

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,691 MW
Hydro	1,833 MW
Distillate	0 MW
Total TNB	7,734 MW
Total IPP	9,999 MW
Total Co-Gen	58 MW
System Total	18,071 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30	
TNB Generation	4,702 MW
IPP Generation	8,100 MW
Total Set On Bus	13,734 MW
Maximum Demand	12,833 MW
Spinning Reserve	874 MW
Net Energy	277,983 MWH
Load Factor	90.3 %

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	11883	11279	10855	10444	10196	10074	10037	10014	9991	11252	12073	12606	12647	12227	12480	12360	12369	12043	11810	12184	12787	12661	12195	11708

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	56
PGPS	52
TJGS	158
TNB Total	313
KLPP	66
MPSS	58
PGLA	107
PLPS	116
SGB3	56
SGRI	73
SKSP	53
YPKA	138
IPP Total	666
Total Gas	980
Total Gas Required :	980
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,782.00	17.55 %
Gas	41,582.00	14.96 %
Hydro	7,688.00	2.77 %
Total TNB	98,052.0	35.27 %
ST-Coal	92,188.0	33.16 %
Gas	86,809.0	31.23 %
Total IPP	178,997.0	64.39 %
Co-Gen	1,583.0	0.57 %
Total Co-Gen	1,583.0	0.57 %
Total Generation	278,632.0	100.23 %
PLTG	-75.0	-0.03 %
HVDC	724.0	0.26 %
Interconnection	649.0	0.23 %
Net Energy	277,983.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	222
Hydro	141
Syncon	520
Thermal	-2
Total	882

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Hot 32

Daily MW Generation On Saturday

22-Dec-2012

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		99	107	96	225	101	98	123	236	105	54	56	184	190	54	63	63	72	184	55	110	237	103	224	184	186	166	106	98	98	284	189	112	121	126	122	109	117	117	103	272	357	211	248	121	123	97	220	130
S.Reserve Total		1472	1738	2030	1914	2306	2282	2516	2675	2720	2531	2600	2560	2583	2486	2510	2538	2482	2040	1461	1457	1251	1028	1094	982	1027	1046	1151	1088	1018	983	1073	1030	1039	1187	1356	1351	1543	1493	1169	874	910	1070	1086	1129	1133	1123	931	1073