

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,041	MW
Hydro	1,539	MW
Distillate	0	MW
Total TNB	6,960	MW
Total IPP	11,941	MW
Total Co-Gen	70	MW
System Total	18,971	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,098	MW
IPP Generation	9,006	MW
Total Set On Bus	14,038	MW
Maximum Demand	13,077	MW
Spinning Reserve	864	MW
Net Energy	280,150	MWH
Load Factor	89.3	%

Maximum Demand Record

Date :	16/05/2012	15,723.0 MW
Date :	13/06/2012	328,126.0 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	12776	12514	11826	11436	11069	11018	10778	10537	9850	10553	11047	11515	11650	11585	12019	12015	11991	11684	11328	11727	12887	13016	13004	13019

Gas Usage

Station	(mmscfd)
GLGR	1
PAKA	7
PGPS	49
SRDG	6
TJGS	188
TNB Total	251
KLPP	80
MPSS	58
PGLA	93
PLPS	115
SGB3	46
SKSP	54
YPGS	30
YPKA	94
IPP Total	569
Total Gas	819

Total Gas Required : 886
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	65
TJGS	2
Total	67

Generation Mix

Type	MWh	Percentage
ST-Coal	33,029.00	11.79 %
Gas	35,180.00	12.56 %
Hydro	11,765.00	4.20 %
Distillate	260.00	0.09 %
Total TNB	80,234.0	28.64 %
ST-Coal	117,960.0	42.11 %
ST-Oil	6,385.0	2.28 %
Gas	74,113.0	26.45 %
Total IPP	198,458.0	70.84 %
Co-Gen	1,833.0	0.65 %
Total Co-Gen	1,833.0	0.65 %
Total Generation	280,525.0	100.13 %
PLTG	-64.0	-0.02 %
EGAT	1,141.0	0.41 %
HVDC	-702.0	-0.25 %
Interconnection	375.0	0.13 %
Net Energy	280,150.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	235
Hydro	135
Syncon	456
Thermal	16
Total	842

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 32

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																									
System Total		12776	12492	12514	12017	11826	11750	11436	11404	11069	11043	11018	10932	10778	10744	10537	10051	9850	10190	10553	10769	11047	11386	11515	11845	11650	11661	11585	11790	12019	11969	12015	11876	11991	11993	11684	11656	11328	11484	11727	12558	12887	13077	13016	12955	13004	12992	13019	12628	
SRev ST-Coal		44	23	18	38	26	-47	18	10	13	14	16	4	4	12	0	177	192	199	179	183	68	12	7	13	11	15	8	10	29	20	28	17	22	17	12	15	36	16	14	12	18	14	37	21	21	14	39	16	
SRev ST-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	0	0	0	0	0	0
SRev ST-Oil		0	6	28	28	-25	-67	-1	-1	0	0	0	0	0	0	0	28	28	28	28	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	3	3	3	2	2	5	5	5	5	6	6	8	6	
SRev CCGT-Gas		377	488	400	800	839	685	589	484	388	471	516	709	766	759	791	1239	1241	1094	740	751	631	419	393	273	372	561	550	563	215	288	136	276	173	179	310	686	884	907	804	147	121	116	103	122	84	197	192	242	
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	0	0	0	0	0	0
SRev Distillate		324	219	170	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
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	0
Syncon		388	388	388	388	474	474	474	474	625	625	625	625	625	474	625	625	625	323	474	474	474	388	539	539	539	539	539	625	625	474	625	625	625	474	625	625	625	625	474	474	625	474	625	474	625	474	625	625	
Hydro		119	215	231	280	265	170	104	105	100	77	61	39	94	201	157	35	130	103	62	58	36	87	150	126	152	31	112	117	114	231	177	97	103	252	135	84	165	244	310	264	135	183	71	303	180	233	152	135	
S.Reserve Total		1252	1339	1235	1534	1579	1215	1184	1072	1126	1187	1218	1377	1489	1446	1573	2104	2216	1747	1483	1467	1209	991	1174	1036	1160	1232	1294	1315	983	1013	967	1016	923	922	1083	1413	1713	1795	1604	899	945	864	917	1002	995	938	1021	990	