

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	2,784 MW
Hydro	1,815 MW
Distillate	790 MW
Total TNB	7,529 MW
Total IPP	9,754 MW
Total Co-Gen	72 MW
System Total	17,355 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,404 MW
IPP Generation	8,937 MW
Total Set On Bus	16,437 MW
Maximum Demand	15,657 MW
Spinning Reserve	1,024 MW
Net Energy	318,177 MWH
Load Factor	84.7 %

Maximum Demand Record

Date :	16/04/2013	16,356.0 MW
Date :	16/04/2013	338,800.0 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	12154	11384	11051	10707	10568	10547	10848	10943	11481	13210	14229	14999	14912	14703	15306	15558	15657	15250	14083	13803	14667	14355	13806	13341

Gas Usage

Station	(mmscfd)
CBPS	32
GLGR	58
PAKA	155
PGPS	27
SRDG	26
TJGS	112
TNB Total	410
KLPP	103
PDPS	9
PGLA	111
PKLG	45
PLPS	100
PTEK	19
SGRI	204
SKSP	54
YPGS	69
YPKA	70
IPP Total	783
Total Gas	1,193
Total Gas Required :	1,293
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PDPS	27
PGPS	14
PKLG	39
PTEK	9
SRDG	11
Total	99

Generation Mix

Type	MWh	Percentage
ST-Coal	49,680.00	15.61 %
Gas	56,544.00	17.77 %
Hydro	16,024.00	5.04 %
Distillate	2,618.00	0.82 %
Total TNB	124,866.0	39.24 %
ST-Coal	78,591.0	24.70 %
ST-Gas	2,240.0	0.70 %
ST-Oil	3,825.0	1.20 %
Gas	97,740.0	30.72 %
Distillate	3,233.0	1.02 %
Total IPP	185,629.0	58.34 %
Co-Gen	2,041.0	0.64 %
Total Co-Gen	2,041.0	0.64 %
Total Generation	312,536.0	98.23 %
PLTG	-4,962.0	-1.56 %
HVDC	-679.0	-0.21 %
Interconnection	-5,641.0	-1.77 %
Net Energy	318,177.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	375
Hydro	240
Syncon	306
Thermal	31
Total	951

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 36

Daily MW Generation On Tuesday
07-May-2013

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		148	131	234	101	132	76	128	91	122	90	99	211	95	173	183	132	174	129	92	235	185	282	260	287	356	177	235	133	203	272	307	349	355	440	373	399	334	278	224	145	307	233	271	233	236	152	162	146
S.Reserve Total		1111	1228	1750	1889	2094	2064	2446	2393	2593	2571	2612	2526	2270	2061	2082	2310	2448	1469	1265	1122	1041	1105	1059	1010	1181	1091	1299	1249	1232	874	1022	1050	1024	1173	1250	1290	1449	1560	1606	965	1117	1053	1162	1103	1090	1080	1202	1508