

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,161	MW
Hydro	1,828	MW
Distillate	1,050	MW
Total TNB	7,419	MW
Total IPP	11,482	MW
Total Co-Gen	81	MW
System Total	18,982	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,624	MW
IPP Generation	9,988	MW
Total Set On Bus	16,709	MW
Maximum Demand	15,650	MW
Spinning Reserve	1,016	MW
Net Energy	326,048	MWH
Load Factor	86.8	%

Maximum Demand Record

Date :	16/05/2012	15,723.0 MW
Date :	05/06/2012	326,048.0 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	13100	12489	11968	11667	11431	11258	11023	11116	11772	13542	14477	15212	15064	14710	15233	15538	15650	15350	14069	13683	14534	14441	13984	13702

Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	43
PAKA	129
PGPS	50
SRDG	14
TJGS	111
TNB Total	350
KLPP	79
MPSS	62
PDPS	3
PGLA	97
PLPS	106
SGB3	67
SGRI	145
SKSP	58
YPKA	128
IPP Total	746
Total Gas	1,097

Total Gas Required : 1,345
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	19
PDPS	15
PKLG	66
SGB3	28
SGRI	18
SRDG	15
TJGS	87
Total	248

Generation Mix

Type	MWh	Percentage
ST-Coal	34,873.00	10.70 %
Gas	43,387.00	13.31 %
Hydro	17,565.00	5.39 %
Distillate	13,602.00	4.17 %
Total TNB	109,427.0	33.56 %
ST-Coal	101,463.0	31.12 %
ST-Oil	6,543.0	2.01 %
Gas	97,556.0	29.92 %
Distillate	9,521.0	2.92 %
Total IPP	215,083.0	65.97 %
Co-Gen	2,210.0	0.68 %
Total Co-Gen	2,210.0	0.68 %
Total Generation	326,720.0	100.21 %
PLTG	-56.0	-0.02 %
HVDC	728.0	0.22 %
Interconnection	672.0	0.21 %
Net Energy	326,048.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	313
Hydro	181
Syncon	430
Thermal	61
Total	985

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

