %
HVDC	-699.0	-0.25 %
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Type	MW
GT	399
Hydro	121
Syncon	396
Thermal	38
Total	953

	Weather	Temperature
Morning	Hot	32
Afternoon	Sunny	28

Daily MW Generation On Saturday

10-Sep-2011

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	32	32	32	32	30	31	32	30	32	31	31	32	30	33	31	33	31	29	29	29	29	28	26	28	28	27	29	29	28	29	29	33	30	30	31	30	29	29	30	31	30	29	29	29							
Total Co-Gen		82	82	82	81	79	81	82	79	83	81	81	82	80	81	82	83	80	83	80	76	77	77	76	76	75	75	73	75	75	73	76	77	76	78	78	83	78	78	80	79	78	79	79	80	80	79	79	79			
Total Gen		11952	11547	11385	11227	11006	10767	10615	10549	10413	10273	10185	10130	10092	10116	10115	9810	10125	10713	11200	11663	11962	12286	12408	12725	12533	12206	12068	12028	12126	12302	12238	12059	12093	11997	11682	11685	11433	11468	11559	12456	12746	12431	12272	12188	11931	11755	11571	11290			
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		-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28	-29	-29	-29	-29	-30	-30	-29	-29	-29	-28	-28	-30	-30	-29	-28	-28	-30	-30	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-30	-30	-30	-29	-29	
TIE-PLTG		-11	-62	-53	-31	-4	9	-33	-21	-25	-78	-42	-16	39	11	69	-6	-1	-34	-9	8	29	31	-75	90	125	22	-127	-84	-121	16	-11	-33	0	-21	1	21	-30	46	-94	-40	68	42	67	2	-53	47	-55	-43			
Interconnection		-41	-91	-82	-60	-33	-20	-62	-50	-54	-107	-71	-45	10	-19	39	-34	-29	-63	-38	-21	0	1	-105	61	96	-7	-156	-112	-149	-14	-41	-62	-29	-49	-27	-9	-60	17	-123	-69	39	12	37	-28	-83	18	-84	-72			
System Total		11993	11638	11467	11287	11039	10787	10677	10599	10467	10380	10256	10175	10082	10135	10076	9844	10154	10776	11238	11684	11962	12285	12513	12664	12437	12213	12224	12140	12275	12316	12279	12121	12122	12046	11709	11694	11493	11451	11682	12525	12707	12419	12235	12216	12014	11737	11655	11362			
SRev ST-Coal		19	28	23	25	15	43	55	204	212	221	218	222	220	197	222	302	288	117	26	26	27	28	16	24	42	29	27	35	48	47	31	28	37	28	30	11	22	39	26	30	25	30	25	27	24	32	33	23			
SRev ST-Oil		-2	-1	-1	-1	-2	-1	-1	0	45	55	55	56	56	30	30	31	31	31	31	31	31	31	32	17	3	3	29	29	29	30	30	15	3	4	1	4	4	4	4	5	5	6	5	4	5	1	3	4	3		
SRev CCGT-Gas		1021	1248	1045	871	1069	1165	1258	1312	1310	1306	1314	1326	1305	1252	1237	1381	1219	928	570	451	158	264	248	256	329	532	770	754	712	472	545	647	675	688	1048	1111	1330	1276	1249	540	251	563	735	450	602	721	516	853			
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	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		453	454	237	539	539	539	539	539	645	645	645	494	494	645	645	645	645	645	645	645	645	645	388	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	237	388	388	388	388	388	388	237	388	
Hydro		158	100	302	99	131	247	190	139	117	85	132	261	262	136	134	139	82	141	99	81	76	283	133	112	193	241	99	96	177	103	160	153	107	53	108	66	83	85	35	189	193	193	186	113	225	276	176	210			
S.Reserve Total		1734	1829	1606	1533	1752	1993	2041	2194	2329	2312	2364	2359	2337	2260	2268	2498	2265	1862	1371	1234	937	995	953	934	1106	1370	1464	1453	1355	1191	1290	1370	1211	1309	1729	1731	1978	1943	1854	1001	863	1179	1338	983	1240	1420	966	1477			