

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,158 MW
Hydro	1,510 MW
Distillate	970 MW
Total TNB	7,158 MW
Total IPP	11,672 MW
Total Co-Gen	71 MW
System Total	18,901 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,176 MW
IPP Generation	10,025 MW
Total Set On Bus	16,344 MW
Maximum Demand	15,358 MW
Spinning Reserve	1,072 MW
Net Energy	319,078 MWH
Load Factor	86.6 %

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	12604	12022	11565	11295	10895	10690	11147	11198	11526	13260	14230	14861	14819	14559	15077	15320	15328	14862	13776	13737	14587	14437	13916	13310

Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	60
PAKA	128
SRDG	6
TJGS	105
TNB Total	349
KLPP	43
MPSS	54
PGLA	49
PLPS	98
SGB3	38
SGRI	87
SKSP	39
YPGS	34
YPKA	131
IPP Total	574
Total Gas	923

Alternate Fuel Usage

Station	(mmscfd)
KLPP	48
PGPS	53
PKLG	114
SGB3	45
SGRI	35
TJGS	110
Total	405

Generation Mix

Type	MWh	Percentage
ST-Coal	33,102.00	10.37 %
ST-Oil	1,176.00	0.37 %
Gas	44,784.00	14.04 %
Hydro	11,606.00	3.64 %
Distillate	20,802.00	6.52 %
Total TNB	111,470.0	34.94 %
ST-Coal	104,490.0	32.75 %
ST-Oil	11,201.0	3.51 %
Gas	74,191.0	23.25 %
Distillate	15,992.0	5.01 %
Total IPP	205,874.0	64.52 %
Co-Gen	2,029.0	0.64 %
Total Co-Gen	2,029.0	0.64 %
Total Generation	319,373.0	100.09 %
PLTG	295.0	0.09 %
Interconnection	295.0	0.09 %
Net Energy	319,078.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	444
Hydro	130
Syncon	415
Thermal	8
Total	996

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Daily MW Generation On Tuesday

02-Oct-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	
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT2A	228	228	228	228	229	228	228	228	227	171	250	227	227	228	175	171	229	227	227	229	229	228	229	229	229
TJGS	GT2B	224	224	223	223	223	224	224	224	221	223	167	225	222	222	222	171	168	224	224	224	224	224	224	223	223
TJGS	ST2C	245	245	245	245	245	245	245	246	245	215	242	246	246	244	206	212	243	244	246	245	242	242	244	244	243
Total Distillate		828	833	832	822	822	821	821	818	820	683	826	822	822	819	678	852	1226	1323	1590	1706	1708	1705	1706	1706	
PCUF	CUFG	45	46	46	45	45	46	47	44	46	44	45	46	45	47	44	45	48	46	46	45	44	45	46	45	
PCUF	CUFK	35	34	34	34	35	34	36	34	32	33	33	34	35	34	34	34	35	34	33	31	31	26	26	26	
Total Co-Gen		80	80	80	79	80	80	83	78	78	77	78	80	80	81	78	79	82	81	80	78	75	77	71	71	
Total Gen		12674	12184	12003	11745	11592	11314	11291	11154	10939	10934	10690	10711	11082	11291	11255	11218	11661	12701	13323	13900	14186	14621	14791	14959	
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	
TIE-HVDC		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-PLTG		70	-62	-19	-33	27	-50	-4	29	44	50	-81	-126	-65	-54	57	62	135	63	63	51	-44	-34	-70	-2	
Interconnection		70	-62	-19	-33	27	-50	-4	29	44	50	-81	-126	-65	-54	57	62	135	63	63	51	-44	-34	-70	-2	
System Total		12604	12246	12022	11778	11565	11364	11295	11125	10895	10884	10690	10837	11147	11345	11198	11156	11526	12638	13260	13849	14230	14655	14861	14961	
SRev ST-Coal		128	16	16	78	84	78	21	-86	-121	-126	-7	3	6	6	41	24	15	-6	-61	-10	11	2	11	-4	
SRev ST-Oil		40	12	33	33	33	32	26	11	9	13	20	18	8	29	30	16	38	19	12	13	17	17	16	16	
SRev CCGT-Gas		426	807	319	456	573	559	558	644	839	915	1188	1284	1050	963	1267	1669	1165	1022	619	414	524	498	411	419	
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	
SRev Distillate		7	2	3	13	13	14	14	14	17	15	152	9	13	13	16	157	263	164	327	200	84	82	45	44	
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	
Syncon		453	453	453	453	302	453	302	453	453	453	453	453	453	453	453	453	453	453	302	453	453	453	453	453	
Hydro		216	124	111	80	212	63	260	106	160	274	77	50	56	55	94	150	179	251	110	237	98	82	127	169	
S.Reserve Total		1355	1499	1020	1178	1302	1284	1266	1327	1542	1578	2068	2002	1771	1704	2086	2654	2298	1988	1545	1241	1272	1219	1063	1127	