

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	0 MW
ST-Oil	80 MW
Gas	3,416 MW
Hydro	1,890 MW
Distillate	60 MW
Total TNB	7,426 MW
Total IPP	10,242 MW
Total Co-Gen	85 MW
System Total	17,753 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30	
TNB Generation	4,725 MW
IPP Generation	7,766 MW
Total Set On Bus	13,524 MW
Maximum Demand	12,614 MW
Spinning Reserve	948 MW
Net Energy	260,611 MWH
Load Factor	86.1 %

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	10411	9899	9637	9379	9177	9020	9019	9156	9327	10340	11181	11899	11988	11694	11936	11918	11871	11720	11502	12044	12596	12429	12075	11631

Gas Usage

Station	(mmscfd)
CBPS	42
GLGR	54
PAKA	45
TJGS	108
TNB Total	249
KLPP	101
MPSS	22
PGLA	84
PLPS	110
SGB3	79
SGRI	30
SKSP	51
YPGS	54
YPKA	60
IPP Total	591
Total Gas	840

Total Gas Required : 956
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	17
PKLG	99
Total	116

Generation Mix

Type	MWh	Percentage
ST-Coal	44,509.00	17.08 %
ST-Oil	1,624.00	0.62 %
Gas	34,142.00	13.10 %
Hydro	15,003.00	5.76 %
Total TNB	95,278.0	36.56 %
ST-Coal	72,267.0	27.73 %
ST-Oil	9,548.0	3.66 %
Gas	79,511.0	30.51 %
Total IPP	161,326.0	61.90 %
Co-Gen	2,145.0	0.82 %
Total Co-Gen	2,145.0	0.82 %
Total Generation	258,749.0	99.29 %
PLTG	18.0	0.01 %
HVDC	-1,880.0	-0.72 %
Interconnection	-1,862.0	-0.71 %
Net Energy	260,611.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	180
Hydro	226
Syncon	419
Thermal	60
Total	885

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Daily MW Generation On Monday

28-Nov-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																											
SRev ST-Coal		40	64	66	65	75	83	121	259	264	267	255	303	353	351	354	347	350	264	240	191	96	104	99	26	37	34	33	26	32	35	30	30	28	32	35	28	37	36	58	43	50	34	66	70	62	44	34	43			
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		-18	-33	-87	48	58	39	57	57	57	56	56	56	56	56	56	56	22	22	22	56	57	28	2	10	41	55	56	55	55	55	56	56	56	56	57	57	57	57	-12	6	6	6	7	6	4	4	2	2			
SRev CCGT-Gas		318	578	816	735	831	830	919	843	860	925	982	951	880	812	718	799	588	141	398	401	544	465	213	252	347	313	225	203	140	111	108	112	149	161	183	238	411	576	313	208	199	249	257	269	313	281	483	571			
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		731	731	731	731	731	731	580	731	731	731	731	731	580	580	731	474	474	474	323	323	323	474	474	731	731	580	731	731	731	731	474	474	625	625	625	625	474	237	237	237	237	474	474	474	625	323					
Hydro		109	146	151	155	144	130	138	246	115	107	113	114	108	102	188	239	26	206	171	68	120	77	270	209	206	310	215	320	144	120	135	42	263	111	240	234	266	317	211	304	329	349	385	292	192	237	81	126			
S.Reserve Total		1180	1486	1677	1734	1839	1813	1966	1985	2032	2091	2142	2160	2128	2052	1896	2021	1751	1107	1305	1156	1139	1026	933	963	1074	1429	1259	1185	1102	1052	1059	971	970	834	1140	1182	1396	1611	1044	948	971	1025	1102	1261	1195	1190	1377	1215			