

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,690 MW
Hydro	1,815 MW
Distillate	420 MW
Total TNB	8,065 MW
Total IPP	10,057 MW
Total Co-Gen	69 MW
System Total	18,191 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,760 MW
IPP Generation	8,790 MW
Total Set On Bus	16,455 MW
Maximum Demand	15,883 MW
Spinning Reserve	836 MW
Net Energy	331,446 MWH
Load Factor	86.9 %

Maximum Demand Record

Date :	16/04/2013	16,356.0MW
Date :	16/04/2013	338,800.0MWH

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	13228	12667	12247	11754	11390	11386	11595	11657	12097	14005	14603	15467	15532	14901	15290	15843	15883	15421	14238	14081	15012	14878	14345	14184

Gas Usage

Station	(mmscfd)
CBPS	59
GLGR	58
PAKA	189
PGGS	1
PGPS	11
SRDG	53
TJGS	109
TNB Total	480
KLPP	106
PDPS	41
PGLA	60
PKLG	28
PLPS	114
PTEK	22
SGB3	1
SGRI	206
SKSP	39
YPGS	69
YPKA	69
IPP Total	755
Total Gas	1,235

Total Gas Required : 1,386
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
CBPS	6
KLPP	9
PDPS	10
PGLA	26
PGPS	29
PKLG	63
PTEK	8
Total	151

Generation Mix

Type	MWh	Percentage
ST-Coal	49,431.00	14.91 %
Gas	58,611.00	17.68 %
Hydro	22,704.00	6.85 %
Distillate	4,290.00	1.29 %
Total TNB	135,036.0	40.74 %
ST-Coal	81,572.0	24.61 %
ST-Oil	6,206.0	1.87 %
Gas	94,652.0	28.56 %
Distillate	6,239.0	1.88 %
Total IPP	188,669.0	56.92 %
Co-Gen	1,902.0	0.57 %
Total Co-Gen	1,902.0	0.57 %
Total Generation	325,607.0	98.24 %
PLTG	-5,142.0	-1.55 %
HVDC	-697.0	-0.21 %
Interconnection	-5,839.0	-1.76 %
Net Energy	331,446.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	525
Hydro	208
Syncon	110
Thermal	34
Total	877

Weather Temperature

Weather	Temperature
Morning	Cloudy 25
Afternoon	Hot 34

Daily MW Generation On Friday
10-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		244	121	205	227	171	93	131	270	127	123	125	121	107	155	126	121	124	178	115	190	299	341	244	339	228	315	224	158	228	333	151	298	229	269	379	480	347	273	301	244	238	266	244	184	49	74	232	232
S.Reserve Total		1637	1185	1083	1221	1539	1664	1818	1829	2229	2324	2328	2283	2126	1719	1837	1941	2007	1633	986	949	969	1047	931	1026	955	1286	1538	1383	1228	1062	1009	1005	836	968	1247	1484	2005	1922	1915	1073	1029	1201	956	983	803	1076	992	1114