

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	4,106	MW
Hydro	1,890	MW
Distillate	60	MW
Total TNB	8,116	MW
Total IPP	10,642	MW
Total Co-Gen	83	MW
System Total	18,841	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30		
TNB Generation	5,045	MW
IPP Generation	6,571	MW
Total Set On Bus	12,856	MW
Maximum Demand	11,708	MW
Spinning Reserve	1,157	MW
Net Energy	253,406	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	11389	10924	10391	10082	9768	9825	9487	9427	9310	9741	10346	10925	10914	10848	10808	10974	10909	10627	10519	11178	11642	11472	11280	10940

Gas Usage

Station	(mmscfd)
CBPS	26
GLGR	56
PAKA	82
PGPS	17
TJGS	162
TNB Total	344
KLPP	62
MPSS	4
PGLA	53
PLPS	76
SGB3	35
SKSP	44
YPGS	55
YPKA	97
IPP Total	425
Total Gas	769

Total Gas Required : 923
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	18
PKLG	136
Total	154

Generation Mix

Type	MWh	Percentage
ST-Coal	45,903.00	18.11 %
ST-Oil	1,691.00	0.67 %
Gas	46,141.00	18.21 %
Hydro	11,170.00	4.41 %
Total TNB	104,905.0	41.40 %
ST-Coal	75,739.0	29.89 %
ST-Oil	13,379.0	5.28 %
Gas	57,268.0	22.60 %
Total IPP	146,386.0	57.77 %
Co-Gen	2,157.0	0.85 %
Total Co-Gen	2,157.0	0.85 %
Total Generation	253,448.0	100.02 %
PLTG	42.0	0.02 %
Interconnection	42.0	0.02 %
Net Energy	253,406.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	262
Hydro	150
Syncon	471
Thermal	44
Total	926

	Weather	Temperature
Morning	Sunny	28
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																												
SRev ST-Coal		70	57	105	109	204	300	294	361	359	360	366	363	367	358	356	374	378	374	377	359	300	215	117	37	39	73	117	84	83	43	29	32	33	43	144	153	212	239	239	39	39	33	36	36	36	35	35	86				
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	0	
SRev ST-Oil		0	0	2	6	6	6	4	4	4	2	1	2	1	0	2	-1	-3	-3	-1	0	0	0	0	-1	-1	0	0	0	0	0	0	-1	-1	-1	1	1	0	-1	-1	-1	1	0	0	5	3	1	-1	-1				
SRev CCGT-Gas		481	563	465	131	623	799	977	1033	1228	1001	954	1038	1094	1088	1108	1338	1327	1218	760	639	502	371	75	315	328	460	489	218	410	228	313	296	329	343	436	495	779	816	338	233	207	193	351	474	550	897	712	852				
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		539	388	539	539	539	539	539	539	645	645	645	731	731	580	429	580	580	580	580	580	580	580	580	580	580	580	429	429	580	580	474	580	580	474	474	474	474	580	429	580	625	625	731	731	731	731	731	580	580			
Hydro		58	239	42	172	214	121	146	83	150	89	46	145	142	117	322	298	169	73	142	89	106	80	109	118	117	257	193	76	149	264	190	167	161	221	211	166	174	339	157	261	320	218	226	195	231	183	215	262				
S.Reserve Total		1148	1247	1153	957	1586	1765	1960	2020	2280	2097	2012	2193	2335	2294	2368	2438	2451	2242	1858	1667	1488	1246	880	1049	1064	1219	1228	958	1222	1009	1112	1074	996	1080	1266	1289	1745	1822	1313	1157	1192	1175	1344	1441	1551	1847	1541	1779				