

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	145 MW
ST-Oil	0 MW
Gas	3,331 MW
Hydro	1,807 MW
Distillate	0 MW
Total TNB	7,263 MW
Total IPP	11,724 MW
Total Co-Gen	85 MW
System Total	19,072 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,753 MW
IPP Generation	8,102 MW
Total Set On Bus	13,788 MW
Maximum Demand	12,991 MW
Spinning Reserve	848 MW
Net Energy	278,501 MWH
Load Factor	89.3 %

Maximum Demand Record

Date :	16/05/2012	15,723.0 MW
Date :	16/05/2012	325,227.0 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	12446	12064	11773	11172	10952	10740	10654	10173	9881	10462	11249	11763	11759	11893	11940	11988	11959	11545	11313	11446	12772	12950	12769	12395

Gas Usage

Station	(mmscfd)
GLGR	33
PAKA	84
PGPS	49
TJGS	107
TNB Total	273
KLPP	91
MPSS	12
PGLA	115
PKLG	39
PLPS	109
SGB3	52
SKSP	54
YPGS	31
YPKA	95

IPP Total 597

Total Gas 870

Total Gas Required : 872

Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	2
Total	2

Generation Mix

Type	MWh	Percentage
ST-Coal	47,305.00	16.99 %
Gas	34,797.00	12.49 %
Hydro	17,155.00	6.16 %
Total TNB	99,257.0	35.64 %
ST-Coal	98,955.0	35.53 %
ST-Gas	3,701.0	1.33 %
ST-Oil	160.0	0.06 %
Gas	73,646.0	26.44 %
Total IPP	176,462.0	63.36 %
Co-Gen	2,130.0	0.76 %
Total Co-Gen	2,130.0	0.76 %
Total Generation	277,849.0	99.77 %
PLTG	48.0	0.02 %
HVDC	-700.0	-0.25 %
Interconnection	-652.0	-0.23 %
Net Energy	278,501.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	160
Hydro	161
Syncon	416
Thermal	75
Total	813

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Daily MW Generation On Sunday

20-May-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 ST-Gas		0	0	0	0	29	29	29	29	26	29	29	29	29	29	29	29	29	29	29	29	29	29	18	122	29	29	29	29																				
SRev ST-Oil		29	29	29	29	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 CCGT-Gas		307	419	331	222	307	363	594	723	955	1155	1173	1175	1186	1209	1315	1427	1334	1225	1163	778	593	313	218	112	123	101	187	181	173	179	190	196	264	288	452	723	726	931	944	337	205	242	217	260	194	272	379	398
SRev OCGT-Gas		47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	9	9	10	13	13	12	12	12	13	11	11	12	11	9	9	10	8	8	8	7	7	7	7	7	7	28
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	0	0
Syncon		539	539	539	388	388	539	539	539	539	539	388	539	539	388	726	726	726	726	625	539	539	539	539	625	625	625	539	539	539	625	625	474	575	726	726	726	726	474	151	453	453	453	453	302	539	625		
Hydro		162	80	48	274	268	179	206	179	259	164	114	249	125	188	315	535	113	63	79	66	70	324	123	174	352	107	202	186	251	249	348	197	228	467	299	133	179	189	143	262	442	59	95	112	102	250	175	119
S.Reserve Total		1150	1138	1009	971	1048	1167	1430	1534	1838	1950	1979	1959	1998	2092	2338	2733	2633	2396	2096	1674	1438	1271	980	922	1104	934	1110	1100	1058	1073	1178	1119	1210	1337	1529	1788	1841	1887	2020	1280	901	848	843	1020	853	933	1190	1266