

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	3,413	MW
Hydro	1,827	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,380</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,617</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>79</b>	<b>MW</b>
<b>System Total</b>	<b>19,076</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,426 MW
IPP Generation	10,049 MW
Total Set On Bus	16,775 MW
Maximum Demand	15,713 MW
Spinning Reserve	1,221 MW
Net Energy	328,180 MWH
Load Factor	87.0 %

**Maximum Demand Record**

<b>Date :</b>	16/04/2013	16,356.0 MW
<b>Date :</b>	16/04/2013	338,800.0 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	13227	12523	12143	11851	11741	11373	11399	11389	12073	13668	14737	15436	15473	15125	15614	15590	15528	15065	14127	13969	14512	14348	13873	13472

**Gas Usage**

Station	(mmscfd)
CBPS	46
GLGR	31
PAKA	116
PGPS	49
SRDG	27
TJGS	107
<b>TNB Total</b>	<b>375</b>
KLPP	95
MPSS	53
PDPS	8
PGLA	100
PKLG	20
PLPS	90
PTEK	17
SGB3	32
SGRI	182
SKSP	52
YPGS	69
YPKA	69
<b>IPP Total</b>	<b>788</b>
<b>Total Gas</b>	<b>1,163</b>

Total Gas Required : 1,289  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	14
PKLG	112
<b>Total</b>	<b>126</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,552.00	15.10 %
ST-Oil	1,301.00	0.40 %
Gas	46,443.00	14.15 %
Hydro	14,347.00	4.37 %
<b>Total TNB</b>	<b>111,643.0</b>	<b>34.02 %</b>
ST-Coal	98,752.0	30.09 %
ST-Oil	10,939.0	3.33 %
Gas	100,341.0	30.57 %
<b>Total IPP</b>	<b>210,032.0</b>	<b>64.00 %</b>
Co-Gen	1,924.0	0.59 %
<b>Total Co-Gen</b>	<b>1,924.0</b>	<b>0.59 %</b>
<b>Total Generation</b>	<b>323,599.0</b>	<b>98.60 %</b>
PLTG	-3,883.0	-1.18 %
HVDC	-698.0	-0.21 %
<b>Interconnection</b>	<b>-4,581.0</b>	<b>-1.40 %</b>
<b>Net Energy</b>	<b>328,180.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	460
Hydro	146
Syncon	460
Thermal	34
<b>Total</b>	<b>1100</b>

	Weather	Temperature
Morning	Sunny	24
Afternoon	Cloudy	33





