

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,256	MW
Hydro	1,830	MW
Distillate	0	MW
<b>Total TNB</b>	<b>8,296</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,437</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>71</b>	<b>MW</b>
<b>System Total</b>	<b>18,804</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:00		
TNB Generation	4,881	MW
IPP Generation	6,753	MW
Total Set On Bus	12,614	MW
Maximum Demand	11,656	MW
Spinning Reserve	909	MW
Net Energy	247,460	MWH
Load Factor	88.5	%

**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	11554	10894	10593	10117	9999	9911	9838	9204	9057	9260	9600	9970	10198	10246	10353	10510	10486	10506	10333	11042	11656	11605	11355	11317

**Gas Usage**

Station	(mmscfd)
CBPS	29
GLGR	56
PAKA	0
PGPS	25
TJGS	203
<b>TNB Total</b>	<b>312</b>
KLPP	90
MPSS	53
PGLA	51
PLPS	110
SGB3	33
SKSP	49
YPGS	29
YPKA	94
<b>IPP Total</b>	<b>509</b>
<b>Total Gas</b>	<b>822</b>

Total Gas Required : 880  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	58
<b>Total</b>	<b>58</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,872.00	19.35 %
Gas	42,674.00	17.24 %
Hydro	8,097.00	3.27 %
<b>Total TNB</b>	<b>98,643.0</b>	<b>39.86 %</b>
ST-Coal	76,577.0	30.95 %
ST-Oil	5,616.0	2.27 %
Gas	65,524.0	26.48 %
<b>Total IPP</b>	<b>147,717.0</b>	<b>59.69 %</b>
Co-Gen	1,872.0	0.76 %
<b>Total Co-Gen</b>	<b>1,872.0</b>	<b>0.76 %</b>
<b>Total Generation</b>	<b>248,232.0</b>	<b>100.31 %</b>
PLTG	52.0	0.02 %
HVDC	720.0	0.29 %
<b>Interconnection</b>	<b>772.0</b>	<b>0.31 %</b>
<b>Net Energy</b>	<b>247,460.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	477
Hydro	142
Syncon	433
Thermal	82
<b>Total</b>	<b>1135</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 24
Afternoon	Hot 35





*Daily MW Generation On Friday*
**26-Oct-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																								
Hydro		89	47	54	3	70	46	24	46	-25	-23	-22	34	97	9	145	92	113	58	58	243	182	52	128	64	109	109	63	215	63	57	79	61	90	76	80	94	187	210	412	249	314	377	376	350	242	201	231	247
<b>S.Reserve Total</b>		<b>1513</b>	<b>1388</b>	<b>1172</b>	<b>1470</b>	<b>1760</b>	<b>1886</b>	<b>2083</b>	<b>2129</b>	<b>2183</b>	<b>2317</b>	<b>2137</b>	<b>2272</b>	<b>2077</b>	<b>2172</b>	<b>2555</b>	<b>2636</b>	<b>2674</b>	<b>2723</b>	<b>2547</b>	<b>2600</b>	<b>2191</b>	<b>1979</b>	<b>1888</b>	<b>1793</b>	<b>1794</b>	<b>1798</b>	<b>1695</b>	<b>1632</b>	<b>1550</b>	<b>1489</b>	<b>1464</b>	<b>1412</b>	<b>1429</b>	<b>1413</b>	<b>1421</b>	<b>1594</b>	<b>1625</b>	<b>1615</b>	<b>1081</b>	<b>890</b>	<b>909</b>	<b>924</b>	<b>919</b>	<b>990</b>	<b>1009</b>	<b>944</b>	<b>996</b>	<b>1089</b>