

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,290	MW
ST-Gas	80	MW
ST-Oil	80	MW
Gas	4,396	MW
Hydro	1,430	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,276</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,171</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>59</b>	<b>MW</b>
<b>System Total</b>	<b>17,506</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00		
TNB Generation	5,288	MW
IPP Generation	7,209	MW
Total Set On Bus	13,282	MW
Maximum Demand	12,585	MW
Spinning Reserve	726	MW
Net Energy	265,878	MWH
Load Factor	88.0	%

**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	11635	11250	10882	10486	10186	9990	10037	9864	9390	9975	10624	11186	11227	11434	11546	11520	11607	11429	11133	11239	12585	12573	12428	12159

**Gas Usage**

Station	(mmscfd)
CBPS	30
GLGR	58
PAKA	131
PGPS	48
SRDG	6
TJGS	147
<b>TNB Total</b>	<b>420</b>
KLPP	4
PGLA	74
PLPS	80
SGB3	38
SGRI	34
SKSP	53
YPGS	30
YPKA	94
<b>IPP Total</b>	<b>409</b>
<b>Total Gas</b>	<b>829</b>
<b>Total Gas Required :</b>	<b>829</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	30,590.00	11.51 %
ST-Oil	1,316.00	0.49 %
Gas	54,444.00	20.48 %
Hydro	18,134.00	6.82 %
Distillate	406.00	0.15 %
<b>Total TNB</b>	<b>104,890.0</b>	<b>39.45 %</b>
ST-Coal	93,076.0	35.01 %
ST-Oil	13,072.0	4.92 %
Gas	53,868.0	20.26 %
<b>Total IPP</b>	<b>160,016.0</b>	<b>60.18 %</b>
Co-Gen	1,492.0	0.56 %
<b>Total Co-Gen</b>	<b>1,492.0</b>	<b>0.56 %</b>
<b>Total Generation</b>	<b>266,398.0</b>	<b>100.20 %</b>
PLTG	-203.0	-0.08 %
HVDC	723.0	0.27 %
<b>Interconnection</b>	<b>520.0</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>265,878.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	298
Hydro	168
Syncon	279
Thermal	29
<b>Total</b>	<b>774</b>

	Weather	Temperature
Morning	Sunny	27





### Daily MW Generation On Sunday

15-Apr-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																											
TIE-PLTG		-19	-109	-16	30	-67	8	-139	-21	-77	-76	38	-8	24	1	48	0	31	-31	-16	-63	-11	-37	-85	-37	-47	-4	-80	8	-8	47	24	2	-24	-13	33	39	12	70	-20	-98	-60	-23	-5	-17	-25	-108	-50	5			
Interconnection		12	-79	14	60	-37	39	-108	8	-48	-45	69	21	53	32	79	30	61	-2	15	-32	19	-7	-55	-8	-16	25	-49	39	23	78	55	31	5	17	63	70	40	99	10	-67	-29	7	25	14	6	-78	-20	34			
<b>System Total</b>		11635	11504	11250	10871	10882	10605	10486	10291	10186	10176	9990	10076	10037	10087	9864	9601	9390	9803	9975	10413	10624	10856	11186	11345	11227	11425	11434	11374	11546	11532	11520	11499	11607	11530	11429	11173	11133	10842	11239	12160	12585	12552	12573	12572	12428	12465	12159	11965			
SRev ST-Coal		29	18	28	24	36	40	89	154	156	159	156	149	147	150	214	213	202	205	204	58	5	-1	10	0	7	17	5	4	7	2	6	8	14	9	6	6	18	6	3	29	51	54	52	53	49	6	54	14			
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		14	14	13	16	18	19	18	18	17	17	18	18	18	16	37	57	57	12	15	17	17	16	16	16	16	16	17	17	17	17	17	19	21	37	20	20	19	40	39	39	9	9	10	9	11	-23	17	17			
SRev CCGT-Gas		736	621	683	810	636	714	715	833	962	969	1001	990	1006	987	1087	1180	1170	1136	1116	878	665	458	415	601	606	309	338	358	438	355	342	384	338	366	384	596	1152	1067	908	446	206	178	186	183	198	183	186	249			
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		101	382	143	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0
Syncon		453	453	453	453	453	453	302	302	453	453	453	453	453	453	604	604	453	453	302	453	453	302	151	151	302	453	453	302	453	453	453	604	453	453	453	453	453	453	302	302	302	302	302	302	453	453	539				
Hydro		206	48	80	77	63	66	47	204	235	80	124	103	96	85	247	295	264	53	38	179	24	34	180	179	292	188	87	39	179	73	119	117	75	101	138	174	38	346	203	148	115	164	112	131	263	148	276	208			
<b>S.Reserve Total</b>		1544	1541	1405	1494	1211	1297	1327	1516	1677	1683	1756	1718	1725	1698	2022	2334	2302	1909	1828	1437	1169	966	1073	1097	1222	982	1050	1021	1093	900	937	981	1052	966	1001	1249	1680	1912	1606	964	726	788	742	760	905	999	986	1027			