

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,401 MW
Hydro	1,694 MW
Distillate	0 MW
Total TNB	7,625 MW
Total IPP	11,622 MW
Total Co-Gen	43 MW
System Total	19,290 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

TNB Generation	4,516 MW
IPP Generation	8,389 MW
Total Set On Bus	13,823 MW
Maximum Demand	12,960 MW
Spinning Reserve	875 MW
Net Energy	285,455 MWH
Load Factor	91.8 %

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	12567	11673	11417	10928	10838	10917	10637	10427	10044	11173	11977	12637	12580	12323	12641	12780	12670	12461	12094	11993	12658	12960	12771	12319

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	56
PGPS	50
TJGS	219
TNB Total	382
KLPP	102
MPSS	59
PGLA	93
PLPS	116
SGB3	83
SGRI	24
SKSP	55
YPKA	104
IPP Total	636
Total Gas	1,018
Total Gas Required :	1,018
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,956.00	11.55 %
Gas	52,253.00	18.31 %
Hydro	9,466.00	3.32 %
Total TNB	94,675.0	33.17 %
ST-Coal	107,839.0	37.78 %
ST-Gas	101.0	0.04 %
Gas	82,638.0	28.95 %
Total IPP	190,578.0	66.76 %
Co-Gen	1,261.0	0.44 %
Total Co-Gen	1,261.0	0.44 %
Total Generation	286,514.0	100.37 %
PLTG	329.0	0.12 %
HVDC	730.0	0.26 %
Interconnection	1,059.0	0.37 %
Net Energy	285,455.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	159
Hydro	176
Syncon	424
Thermal	27
Total	785

Weather Temperature

Time	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	34

Daily MW Generation On Saturday

21-Jul-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																								
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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Syncon		640	640	640	640	640	489	640	640	640	489	640	640	640	640	489	640	640	388	539	539	539	539	640	489	640	539	539	539	539	539	539	539	388	539	539	388	539	453	453	453	453	539	539	388				
Hydro		116	136	133	117	133	128	253	127	128	111	130	223	124	126	131	119	126	114	243	127	120	134	82	190	204	81	210	197	229	216	178	219	218	242	168	187	319	126	163	329	292	365	319	406	319	216	161	278
S.Reserve Total		1251	1258	1233	1413	1479	1636	1741	1770	1680	1655	1588	1752	1890	1947	2047	2425	2480	1935	1426	1240	898	859	885	866	964	928	990	1033	1006	908	898	1044	1001	1026	965	987	1066	1156	1211	1053	938	937	875	1059	868	845	947	879