

Availability At Daily Maximum Demand Hour

ST-Coal	1,200 MW
ST-Gas	0 MW
ST-Oil	155 MW
Gas	3,007 MW
Hydro	1,582 MW
Distillate	520 MW
Total TNB	6,464 MW
Total IPP	10,692 MW
Total Co-Gen	62 MW
System Total	17,218 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00	
TNB Generation	5,045 MW
IPP Generation	9,680 MW
Total Set On Bus	15,600 MW
Maximum Demand	14,744 MW
Spinning Reserve	813 MW
Net Energy	307,622 MWH
Load Factor	86.9 %

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	12329	11739	11289	11018	10852	10928	10940	10790	11340	12879	13743	14450	14337	13957	14189	14744	14695	14180	13398	13140	13623	13835	13338	12898

Gas Usage

Station	(mmscfd)
CBPS	44
GLGR	57
PAKA	197
PGPS	50
SRDG	39
TJGS	8
TNB Total	395
KLPP	38
MPSS	49
PGLA	57
PLPS	101
PTEK	3
SGB3	27
SGRI	83
SKSP	51
YPGS	33
YPKA	104
IPP Total	546
Total Gas	941

Total Gas Required : 1,442
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	75
PDPS	25
PGLA	36
PGPS	34
PKLG	138
PLPS	5
PTEK	4
SGB3	66
SGRI	54
SRDG	17
TJGS	47
Total	501

Generation Mix

Type	MWh	Percentage
ST-Coal	27,294.00	8.87 %
ST-Oil	3,213.00	1.04 %
Gas	46,947.00	15.26 %
Hydro	17,905.00	5.82 %
Distillate	7,382.00	2.40 %
Total TNB	102,741.0	33.40 %
ST-Coal	83,292.0	27.08 %
ST-Oil	13,252.0	4.31 %
Gas	73,911.0	24.03 %
Distillate	33,390.0	10.85 %
Total IPP	203,845.0	66.26 %
Co-Gen	1,730.0	0.56 %
Total Co-Gen	1,730.0	0.56 %
Total Generation	308,316.0	100.23 %
PLTG	-35.0	-0.01 %
HVDC	729.0	0.24 %
Interconnection	694.0	0.23 %
Net Energy	307,622.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	387
Hydro	140
Syncon	326
Thermal	32
Total	886

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Daily MW Generation On Friday
19-Aug-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																								
S.Reserve Total		1300	1188	1317	1040	1211	1054	1360	1412	1475	1423	1356	1348	1355	1243	1451	1621	1680	1393	1511	1231	1226	1078	903	849	1087	1023	1136	1178	948	897	813	906	886	905	1022	1443	1321	1549	1218	1104	995	945	938	1177	1170	1047	1166	1119