

Availability At Daily Maximum Demand Hour

ST-Coal	1,260	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,755	MW
Hydro	1,819	MW
Distillate	0	MW
Total TNB	6,904	MW
Total IPP	8,451	MW
Total Co-Gen	77	MW
System Total	15,432	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	6,124	MW
IPP Generation	8,145	MW
Total Set On Bus	15,348	MW
Maximum Demand	14,700	MW
Spinning Reserve	1,002	MW
Net Energy	308,497	MWH
Load Factor	87.4	%
Total Cost	66,329,412	RM
Cost per Unit	23.39	cents/kWH

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12147	11485	11137	10791	10528	10597	10924	11034	11510	12980	13654	14283	14243	13930	14447	14504	14700	14372	13253	13106	14252	13927	13426	12957

Gas Usage

Station	(mmscfd)
CBPS	93
GLGR	65
PAKA	168
PGGS	13
PGPS	38
SRDG	87
TJGS	132
TNB Total	596
KLPP	124
MPSS	65
PDPS	52
PGLA	120
PLPS	114
PTEK	59
SGB3	95
SGRI	226
SKSP	55
YPGS	70
YPKA	91
IPP Total	1,070
Total Gas	1,667
Total Gas Required :	1,776
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	16
PKLG	69
SGB3	20
SGRI	6
Total	110

Generation Mix

Type	MWh	Percentage
ST-Coal	30,459.00	9.87 %
Gas	69,294.00	22.46 %
Hydro	22,193.00	7.19 %
Distillate	1,700.00	0.55 %
Total TNB	123,646.0	40.08 %
ST-Coal	35,378.0	11.47 %
ST-Oil	6,770.0	2.19 %
Gas	135,012.0	43.76 %
Distillate	3,152.0	1.02 %
Total IPP	180,312.0	58.45 %
Co-Gen	1,837.0	0.60 %
Total Co-Gen	1,837.0	0.60 %
Total Generation	305,795.0	99.12 %
PLTG	-186.0	-0.06 %
HVDC	-2,516.0	-0.82 %
Interconnection	-2,702.0	-0.88 %
Net Energy	308,497.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	592
Hydro	296
Syncon	77
Thermal	32
Total	997

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33

Daily MW Generation On Wednesday
22-Jan-2014

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 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	151	237	539	625	625	625	625	625	625	625	474	323	625	625	625	625	474	0	0	0	0	0	0	0	0
Hydro	355	332	248	75	99	116	89	74	84	96	85	88	205	193	107	113	100	275	291	299	403	301	326	279	240
S.Reserve Total	1006	907	1110	1083	1272	1358	1620	1562	1872	1877	1810	1728	1464	1205	1318	1456	1540	1688	1408	1683	1282	1069	1096	986	1064