

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,021 MW
Hydro	1,833 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,064 MW</b>
<b>Total IPP</b>	<b>10,912 MW</b>
<b>Total Co-Gen</b>	<b>60 MW</b>
<b>System Total</b>	<b>19,036 MW</b>

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

At Daily Maximum Demand Hour : 11:30	
TNB Generation	5,839 MW
IPP Generation	8,669 MW
Total Set On Bus	15,477 MW
Maximum Demand	14,552 MW
Spinning Reserve	909 MW
Net Energy	303,699 MWH
Load Factor	87.0 %

**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	12291	11585	11155	10828	10710	10425	10668	10745	11165	12866	13587	14375	14502	13926	13955	14293	14270	14007	13189	13491	13696	13448	12895	12430

**Gas Usage**

Station	(mmscfd)
CBPS	49
GLGR	58
PAKA	134
SRDG	6
TJGS	207
<b>TNB Total</b>	<b>454</b>
KLPP	88
MPSS	54
PGLA	57
PLPS	95
SGB3	77
SGRI	63
SKSP	55
YPGS	69
YPKA	105
<b>IPP Total</b>	<b>663</b>
<b>Total Gas</b>	<b>1,117</b>

Total Gas Required : 1,154  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	37
<b>Total</b>	<b>37</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,328.00	16.24 %
Gas	60,194.00	19.82 %
Hydro	9,551.00	3.14 %
<b>Total TNB</b>	<b>119,073.0</b>	<b>39.21 %</b>
ST-Coal	93,420.0	30.76 %
ST-Oil	4,599.0	1.51 %
Gas	85,990.0	28.31 %
<b>Total IPP</b>	<b>184,009.0</b>	<b>60.59 %</b>
Co-Gen	1,518.0	0.50 %
<b>Total Co-Gen</b>	<b>1,518.0</b>	<b>0.50 %</b>
<b>Total Generation</b>	<b>304,600.0</b>	<b>100.30 %</b>
PLTG	175.0	0.06 %
HVDC	726.0	0.24 %
<b>Interconnection</b>	<b>901.0</b>	<b>0.30 %</b>
<b>Net Energy</b>	<b>303,699.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	288
Hydro	153
Syncon	494
Thermal	22
<b>Total</b>	<b>957</b>

Weather		Temperature
Morning	Sunny	28
Afternoon	Hot	32





### Daily MW Generation On Friday

23-Nov-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																										
PCUF	CUFG	17	17	17	17	16	17	17	17	18	18	18	18	17	17	19	14	13	13	12	12	15	15	16	10	10	13	14	16	17	17	17	16	17	17	16	18	18	18	18											
PCUF	CUFK	40	39	40	40	40	42	41	42	40	41	40	43	40	39	41	40	41	41	40	39	40	41	40	41	40	39	38	40	40	40	42	40	42	39	41	40	40	40	40	41										
Total Co-Gen		57	56	57	57	57	57	58	58	59	57	59	58	61	58	58	56	60	59	58	59	57	57	57	60	55	54	53	51	52	56	55	57	50	49	51	54	56	57	59	57	58	56	58	56	58	58	58	59		
Total Gen		12317	12090	11574	11433	11226	11141	10911	10735	10675	10585	10504	10522	10654	10658	10695	10849	11212	12169	12863	13367	13542	14062	14292	14568	14577	14115	13948	13995	14019	14207	14334	14328	14238	14267	14003	13627	13278	13054	13455	13791	13725	13611	13490	13236	12984	12712	12397	12144		
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		
TIE-HVDC		30	30	30	31	31	30	30	30	30	30	30	31	31	30	30	30	30	30	30	30	31	31	31	31	31	30	30	30	30	30	31	31	30	30	30	30	31	31	30	30	30	30	30	30	30	30	30	30		
TIE-PLTG		-4	109	-41	106	40	14	53	62	-65	70	49	-16	-44	-23	-81	-31	17	-108	-33	-18	-75	-18	-113	-15	44	6	-9	54	34	-34	11	31	-62	-24	-35	34	59	46	-66	-40	-2	13	12	14	59	5	-63	-29		
Interconnection		26	139	-11	137	71	44	83	92	-35	100	79	14	-14	8	-50	-1	47	-78	-3	12	-45	12	-83	16	75	37	22	84	64	-4	41	61	-32	7	-4	64	89	76	-36	-9	29	43	42	44	89	35	-33	1		
System Total		12291	11951	11585	11296	11155	11097	10828	10643	10710	10485	10425	10508	10668	10650	10745	10850	11165	12247	12866	13355	13587	14050	14375	14552	14502	14078	13926	13911	13955	14211	14293	14267	14270	14260	14007	13563	13189	12978	13491	13800	13696	13568	13448	13192	12895	12677	12430	12145		
SRev ST-Coal		12	9	13	15	13	1	4	67	179	178	229	249	252	253	171	169	-2	-16	2	4	0	3	3	6	5	12	23	14	11	5	6	3	20	77	78	62	11	12	15	13	9	-16	13	-14	-19	-10	-18	19		
SRev ST-Oil		-7	-7	-7	-7	-7	-7	28	28	28	28	28	68	44	5	56	38	7	4	3	3	3	3	3	3	3	21	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
SRev CCGT-Gas		359	577	1103	1217	1439	1538	1759	1817	1744	1789	1799	1775	1666	1680	1761	1645	1629	1218	832	569	434	217	223	164	184	199	246	186	176	213	157	195	245	249	291	418	689	889	504	203	289	425	312	369	572	542	428	516		
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		641	641	641	641	641	641	490	490	641	641	641	641	641	641	575	726	726	726	726	641	540	389	323	474	625	625	625	625	474	474	474	474	323	474	726	726	726	726	726	726	726	726	726	726	726	726	726	726		
Hydro		119	130	117	142	129	127	134	149	237	266	137	122	109	111	114	225	113	114	130	92	99	143	180	413	229	206	234	213	203	139	188	216	145	205	256	116	124	140	123	88	115	115	114	121	260	122	128	152		
S.Reserve Total		1214	1440	1957	2098	2305	2390	2621	2792	2768	2841	2924	2905	2826	2819	2782	2675	2509	2054	1699	1399	1177	906	798	909	895	1063	1166	1076	1053	869	871	1006	1001	899	1136	1409	1578	1767	1368	1030	1144	1249	1172	1204	1388	1380	1300	1415		