

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,416	MW
Hydro	1,540	MW
Distillate	960	MW
<b>Total TNB</b>	<b>7,296</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,729</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>74</b>	<b>MW</b>
<b>System Total</b>	<b>19,099</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,633	MW
IPP Generation	10,046	MW
Total Set On Bus	16,611	MW
Maximum Demand	15,741	MW
Spinning Reserve	858	MW
Net Energy	322,636	MWH
Load Factor	85.4	%

**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	12537	11841	11456	11006	10845	10635	10678	10820	11739	13532	14481	15160	15115	14747	15323	15618	15589	15120	14074	13853	14699	14681	14218	13695

**Gas Usage**

Station	(mmscfd)
CBPS	57
GLGR	61
PAKA	64
PGPS	50
SRDG	15
TJGS	123
<b>TNB Total</b>	<b>369</b>
KLPP	53
MPSS	61
PGLA	90
PLPS	74
SGB3	46
SGRI	95
SKSP	55
YPGS	34
YPKA	55
<b>IPP Total</b>	<b>563</b>
<b>Total Gas</b>	<b>932</b>

Total Gas Required : 1,293  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	37
PDPS	9
PKLG	134
PLPS	24
SGB3	38
SGRI	27
SRDG	11
TJGS	80
<b>Total</b>	<b>361</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,049.00	10.24 %
Gas	47,014.00	14.57 %
Hydro	14,930.00	4.63 %
Distillate	12,383.00	3.84 %
<b>Total TNB</b>	<b>107,376.0</b>	<b>33.28 %</b>
ST-Coal	109,776.0	34.02 %
ST-Oil	13,235.0	4.10 %
Gas	72,835.0	22.57 %
Distillate	16,940.0	5.25 %
<b>Total IPP</b>	<b>212,786.0</b>	<b>65.95 %</b>
Co-Gen	2,018.0	0.63 %
<b>Total Co-Gen</b>	<b>2,018.0</b>	<b>0.63 %</b>
<b>Total Generation</b>	<b>322,180.0</b>	<b>99.86 %</b>
PLTG	131.0	0.04 %
HVDC	-587.0	-0.18 %
<b>Interconnection</b>	<b>-456.0</b>	<b>-0.14 %</b>
<b>Net Energy</b>	<b>322,636.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	458
Hydro	127
Syncon	355
Thermal	28
<b>Total</b>	<b>968</b>

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32





