

Availability At Daily Maximum Demand Hour

ST-Coal	1,290	MW
ST-Gas	80	MW
ST-Oil	80	MW
Gas	3,621	MW
Hydro	1,536	MW
Distillate	710	MW
Total TNB	7,317	MW
Total IPP	10,496	MW
Total Co-Gen	51	MW
System Total	17,864	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,790	MW
IPP Generation	8,953	MW
Total Set On Bus	15,759	MW
Maximum Demand	14,843	MW
Spinning Reserve	965	MW
Net Energy	301,119	MWH
Load Factor	84.5	%

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	11426	10740	10327	9978	9914	9811	10139	10322	10829	12848	13614	14304	14326	14061	14475	14673	14674	14230	13308	13104	13800	13609	13030	12597

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	59
PAKA	91
PGPS	49
SRDG	33
TJGS	109
TNB Total	389
KLPP	3
MPSS	34
PGLA	52
PKLG	2
PLPS	76
SGB3	47
SGRI	80
SKSP	55
YPGS	33
YPKA	126
IPP Total	509
Total Gas	898
Total Gas Required :	1,257
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
MPSS	12
PGLA	35
PKLG	125
PLPS	25
SGB3	41
SGRI	48
TJGS	73
Total	360

Generation Mix

Type	MWh	Percentage
ST-Coal	30,657.00	10.18 %
Gas	46,784.00	15.54 %
Hydro	22,025.00	7.31 %
Distillate	10,985.00	3.65 %
Total TNB	110,451.0	36.68 %
ST-Coal	90,823.0	30.16 %
ST-Oil	12,287.0	4.08 %
Gas	66,234.0	22.00 %
Distillate	20,229.0	6.72 %
Total IPP	189,573.0	62.96 %
Co-Gen	1,462.0	0.49 %
Total Co-Gen	1,462.0	0.49 %
Total Generation	301,486.0	100.12 %
PLTG	-261.0	-0.09 %
HVDC	628.0	0.21 %
Interconnection	367.0	0.12 %
Net Energy	301,119.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	494
Hydro	116
Syncon	343
Thermal	50
Total	1003

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Hot 35

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																														
MPSS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
PGLA	GT11	0	0	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	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	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	0	0																												
SGRI	GT12	129	129	129	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
SGRI	GT13	0	0	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	GT23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
PLPS	GT11	0	0	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	63	63	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
TJGS	GT2B	18	41	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
TJGS	ST2C	137	56	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
Total Distillate		347	289	336	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
PCUF	CUFG	19	19	20	19	20	19	20	19	20	19	20	19	19	19	21	19	19	19	18	20	18	19	20	18	19	19	20																											
PCUF	CUFK	38	37	36	38	37	37	36	37	37	39	37	38	37	38	37	37	38	32	34	33	32	31	33	32	31	34	40																											
Total Co-Gen		57	56	56	57	57	56	57	55	56	57	59	57	57	58	56	58	56	57	58	56	57	55	55	50	54	51	60																											
Total Gen		11306	11006	10756	10373	10375	10077	10050	9896	9956	9813	9747	10035	10102	10513	10384	10392	10848	11917	12935	13362	13700	14129	14353	14536	14386	14165	14084	14234	14499	14794	14652	14781	14690	14611	14186	13843	13397	13055	13118	13702	13780	13768	13647	13416	13045	13137	12690	12289						
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	0					
TIE-HVDC		-29	-29	-29	29	31	29	29	29	29	29	29	30	30	29	30	30	29	30	30	30	30	31	31	29	29	30	30	31	31	30	30	30	30	31	31	30	30	31	31	30	30	30	30	30	30	30	30							
TIE-PLTG		-91	-35	45	47	17	7	43	38	10	-21	-93	-39	-66	-17	32	-4	-11	-39	57	-17	57	-87	19	-30	31	-55	-7	43	-6	-79	-52	-65	-13	-18	-74	-23	58	-21	-16	13	-50	30	7	-25	-15	60	63	-91						
Interconnection		-120	-64	16	76	48	36	72	67	42	8	-64	-10	-37	12	62	26	19	-10	87	13	86	-58	49	0	60	-26	23	73	24	-49	-21	-34	16	11	-44	7	89	10	14	43	-20	60	38	6	15	90	93	-61						
System Total		11426	11070	10740	10297	10327	10041	9978	9829	9914	9805	9811	10045	10139	10501	10322	10366	10829	11927	12848	13349	13614	14187	14304	14536	14326	14191	14061	14161	14475	14843	14673	14815	14674	14600	14230	13836	13308	13045	13104	13659	13800	13708	13609	13410	13030	13047	12597	12350						
SRev ST-Coal		37	43	54	107	118	132	234	228	231	278	275	236	221	163	159	164	104	49	39	41	42	35	40	43	45	62	51	55	54	82	53	45	53	143	141	55	51	47	49	46	49	53	50	57	44	68	70	58						
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		7	27	56	54	54	54	52	52	56	56	56	56	56	1	-3	-3	-3	-3	-2	-2	-3	-3	-3	-3	-3	-1	51	56	-4	6	6	6	7	7	6	-2	-53	-17	-3	-3	-4	-4	-5	-5	-5	-5	-4	-4	-3					
SRev CCGT-Gas		688	365	547	1020	972	1610	1508	1630	1519	1686	1671	1590	1491	1307	1427	1647	1427	973	1067	647	384	597	313	199	163	506	427	442	402	293	305	323	311	360	289	248	538	1012	937	361	332	270	330	373	745	405	398	726						
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	84	160	97	162	166	163	162	33	72	191	149	193	141	193	68	40	18	10	14	3	0	0	0	0	0	0	0	0	0
SRev Distillate		503	561	514	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185	120	35	126	61	84	48	47	73	69	59	109	113	112	106	100	98	96	95	94	93	131	175	71	65	168	57	65	166	90	201					
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		453	453	453	604	604	604	604	604	539	690	690	302	453	302	604	453	0	302	453	604	302	453	302	302	302	302	302	302	302	302	151	151	151	453	604	604	604	604	604	604	604	604	604	604	604	604	151	453	604					
Hydro		81	209	162	54	192	102	128	165	195	111	33	307	76	200	162	100	105	80	129	34	157	136	179	55	67	142	140	164	108	97	138	192	248	189	133	146	251	147	127	76	145	114	76	162	167	291	267	93						
S.Reserve Total		1769	1658	1786	1941	1940	2502	2526	2679	2540	2821	2725	2491	2297	1973	2349	2598	2086	1737	1655	1359	1159	910	1075	892	1087	1302	1359	1180	1014	965	1107	978	1068	1093	1308	1168	1566	1923	1860	1277	1200	1101	1223	1248	1620	1077	1274	1679						