

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,977 MW
Hydro	1,837 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,954 MW</b>
<b>Total IPP</b>	<b>10,917 MW</b>
<b>Total Co-Gen</b>	<b>74 MW</b>
<b>System Total</b>	<b>18,945 MW</b>

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

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,586 MW
IPP Generation	9,416 MW
Total Set On Bus	16,098 MW
Maximum Demand	15,180 MW
Spinning Reserve	1,022 MW
Net Energy	318,209 MWH
Load Factor	87.3 %

**Maximum Demand Record**

Date :	16/04/2013	16,356.0 MW
Date :	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	12912	12229	11794	11532	11313	11047	11133	11143	11842	13474	14089	14710	14793	14272	14455	15163	15180	14774	13768	13443	14351	13970	13428	13031

**Gas Usage**

Station	(mmscfd)
CBPS	47
GLGR	55
PAKA	142
PGPS	50
SRDG	32
TJGS	107
<b>TNB Total</b>	<b>432</b>
KLPP	98
PDPS	12
PGLA	52
PKLG	77
PLPS	104
PTEK	6
SGRI	210
SKSP	37
YPGS	69
YPKA	69
<b>IPP Total</b>	<b>735</b>
<b>Total Gas</b>	<b>1,168</b>
<b>Total Gas Required :</b>	<b>1,192</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	25
<b>Total</b>	<b>25</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,315.00	15.50 %
Gas	53,800.00	16.91 %
Hydro	14,233.00	4.47 %
<b>Total TNB</b>	<b>117,348.0</b>	<b>36.88 %</b>
ST-Coal	99,603.0	31.30 %
ST-Gas	7,197.0	2.26 %
ST-Oil	2,360.0	0.74 %
Gas	85,333.0	26.82 %
<b>Total IPP</b>	<b>194,493.0</b>	<b>61.12 %</b>
Co-Gen	2,027.0	0.64 %
<b>Total Co-Gen</b>	<b>2,027.0</b>	<b>0.64 %</b>
<b>Total Generation</b>	<b>313,868.0</b>	<b>98.64 %</b>
PLTG	-5,062.0	-1.59 %
HVDC	721.0	0.23 %
<b>Interconnection</b>	<b>-4,341.0</b>	<b>-1.36 %</b>
<b>Net Energy</b>	<b>318,209.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	231
Hydro	141
Syncon	481
Thermal	79
<b>Total</b>	<b>931</b>

**Weather Temperature**

Weather	Temperature
Morning	Rainy 24
Afternoon	Cloudy 30





