

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,120	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,576	MW
Hydro	1,617	MW
Distillate	700	MW
<b>Total TNB</b>	<b>7,013</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,242</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>80</b>	<b>MW</b>
<b>System Total</b>	<b>17,335</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,767	MW
IPP Generation	8,350	MW
Total Set On Bus	14,068	MW
Maximum Demand	13,248	MW
Spinning Reserve	871	MW
Net Energy	289,208	MWH
Load Factor	91.0	%

**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	12626	12105	11509	11109	10775	10703	10697	10596	10523	11625	12423	12918	12906	12585	12822	12822	12730	12439	12070	12179	13184	13062	12755	12582

**Gas Usage**

Station	(mmscfd)
CBPS	60
GLGR	62
PAKA	62
PGPS	27
SRDG	8
TJGS	135
<b>TNB Total</b>	<b>353</b>
KLPP	91
MPSS	61
PDPS	2
PGLA	98
PKLG	0
PLPS	124
SGB3	79
SGRI	83
SKSP	57
YPGS	34
YPKA	3
<b>IPP Total</b>	<b>633</b>
<b>Total Gas</b>	<b>986</b>

Total Gas Required : 1,192  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	6
PKLG	135
TJGS	65
<b>Total</b>	<b>207</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	30,215.00	10.45 %
Gas	46,414.00	16.05 %
Hydro	14,451.00	5.00 %
Distillate	9,333.00	3.23 %
<b>Total TNB</b>	<b>100,413.0</b>	<b>34.72 %</b>
ST-Coal	89,427.0	30.92 %
ST-Gas	19.0	0.01 %
ST-Oil	13,350.0	4.62 %
Gas	81,934.0	28.33 %
Distillate	816.0	0.28 %
<b>Total IPP</b>	<b>185,546.0</b>	<b>64.16 %</b>
Co-Gen	2,091.0	0.72 %
<b>Total Co-Gen</b>	<b>2,091.0</b>	<b>0.72 %</b>
<b>Total Generation</b>	<b>288,050.0</b>	<b>99.60 %</b>
PLTG	-457.0	-0.16 %
HVDC	-701.0	-0.24 %
<b>Interconnection</b>	<b>-1,158.0</b>	<b>-0.40 %</b>
<b>Net Energy</b>	<b>289,208.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	220
Hydro	182
Syncon	399
Thermal	46
<b>Total</b>	<b>848</b>

**Weather**
**Temperature**

Morning	Sunny	27
Afternoon	Hot	31





