

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	3,825	MW
Hydro	1,681	MW
Distillate	0	MW
Total TNB	7,646	MW
Total IPP	11,282	MW
Total Co-Gen	47	MW
System Total	18,975	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:30		
TNB Generation	4,308	MW
IPP Generation	8,780	MW
Total Set On Bus	14,081	MW
Maximum Demand	13,157	MW
Spinning Reserve	946	MW
Net Energy	278,384	MWH
Load Factor	88.2	%

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	12427	12003	11563	11191	10903	10681	10588	10239	9899	10499	11175	11690	11895	11863	12022	12095	11987	11790	11468	11590	12893	12992	13050	12561

Gas Usage

Station	(mmscfd)
CBPS	27
GLGR	54
PAKA	42
PGPS	23
TJGS	110
TNB Total	256
KLPP	81
MPSS	30
PGLA	72
PLPS	72
SGRI	196
YPGS	35
YPKA	70
IPP Total	556
Total Gas	811
Total Gas Required :	926
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	115
Total	115

Generation Mix

Type	MWh	Percentage
ST-Coal	48,083.00	17.27 %
Gas	33,486.00	12.03 %
Hydro	14,119.00	5.07 %
Total TNB	95,688.0	34.37 %
ST-Coal	95,900.0	34.45 %
ST-Gas	1,576.0	0.57 %
ST-Oil	11,190.0	4.02 %
Gas	72,296.0	25.97 %
Total IPP	180,962.0	65.00 %
Co-Gen	1,245.0	0.45 %
Total Co-Gen	1,245.0	0.45 %
Total Generation	277,895.0	99.82 %
PLTG	203.0	0.07 %
HVDC	-692.0	-0.25 %
Interconnection	-489.0	-0.18 %
Net Energy	278,384.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	313
Hydro	109
Syncon	440
Thermal	25
Total	888

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

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 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
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
Syncon	625	625	625	625	474	625	474	625	625	625	625	625	474	625	625	625	474	474	625	625	625	474	625	625	474
Hydro	62	63	60	60	205	74	209	78	71	79	73	79	80	209	83	72	78	74	73	80	81	135	119	211	206
S.Reserve Total	975	1116	893	1039	1062	1149	1267	1513	1581	1761	1697	1751	1734	1682	1792	2371	2473	2387	1863	1679	1164	953	1198	1111	1008