

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,056 MW
Hydro	1,706 MW
Distillate	60 MW
Total TNB	7,952 MW
Total IPP	11,197 MW
Total Co-Gen	83 MW
System Total	19,782 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00	
TNB Generation	4,750 MW
IPP Generation	7,297 MW
Total Set On Bus	13,107 MW
Maximum Demand	12,159 MW
Spinning Reserve	977 MW
Net Energy	262,261 MWH
Load Factor	89.9 %

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	11832	11363	10993	10491	10373	9913	9888	9989	9277	9820	10460	11017	11121	11022	11234	11318	11235	11076	10730	11179	12104	12159	11923	11680

Gas Usage

Station	(mmscfd)
GLGR	60
PAKA	51
PGPS	55
TJGS	137
TNB Total	304
KLPP	82
MPSS	31
PGLA	60
PLPS	107
SGB3	35
SKSP	49
YPGS	30
YPKA	93
IPP Total	486
Total Gas	790
Total Gas Required :	790
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	45,985.00	17.53 %
Gas	39,884.00	15.21 %
Hydro	9,556.00	3.64 %
Total TNB	95,425.0	36.39 %
ST-Coal	97,990.0	37.36 %
Gas	65,629.0	25.02 %
Total IPP	163,619.0	62.39 %
Co-Gen	2,274.0	0.87 %
Total Co-Gen	2,274.0	0.87 %
Total Generation	261,318.0	99.64 %
PLTG	-243.0	-0.09 %
HVDC	-700.0	-0.27 %
Interconnection	-943.0	-0.36 %
Net Energy	262,261.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	172
Hydro	139
Syncon	523
Thermal	69
Total	904

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	29

