

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	4,292	MW
Hydro	1,619	MW
Distillate	60	MW
<b>Total TNB</b>	<b>7,326</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,112</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>79</b>	<b>MW</b>
<b>System Total</b>	<b>18,517</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,107 MW
IPP Generation	7,598 MW
Total Set On Bus	12,651 MW
Maximum Demand	11,799 MW
Spinning Reserve	867 MW
Net Energy	258,391 MWH
Load Factor	91.2 %

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	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	11111	10577	10269	10091	9829	9659	9600	9538	9513	10320	11044	11482	11399	11113	11322	11286	11382	11111	11052	11138	11799	11738	11650	11364

**Gas Usage**

Station	(mmscfd)
CBPS	50
GLGR	49
PAKA	49
PGPS	48
TJGS	125
<b>TNB Total</b>	<b>321</b>
KLPP	72
MPSS	28
PGLA	88
PLPS	114
SGB3	57
SKSP	51
YPGS	34
YPKA	139
<b>IPP Total</b>	<b>583</b>
<b>Total Gas</b>	<b>904</b>

Total Gas Required : 1,001  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	14
PKLG	75
TJGS	8
<b>Total</b>	<b>97</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	27,087.00	10.48 %
ST-Oil	1,281.00	0.50 %
Gas	42,920.00	16.61 %
Hydro	12,065.00	4.67 %
Distillate	1,092.00	0.42 %
<b>Total TNB</b>	<b>84,445.0</b>	<b>32.68 %</b>
ST-Coal	84,366.0	32.65 %
ST-Oil	7,205.0	2.79 %
Gas	79,551.0	30.79 %
<b>Total IPP</b>	<b>171,122.0</b>	<b>66.23 %</b>
Co-Gen	1,952.0	0.76 %
<b>Total Co-Gen</b>	<b>1,952.0</b>	<b>0.76 %</b>
<b>Total Generation</b>	<b>257,519.0</b>	<b>99.66 %</b>
PLTG	-173.0	-0.07 %
HVDC	-699.0	-0.27 %
<b>Interconnection</b>	<b>-872.0</b>	<b>-0.34 %</b>
<b>Net Energy</b>	<b>258,391.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	217
Hydro	94
Syncon	521
Thermal	186
<b>Total</b>	<b>1017</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 31





### Daily MW Generation On Saturday

27-Aug-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																										
PCUF	CUFG	51	51	52	52	50	52	52	51	52	52	52	52	51	51	52	52	51	53	52	50	51	52	52	50	49	51	50	51	51	51	52	53	53	52	51	52	51	51	51	52	53	50	51	52	53	52				
PCUF	CUFK	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	24	22	22	21	22	21	23	25	23	28	28	29	29	30	31	31	30	29				
Total Co-Gen		71	71	72	72	70	72	72	71	72	72	72	71	71	73	72	70	71	72	72	70	69	71	70	72	75	73	74	74	75	73	74	77	74	79	79	81	82	80	82	83	83	81								
Total Gen		11153	10964	10614	10402	10259	9994	10019	9768	9801	9733	9573	9582	9545	9588	9581	9282	9399	9828	10199	10631	11015	11225	11429	11563	11408	11292	11153	11199	11234	11343	11258	11276	11297	11237	11047	11020	10993	11047	11091	11391	11784	11783	11691	11710	11610	11422	11290	11005		
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	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-28				
TIE-PLTG		71	-26	66	-6	19	-9	-42	-18	1	87	-57	-58	-26	-106	72	42	-84	-25	-92	-64	1	44	-24	-7	37	64	70	-76	-59	-19	0	-1	-56	26	-35	12	-30	-25	-18	82	14	72	-17	42	-11	-46	-45	-42		
Interconnection		42	-55	37	-35	-10	-39	-72	-47	-28	58	-86	-87	-55	-135	43	12	-114	-54	-121	-94	-29	15	-53	-35	9	34	40	-105	-88	-49	-28	-29	-85	-3	-64	-17	-59	-54	-47	53	-15	42	-47	13	-40	-75	-74	-70		
System Total		11111	11019	10577	10437	10269	10033	10091	9815	9829	9675	9659	9669	9600	9723	9538	9270	9513	9882	10320	10725	11044	11210	11482	11598	11399	11258	11113	11304	11322	11392	11286	11305	11382	11240	11111	11037	11052	11101	11138	11338	11799	11741	11738	11697	11650	11497	11364	11075		
SRev ST-Coal		48	147	130	208	208	212	218	145	94	91	161	327	326	327	329	386	365	345	306	284	224	210	111	126	127	127	129	207	203	202	196	197	193	199	191	197	203	213	245	133	118	121	116	119	132	123	119	119		
SRev ST-Oil		12	10	12	11	11	109	113	60	60	61	62	63	61	61	61	62	61	72	57	58	60	106	56	56	56	57	57	57	57	57	57	57	57	56	56	57	57	57	57	57	57	56	56	56	57	28	28	28		
SRev CCGT-Gas		687	527	650	525	857	1086	877	915	851	880	819	810	863	814	827	993	909	765	616	617	435	315	226	215	246	302	409	283	239	230	227	223	217	261	493	529	547	504	477	169	88	114	139	137	137	99	101	154		
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		3	4	103	479	266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	474	625	625	625	625	731	731	731	580	731	580	731	625	731	731	580	731	731	731	731	474	625	731	731	580	731	625	731	731	731	731	731	731	731	731	731	580	580	731	474	474	474	625	625	625	625	474		
Hydro		229	216	119	91	124	81	83	81	88	124	58	68	216	69	171	120	70	269	109	150	127	72	10	105	127	79	108	244	105	114	105	88	78	107	74	57	61	194	180	44	130	182	254	76	89	100	99	205		
S.Reserve Total		1604	1378	1639	1939	2091	2113	1916	1932	1824	1887	1680	1999	2046	2002	2013	2291	2137	2020	1834	1839	1575	1388	1184	976	1181	1295	1434	1371	1335	1228	1316	1296	1276	1355	1545	1570	1599	1548	1539	1134	867	947	1039	1013	1040	975	972	980		