

Availability At Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	70 MW
ST-Oil	85 MW
Gas	3,786 MW
Hydro	1,666 MW
Distillate	60 MW
Total TNB	6,957 MW
Total IPP	11,328 MW
Total Co-Gen	93 MW
System Total	18,378 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:00	
TNB Generation	4,628 MW
IPP Generation	9,618 MW
Total Set On Bus	15,358 MW
Maximum Demand	14,350 MW
Spinning Reserve	1,014 MW
Net Energy	295,882 MWH
Load Factor	85.9 %

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	11835	11143	10837	10445	10194	10130	10355	10446	11289	12714	13512	14350	14052	13710	13974	14221	14130	13707	12647	12783	13004	12691	12381	11728

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	55
PAKA	133
TJGS	146
TNB Total	381
KLPP	88
MPSS	47
PLPS	112
SGB3	69
SGRI	112
SKSP	46
YPGS	34
YPKA	140
IPP Total	647
Total Gas	1,028

Total Gas Required : 1,134
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	13
PKLG	92
Total	105

Generation Mix

Type	MWh	Percentage
ST-Coal	29,170.00	9.86 %
ST-Oil	1,182.00	0.40 %
Gas	51,416.00	17.38 %
Hydro	12,531.00	4.24 %
Total TNB	94,299.0	31.87 %
ST-Coal	104,935.0	35.47 %
ST-Oil	8,916.0	3.01 %
Gas	86,364.0	29.19 %
Total IPP	200,215.0	67.67 %
Co-Gen	2,324.0	0.79 %
Total Co-Gen	2,324.0	0.79 %
Total Generation	296,838.0	100.32 %
PLTG	231.0	0.08 %
HVDC	725.0	0.25 %
Interconnection	956.0	0.32 %
Net Energy	295,882.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	402
Hydro	111
Syncon	522
Thermal	53
Total	1087

	Weather	Temperature
Morning	Cloudy	24
Afternoon	Cloudy	30

Daily MW Generation On Tuesday

25-Oct-2011

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																												
Total Gen		11907	11449	11210	10937	10878	10676	10514	10316	10243	10246	10153	10200	10419	10487	10527	10569	11290	12208	12827	13428	13533	13942	14344	14292	14090	14089	13751	13866	13993	14302	14265	14191	14164	14014	13750	13151	12693	12464	12875	13054	13019	12836	12728	12587	12383	12156	11775	11729				
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	0	0	
TIE-HVDC		30	30	30	30	30	30	30	31	31	30	30	31	31	30	30	31	31	31	31	31	30	30	30	30	31	31	30	30	29	29	30	30	30	30	30	30	30	30	30	30	31	30	30	30	30	30	30	30	30	30	30	
TIE-PLTG		42	-7	37	-38	11	34	39	41	18	25	-7	-63	33	-84	51	-80	-30	62	82	8	-9	16	-36	-4	7	23	11	8	-11	-40	13	55	4	27	14	-29	16	23	62	1	-16	25	7	-54	-28	-55	17	-9				
Interconnection		72	23	67	-8	41	64	69	71	49	56	23	-33	64	-53	81	-50	1	93	113	39	21	46	-6	26	38	54	41	38	19	-10	44	86	34	57	43	0	46	53	92	31	15	55	37	-24	2	-25	47	21				
System Total		11835	11426	11143	10945	10837	10612	10445	10245	10194	10190	10130	10233	10355	10540	10446	10619	11289	12115	12714	13389	13512	13896	14350	14266	14052	14035	13710	13828	13974	14312	14221	14105	14130	13957	13707	13151	12647	12411	12783	13023	13004	12781	12691	12611	12381	12181	11728	11708				
SRev ST-Coal		35	20	22	28	24	175	179	252	314	306	397	411	420	417	251	176	40	51	40	27	33	40	30	36	42	30	55	41	34	44	29	36	29	32	37	42	39	20	27	40	31	39	39	94	45	31	112	90				
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	0	
SRev ST-Oil		13	11	63	63	63	61	61	61	61	61	62	62	62	62	61	60	60	60	33	11	12	7	7	7	8	8	8	8	32	28	25	2	3	60	26	25	25	31	27	24	27	27	27	27	27	27	27	27	27	27		
SRev CCGT-Gas		655	1041	897	847	876	892	1021	1138	1148	1155	1156	1138	1126	1091	1117	1048	943	508	680	625	723	459	376	447	538	465	662	634	572	308	390	394	422	562	552	525	561	763	473	313	412	475	484	196	226	404	377	399				
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	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	0
SRev Co-Gen		-7	-6	-7	-8	-4	-3	-8	-6	-6	-5	-6	-4	-5	-4	-8	-5	-5	-7	-9	-8	-6	-7	-5	-4	-7	-7	-8	-6	-5	-5	-7	-6	-6	-5	-5	-4	-6	-4	13	-4	-4	-3	-4	-4	-5	-3	-14	-10				
Syncon		626	626	626	576	575	727	727	727	727	727	727	576	475	475	475	727	727	626	626	625	625	625	625	625	474	625	625	474	625	625	474	474	474	474	626	626	727	727	727	727	727	727	576	727	727	727	576	576	727			
Hydro		275	227	154	214	240	87	119	129	126	126	231	115	89	190	41	90	106	209	56	158	132	-19	36	293	228	263	340	131	41	126	133	133	139	89	188	232	281	123	145	144	314	123	59	134	177	336	98					
S.Reserve Total		1597	1919	1755	1720	1774	1939	2099	2301	2370	2370	2462	2414	2193	2130	2087	2048	1855	1344	1606	1358	1544	1261	1014	1147	1347	1349	1605	1491	1365	1045	1040	1056	1054	1205	1359	1403	1578	1812	1394	1248	1334	1428	1396	1099	1154	1212	1414	1331				