

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,568	MW
Hydro	1,552	MW
Distillate	60	MW
<b>Total TNB</b>	<b>8,310</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,522</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>84</b>	<b>MW</b>
<b>System Total</b>	<b>19,466</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,632	MW
IPP Generation	8,587	MW
Total Set On Bus	15,217	MW
Maximum Demand	14,252	MW
Spinning Reserve	914	MW
Net Energy	295,388	MWH
Load Factor	86.4	%

**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	11177	10757	10375	9970	9789	9500	9663	10322	10839	12762	13550	14204	13976	13720	13983	14075	14050	13772	13023	12697	13486	13195	12616	12056

**Gas Usage**

Station	(mmscfd)
CBPS	56
GLGR	56
PAKA	43
PGPS	48
SRDG	18
TJGS	220
<b>TNB Total</b>	<b>442</b>
KLPP	98
MPSS	53
PGLA	111
PLPS	118
SGRI	123
YPGS	66
YPKA	103
<b>IPP Total</b>	<b>672</b>
<b>Total Gas</b>	<b>1,114</b>
<b>Total Gas Required :</b>	<b>1,114</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	46,322.00	15.68 %
Gas	58,824.00	19.91 %
Hydro	15,574.00	5.27 %
<b>Total TNB</b>	<b>120,720.0</b>	<b>40.87 %</b>
ST-Coal	85,115.0	28.81 %
Gas	87,927.0	29.77 %
<b>Total IPP</b>	<b>173,042.0</b>	<b>58.58 %</b>
Co-Gen	2,173.0	0.74 %
<b>Total Co-Gen</b>	<b>2,173.0</b>	<b>0.74 %</b>
<b>Total Generation</b>	<b>295,935.0</b>	<b>100.19 %</b>
PLTG	-227.0	-0.08 %
HVDC	774.0	0.26 %
<b>Interconnection</b>	<b>547.0</b>	<b>0.19 %</b>
<b>Net Energy</b>	<b>295,388.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	337
Hydro	217
Syncon	353
Thermal	57
<b>Total</b>	<b>964</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





*Daily MW Generation On Monday*
*12-Mar-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-HVDC		-29	-29	31	30	31	29	31	30	30	30	31	31	31	31	30	30	30	30	30	30	31	31	101	101	99	102	31	29	29	31																				
TIE-PLTG		70	-78	-4	14	-9	-47	-45	-67	-91	-70	-84	-59	-68	-108	-16	1	18	-13	-45	-35	-17	4	18	13	21	78	12	-23	-40	21	40	-26	13	23	35	21	10	64	15	-7	3	-47	28	56	-37	-78	-39	28		
<b>Interconnection</b>		<b>41</b>	<b>-107</b>	<b>-33</b>	<b>45</b>	<b>21</b>	<b>-16</b>	<b>-16</b>	<b>-36</b>	<b>-61</b>	<b>-40</b>	<b>-54</b>	<b>-28</b>	<b>-39</b>	<b>-77</b>	<b>15</b>	<b>30</b>	<b>47</b>	<b>16</b>	<b>-16</b>	<b>-6</b>	<b>14</b>	<b>35</b>	<b>49</b>	<b>44</b>	<b>51</b>	<b>108</b>	<b>42</b>	<b>7</b>	<b>-10</b>	<b>51</b>	<b>70</b>	<b>4</b>	<b>42</b>	<b>52</b>	<b>65</b>	<b>51</b>	<b>40</b>	<b>94</b>	<b>46</b>	<b>24</b>	<b>104</b>	<b>54</b>	<b>127</b>	<b>158</b>	<b>-6</b>	<b>-49</b>	<b>-10</b>	<b>59</b>		
<b>System Total</b>		<b>11177</b>	<b>10997</b>	<b>10757</b>	<b>10488</b>	<b>10375</b>	<b>10117</b>	<b>9970</b>	<b>9908</b>	<b>9821</b>	<b>9739</b>	<b>9500</b>	<b>9593</b>	<b>9663</b>	<b>9957</b>	<b>10322</b>	<b>10483</b>	<b>10839</b>	<b>11895</b>	<b>12762</b>	<b>13208</b>	<b>13550</b>	<b>13836</b>	<b>14204</b>	<b>14216</b>	<b>13976</b>	<b>13669</b>	<b>13720</b>	<b>13873</b>	<b>13983</b>	<b>14252</b>	<b>14075</b>	<b>14147</b>	<b>14050</b>	<b>14060</b>	<b>13772</b>	<b>13331</b>	<b>13007</b>	<b>12673</b>	<b>12697</b>	<b>13329</b>	<b>13486</b>	<b>13379</b>	<b>13084</b>	<b>12781</b>	<b>12552</b>	<b>12511</b>	<b>11992</b>	<b>11657</b>		
SRev ST-Coal		425	425	425	503	503	503	545	545	545	545	545	545	545	545	528	204	106	106	87	58	47	60	59	119	80	63	64	61	67	69	64	59	69	60	61	63	54	56	60	48	64	63	51	52	56	65				
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		
SRev CCGT-Gas		350	480	731	857	618	861	1083	1157	1103	1174	1270	1154	1094	925	971	994	946	826	497	388	493	359	309	340	260	359	519	484	320	156	277	247	282	287	367	636	830	1044	1030	446	278	368	332	361	695	829	1120	972		
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		
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
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		585	737	737	736	736	737	736	736	736	736	736	736	736	736	585	736	736	736	323	323	323	172	172	323	625	625	625	625	626	323	323	474	474	474	474	474	474	474	474	474	474	474	323	323	323	625	736	585	736	736
Hydro		176	110	101	136	149	86	75	84	72	82	76	70	73	70	211	105	119	112	200	211	271	276	305	224	102	154	103	77	86	193	316	138	162	145	217	238	246	302	349	252	311	320	279	225	188	290	121	104		
<b>S.Reserve Total</b>		<b>1536</b>	<b>1752</b>	<b>1994</b>	<b>2232</b>	<b>2006</b>	<b>2187</b>	<b>2439</b>	<b>2522</b>	<b>2456</b>	<b>2537</b>	<b>2627</b>	<b>2505</b>	<b>2448</b>	<b>2276</b>	<b>2312</b>	<b>2380</b>	<b>2329</b>	<b>1878</b>	<b>1126</b>	<b>1028</b>	<b>1174</b>	<b>865</b>	<b>988</b>	<b>999</b>	<b>1186</b>	<b>1455</b>	<b>1511</b>	<b>1395</b>	<b>1239</b>	<b>914</b>	<b>1180</b>	<b>960</b>	<b>1018</b>	<b>1000</b>	<b>1167</b>	<b>1408</b>	<b>1611</b>	<b>1883</b>	<b>1907</b>	<b>1228</b>	<b>1057</b>	<b>1144</b>	<b>1083</b>	<b>1274</b>	<b>1670</b>	<b>1756</b>	<b>2033</b>	<b>1877</b>		