

### Availability At Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,246 MW
Hydro	1,712 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,398 MW</b>
<b>Total IPP</b>	<b>11,130 MW</b>
<b>Total Co-Gen</b>	<b>81 MW</b>
<b>System Total</b>	<b>18,609 MW</b>

### Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30	
TNB Generation	5,391 MW
IPP Generation	9,191 MW
Total Set On Bus	15,559 MW
Maximum Demand	14,682 MW
Spinning Reserve	896 MW
Net Energy	304,114 MWH
Load Factor	86.3 %

### 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	11382	10873	10494	10254	9944	9909	10096	10417	10949	12592	13521	14276	14456	14026	14461	14658	14670	14444	13312	13010	13983	13797	13420	12805

### Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	32
PAKA	82
PGPS	49
SRDG	15
TJGS	210
<b>TNB Total</b>	<b>444</b>
KLPP	3
MPSS	56
PGLA	110
PKLG	44
PLPS	103
SGB3	83
SKSP	54
YPGS	33
YPKA	124
<b>IPP Total</b>	<b>610</b>
<b>Total Gas</b>	<b>1,054</b>

Total Gas Required : 1,054  
Gas Calorific Value : 38,500

### Generation Mix

Type	MWh	Percentage
ST-Coal	30,645.00	10.08 %
Gas	58,154.00	19.12 %
Hydro	16,240.00	5.34 %
<b>Total TNB</b>	<b>105,039.0</b>	<b>34.54 %</b>
ST-Coal	107,643.0	35.40 %
ST-Gas	4,202.0	1.38 %
Gas	84,688.0	27.85 %
<b>Total IPP</b>	<b>196,533.0</b>	<b>64.62 %</b>
Co-Gen	2,156.0	0.71 %
<b>Total Co-Gen</b>	<b>2,156.0</b>	<b>0.71 %</b>
<b>Total Generation</b>	<b>303,728.0</b>	<b>99.87 %</b>
PLTG	225.0	0.07 %
HVDC	-611.0	-0.20 %
<b>Interconnection</b>	<b>-386.0</b>	<b>-0.13 %</b>
<b>Net Energy</b>	<b>304,114.0</b>	<b>100.00 %</b>

### Average SR During Peak Hour

Type	MW
GT	271
Hydro	128
Syncon	412
Thermal	81
<b>Total</b>	<b>891</b>

### Weather Temperature

	Weather	Temperature
Morning	Sunny	26
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	CUFG	50	50	51	52	53	53	52	51	51	51	54	52	52	53	52	51	52	53	54	53	52	53	52	52	52	52	52	54	53	51	50	52	51	51	53	52	51	53	52											
PCUF	CUFK	31	30	31	31	32	30	32	33	31	33	31	30	32	32	30	34	31	30	32	32	32	32	32	32	32	33	31	31	31	31	31	31	32	30	30	30	31	31	31	31	33	32	32	33	33	31	33	32		
Total Co-Gen		81	80	82	83	85	83	84	84	85	82	84	85	82	83	82	87	85	83	84	85	84	84	84	85	84	85	84	82	83	83	82	83	82	81	82	83	85	84	81	81	85	83	83	86	85	82	86	84		
Total Gen		11499	11324	11016	10670	10541	10407	10227	10073	10007	9881	9902	9914	10031	10401	10392	10308	10917	11802	12578	13240	13508	13867	14227	14494	14472	14138	14026	14154	14427	14644	14698	14664	14624	14663	14440	13780	13320	13098	12953	13798	13892	13970	13652	13673	13353	13202	12832	12625		
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			
TIE-HVDC		31	31	30	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29		
TIE-PLTG		86	76	113	68	76	-6	2	-42	93	14	24	-65	-35	-6	5	-41	-3	-142	16	29	16	-72	-19	80	45	85	29	23	-5	81	69	17	-16	11	26	22	38	89	-28	-67	-62	-32	-116	-7	-38	-45	57	21		
Interconnection		117	107	143	39	47	-35	-27	-71	64	-15	-6	-95	-64	-35	-24	-70	-32	-171	-14	-1	-13	-101	-49	51	16	56	0	-6	-34	52	40	-12	-46	-19	-4	-8	8	60	-57	-96	-91	-61	-145	-36	-67	-74	27	-7		
System Total		11382	11217	10873	10631	10494	10442	10254	10144	9943	9896	9908	10009	10095	10436	10416	10378	10949	11973	12592	13241	13521	13968	14276	14443	14456	14082	14026	14160	14461	14592	14658	14676	14670	14682	14444	13788	13312	13038	13010	13894	13983	14031	13797	13709	13420	13276	12805	12632		
SRev ST-Coal		81	62	74	81	95	167	155	168	167	363	366	366	269	211	283	358	250	76	71	57	80	72	61	76	67	77	81	80	68	72	73	79	134	72	119	57	57	49	53	58	43	51	43	66	49	66	47	73		
SRev ST-Gas		16	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
SRev CCGT-Gas		160	187	377	647	771	859	1025	1172	1155	1688	1614	1604	1589	1377	1681	1750	1717	1142	709	533	274	323	379	306	266	328	432	303	131	125	153	126	136	124	215	384	534	601	853	235	207	184	355	295	607	626	836	728		
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		625	625	625	625	625	625	475	626	626	626	626	626	626	626	475	626	625	625	539	453	539	388	388	302	302	453	453	453	453	453	453	453	453	453	453	539	625	625	474	625	474	625	625	625	625	474	474	474		
Hydro		296	156	224	264	235	207	234	210	141	98	81	80	80	91	226	81	88	91	67	61	45	140	113	155	232	288	122	110	35	169	136	187	157	188	427	219	172	255	292	59	270	54	124	99	123	96	229	121		
S.Reserve Total		1178	1058	1328	1645	1754	1886	2067	2053	2117	2803	2715	2704	2592	2333	2693	2843	2708	1962	1414	1132	966	951	979	847	869	1204	1156	1018	758	961	951	986	936	896	1269	1227	1416	1558	1700	1005	1022	942	1175	1113	1432	1290	1614	1424		