

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,261	MW
Hydro	1,869	MW
Distillate	0	MW
Total TNB	8,260	MW
Total IPP	10,606	MW
Total Co-Gen	76	MW
System Total	18,942	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,631	MW
IPP Generation	8,777	MW
Total Set On Bus	15,312	MW
Maximum Demand	14,481	MW
Spinning Reserve	828	MW
Net Energy	305,166	MWH
Load Factor	87.8	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	12512	11848	11304	10939	10868	10512	10735	11013	11060	12517	13135	13804	13905	13474	13707	14275	14481	14144	13082	12748	13875	13503	12936	12762

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	57
PGGS	2
PGPS	34
SRDG	1
TJGS	139
TNB Total	282
KLPP	4
MPSS	51
PGLA	86
PLPS	89
SGB3	68
SGRI	70
SKSP	38
YPGS	34
YPKA	135
IPP Total	574
Total Gas	856

Total Gas Required : 998
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	135
SGB3	6
Total	141

Generation Mix

Type	MWh	Percentage
ST-Coal	49,290.00	16.15 %
Gas	37,206.00	12.19 %
Hydro	30,408.00	9.96 %
Total TNB	116,904.0	38.31 %
ST-Coal	97,388.0	31.91 %
ST-Gas	278.0	0.09 %
ST-Oil	13,313.0	4.36 %
Gas	74,824.0	24.52 %
Distillate	776.0	0.25 %
Total IPP	186,579.0	61.14 %
Co-Gen	2,139.0	0.70 %
Total Co-Gen	2,139.0	0.70 %
Total Generation	305,622.0	100.15 %
PLTG	-264.0	-0.09 %
HVDC	720.0	0.24 %
Interconnection	456.0	0.15 %
Net Energy	305,166.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	689
Hydro	234
Syncon	76
Thermal	33
Total	1031

Weather Temperature

Weather	Temperature
Morning	Sunny 28
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					
PCUF	CUFK	33	33	36	35	34	30	33	31	34	35	34	33	35	34	34	34	35	33	32	31	31	30	32	28	27	29	29	29	29	28	28	28	28	30	29	29	28	28	31	35	32	31	32	29	32	30	32				
Total Co-Gen		85	84	88	87	87	81	86	82	86	87	85	85	87	86	86	83	86	86	82	81	80	81	84	78	78	79	79	80	78	76	78	76	76	78	80	79	80	78	78	81	86	84	81	81	80	82	81	87			
Total Gen		12464	12066	11794	11581	11304	11080	10954	10842	10817	10662	10540	10562	10760	10941	10942	10769	11038	12006	12581	13011	13221	13616	13901	14031	14011	13582	13507	13507	13746	14024	14288	14260	14484	14534	14223	13779	13148	12868	12811	13712	13885	13864	13554	13445	13043	13104	12805	12629			
TIE-EGAT		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			
TIE-HVDC		29	29	31	31	29	31	31	31	31	29	29	29	31	31	30	30	29	29	31	31	30	31	30	30	30	31	29	29	29	31	29	29	30	30	30	30	30	30	30	31	29	31	29	29	29	30					
TIE-PLTG		-77	-48	-85	33	-29	-17	-16	-22	-82	68	-3	-91	-4	-34	-102	-15	-52	38	35	79	55	-25	67	-32	76	-89	3	-103	8	-72	-16	-66	-28	27	50	12	36	35	33	37	-20	-86	22	-5	78	39	14	13			
Interconnection		-48	-19	-54	64	0	14	15	9	-51	99	28	-62	25	-5	-71	16	-22	68	64	108	86	6	97	-1	106	-59	33	-73	39	-43	13	-37	3	56	79	42	66	65	63	67	10	-55	51	26	107	68	43	43			
System Total		12512	12085	11848	11517	11304	11066	10939	10833	10868	10563	10512	10624	10735	10946	11013	10753	11060	11938	12517	12903	13135	13610	13804	14032	13905	13641	13474	13580	13707	14067	14275	14297	14481	14478	14144	13737	13082	12803	12748	13645	13875	13919	13503	13419	12936	13056	12762	12586			
SRev ST-Coal		57	53	40	52	64	34	40	40	139	172	248	231	147	155	127	55	60	60	54	54	43	43	43	36	35	44	44	41	36	44	36	34	58	44	38	40	39	23	48	29	16	46	63	46	33	17	21	87			
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	0	
SRev ST-Oil		-4	-4	-4	-4	-4	-4	-4	-3	-3	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-5	-5	-6	-6	56	56	56	-4	-4	-4	-4	-2	-2	-4	-6	-6	-6	-6	-5	-5	-6	-6	-5	-5	-6	-6	-7			
SRev CCGT-Gas		951	1266	1051	949	1080	1107	1234	1365	1364	1375	1372	1370	1378	1376	1379	1372	1360	1718	1337	1223	1281	1040	664	669	562	1031	1234	1181	783	711	580	621	643	669	737	890	1190	1354	1354	683	555	692	724	644	676	695	695	701			
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 Distillate		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	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		0	86	86	388	388	388	388	388	388	474	474	151	86	237	388	302	151	151	151	151	151	151	151	151	151	151	151	0	0	151	151	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151	151	453	453	
Hydro		241	291	235	235	84	155	153	129	60	173	134	131	334	211	84	182	159	349	357	390	372	215	309	176	304	158	175	265	320	104	51	219	101	145	189	242	455	399	454	404	375	291	418	334	390	329	276	237			
S.Reserve Total		1245	1692	1408	1620	1612	1680	1811	1919	1948	2104	2224	2202	2006	1824	1823	1993	1877	2274	1895	1814	1843	1449	1167	1031	1051	1445	1514	1548	1291	1011	857	883	828	928	1111	1188	1700	1793	1890	1162	1024	1028	1204	1024	1250	1191	1444	1476			