

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	155	MW
Gas	3,477	MW
Hydro	1,409	MW
Distillate	60	MW
<b>Total TNB</b>	<b>6,301</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,847</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>71</b>	<b>MW</b>
<b>System Total</b>	<b>18,219</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 15:00		
TNB Generation	4,580	MW
IPP Generation	9,935	MW
Total Set On Bus	15,614	MW
Maximum Demand	14,565	MW
Spinning Reserve	1,028	MW
Net Energy	295,313	MWH
Load Factor	84.5	%

**Maximum Demand Record**

Date :	09/05/2011	15,476.0 MW
Date :	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	11319	10733	10142	9911	9817	9928	10037	10174	10752	12559	13529	14113	13989	13912	14400	14565	14532	13868	13040	12754	13289	13344	13146	12543

**Gas Usage**

Station	(mmscfd)
CBPS	43
GLGR	54
PAKA	159
PGPS	48
SRDG	24
TJGS	49
<b>TNB Total</b>	<b>376</b>
KLPP	88
MPSS	51
PGLA	41
PLPS	111
SGB3	81
SGRI	82
SKSP	27
YPGS	34
YPKA	93
<b>IPP Total</b>	<b>610</b>
<b>Total Gas</b>	<b>985</b>

Total Gas Required : 1,118

Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	12
PGPS	34
PKLG	72
SGRI	14
<b>Total</b>	<b>132</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	27,344.00	9.26 %
ST-Oil	3,240.00	1.10 %
Gas	46,131.00	15.62 %
Hydro	11,810.00	4.00 %
<b>Total TNB</b>	<b>88,525.0</b>	<b>29.98 %</b>
ST-Coal	114,681.0	38.83 %
ST-Oil	7,069.0	2.39 %
Gas	80,850.0	27.38 %
Distillate	3,417.0	1.16 %
<b>Total IPP</b>	<b>206,017.0</b>	<b>69.76 %</b>
Co-Gen	1,865.0	0.63 %
<b>Total Co-Gen</b>	<b>1,865.0</b>	<b>0.63 %</b>
<b>Total Generation</b>	<b>296,407.0</b>	<b>100.37 %</b>
PLTG	484.0	0.16 %
HVDC	610.0	0.21 %
<b>Interconnection</b>	<b>1,094.0</b>	<b>0.37 %</b>
<b>Net Energy</b>	<b>295,313.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	552
Hydro	144
Syncon	346
Thermal	4
<b>Total</b>	<b>1045</b>

**Weather Temperature**

Time	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	31





