

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,146 MW
Hydro	1,808 MW
Distillate	0 MW
Total TNB	7,484 MW
Total IPP	11,049 MW
Total Co-Gen	78 MW
System Total	18,611 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	5,192 MW
IPP Generation	7,771 MW
Total Set On Bus	14,018 MW
Maximum Demand	13,006 MW
Spinning Reserve	977 MW
Net Energy	272,980 MWH
Load Factor	87.5 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	12271	11695	11375	10852	10608	10345	10291	10064	9637	10251	10939	11401	11683	11527	11626	11728	11770	11579	11313	11639	12971	13000	12867	12667

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	56
PAKA	60
PGPS	49
SRDG	4
TJGS	211
TNB Total	437
KLPP	103
MPSS	53
PGLA	95
SGB3	94
SKSP	56
YPGS	54
YPKA	84
IPP Total	539
Total Gas	976

Total Gas Required : 982
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	5
Total	5

Generation Mix

Type	MWh	Percentage
ST-Coal	32,893.00	12.05 %
Gas	58,170.00	21.31 %
Hydro	8,083.00	2.96 %
Total TNB	99,146.0	36.32 %
ST-Coal	100,793.0	36.92 %
ST-Oil	515.0	0.19 %
Gas	71,537.0	26.21 %
Total IPP	172,845.0	63.32 %
Co-Gen	2,117.0	0.78 %
Total Co-Gen	2,117.0	0.78 %
Total Generation	274,108.0	100.41 %
PLTG	401.0	0.15 %
HVDC	727.0	0.27 %
Interconnection	1,128.0	0.41 %
Net Energy	272,980.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	251
Hydro	133
Syncon	455
Thermal	34
Total	873

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

Daily MW Generation On Sunday
02-Sep-2012

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		15	12	14	12	10	19	20	15	18	170	170	172	158	176	250	284	284	162	10	8	27	10	12	59	62	52	53	57	61	53	54	10	3	15	11	-9	-67	20	21	11	10	25	20	9	2	28	14	12	
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	15	3	
SRev CCGT-Gas		194	239	314	252	373	473	630	627	858	883	1017	936	1019	1130	1199	1371	1565	1433	1368	1085	674	520	422	364	292	436	413	374	303	266	294	245	266	362	474	610	859	883	669	252	184	181	173	196	183	153	296	219	
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
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
Syncon		625	625	625	625	474	625	625	625	625	625	474	625	625	625	474	625	625	625	625	625	625	625	625	625	474	625	625	625	625	625	625	474	625	625	474	625	474	474	474	474	474	474	474	625	625				
Hydro		196	142	252	94	214	119	99	89	107	118	135	266	134	135	126	264	138	94	94	94	94	139	124	100	246	116	112	118	105	91	123	84	94	257	104	150	88	231	101	296	252	230	231	253	240	218	174	119	
S.Reserve Total		1036	1024	1211	989	1077	1242	1380	1362	1614	1802	1953	1854	1942	2072	2206	2399	2618	2320	2103	1818	1426	1300	1189	1154	1080	1235	1209	1180	1100	1041	1102	970	994	1114	1220	1382	1511	1614	1450	1067	1010	977	966	1000	1018	941	1215	984	