

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	4,406 MW
Hydro	1,865 MW
Distillate	0 MW
Total TNB	8,411 MW
Total IPP	11,534 MW
Total Co-Gen	78 MW
System Total	20,583 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00

TNB Generation	6,125 MW
IPP Generation	9,182 MW
Total Set On Bus	16,507 MW
Maximum Demand	15,357 MW
Spinning Reserve	1,122 MW
Net Energy	320,830 MWH
Load Factor	87.0 %

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	12948	12250	11745	11329	11172	11014	11216	11178	11504	13165	14078	14830	14729	14445	15184	15357	15282	15018	13809	13497	14530	14465	13942	13630

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	57
PAKA	93
PGPS	52
SRDG	12
TJGS	207
TNB Total	479
KLPP	104
MPSS	55
PGLA	87
PLPS	106
SGB3	85
SGRI	71
SKSP	52
YPGS	35
YPKA	134
IPP Total	728
Total Gas	1,207

Total Gas Required : 1,207
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,663.00	15.48 %
Gas	62,861.00	19.59 %
Hydro	9,088.00	2.83 %
Total TNB	121,612.0	37.91 %
ST-Coal	103,471.0	32.25 %
Gas	94,350.0	29.41 %
Total IPP	197,821.0	61.66 %
Co-Gen	2,128.0	0.66 %
Total Co-Gen	2,128.0	0.66 %
Total Generation	321,561.0	100.23 %
PLTG	7.0	0.00 %
HVDC	724.0	0.23 %
Interconnection	731.0	0.23 %
Net Energy	320,830.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	301
Hydro	202
Syncon	455
Thermal	16
Total	974

Weather Temperature

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	36

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																										
TIE-PLTG		18	34	-40	65	-19	79	74	48	-28	-40	-16	-3	-72	2	70	-7	-21	-45	-158	-15	48	4	24	-18	-1	-21	46	13	-69	30	-3	-32	-24	11	51	-83	-31	-149	-35	-80	-22	-11	-41	9	-41	-7	-45	-43		
Interconnection		48	64	-10	95	11	109	104	78	2	-11	13	27	-42	32	100	23	9	-15	-128	15	78	27	55	12	29	9	76	44	-38	61	28	-2	6	41	81	-52	0	-118	-4	-50	8	19	-11	39	-11	23	-15	-13		
System Total		12948	12613	12250	12042	11745	11517	11329	11210	11172	11054	11014	11062	11216	11375	11178	11245	11504	12565	13165	13747	14078	14453	14830	14961	14729	14577	14445	14635	15184	15258	15357	15354	15282	15244	15017	14353	13809	13503	13497	13994	14530	14469	14465	14237	13942	13810	13630	13302		
SRev ST-Coal		65	18	8	23	56	116	115	114	346	340	335	342	362	238	240	250	110	35	19	21	0	15	21	29	7	11	1	5	1	18	36	20	36	16	23	28	14	1	21	10	23	21	28	17	10	25	119	119		
SRev ST-Oil		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	0
SRev CCGT-Gas		762	1098	1581	1668	1973	1959	2108	2254	2169	2293	2301	2259	2179	2048	2133	2155	2123	1431	1149	626	417	292	140	158	275	186	202	213	187	275	297	232	243	215	291	503	713	1018	888	569	202	258	269	199	551	428	536	516		
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	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	0
Syncon		726	726	726	726	726	726	726	575	726	726	726	726	575	726	575	726	726	575	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424		
Hydro		68	99	65	67	110	116	119	118	233	103	105	85	62	237	117	243	105	103	79	213	175	132	173	209	324	182	245	471	258	281	248	376	408	364	315	248	104	99	102	228	189	184	198	154	158	151	148	144		
S.Reserve Total		1621	1941	2380	2484	2865	2917	3068	3212	3323	3462	3467	3412	3329	3098	3216	3223	3064	2295	1973	1435	1318	1165	909	820	1030	803	872	1113	976	1088	1122	1057	1122	1026	1060	1413	1557	1844	1737	1533	989	1036	1070	945	1294	1179	1378	1354		