

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,406	MW
Hydro	1,860	MW
Distillate	0	MW
Total TNB	8,396	MW
Total IPP	12,057	MW
Total Co-Gen	79	MW
System Total	20,532	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

TNB Generation	4,936	MW
IPP Generation	7,578	MW
Total Set On Bus	13,443	MW
Maximum Demand	12,587	MW
Spinning Reserve	850	MW
Net Energy	270,735	MWH
Load Factor	89.6	%

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	12283	11692	11336	10855	10654	10373	10400	10211	9463	10172	10796	11275	11502	11479	11606	11720	11586	11304	11049	11338	12412	12587	12354	12212

Gas Usage

Station	(mmscfd)
GLGR	56
PGPS	26
TJGS	167
TNB Total	249
KLPP	66
PGLA	69
PLPS	111
SKSP	58
YPGS	30
YPKA	94
IPP Total	429
Total Gas	678

Total Gas Required : 738
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	60
Total	60

Generation Mix

Type	MWh	Percentage
ST-Coal	46,612.00	17.22 %
Gas	34,298.00	12.67 %
Hydro	19,774.00	7.30 %
Total TNB	100,684.0	37.19 %
ST-Coal	104,896.0	38.74 %
ST-Oil	5,890.0	2.18 %
Gas	56,674.0	20.93 %
Total IPP	167,460.0	61.85 %
Co-Gen	2,096.0	0.77 %
Total Co-Gen	2,096.0	0.77 %
Total Generation	270,240.0	99.82 %
PLTG	207.0	0.08 %
HVDC	-702.0	-0.26 %
Interconnection	-495.0	-0.18 %
Net Energy	270,735.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	102
Hydro	316
Syncon	349
Thermal	54
Total	821

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	33

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		
Hydro		340	231	139	51	210	213	158	147	26	45	158	146	41	65	56	132	262	146	81	103	207	199	200	347	532	554	609	334	347	377	390	380	495	442	387	329	370	281	176	302	382	345	233	349	444	405	733	476
S.Reserve Total		905	1320	1363	1430	1592	1473	1393	1546	1714	1743	1913	1916	1890	1783	1915	2031	2313	2134	2049	1792	1410	1020	812	1091	1152	1142	1192	1081	1085	976	974	958	1077	1142	1127	1359	1520	1731	1617	1198	1003	962	850	984	1087	1034	1249	1367