

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,700 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,690 MW
Hydro	1,831 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,291 MW</b>
<b>Total IPP</b>	<b>9,606 MW</b>
<b>Total Co-Gen</b>	<b>79 MW</b>
<b>System Total</b>	<b>16,976 MW</b>

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

At Daily Maximum Demand Hour : 15:30

TNB Generation	6,529 MW
IPP Generation	8,758 MW
Total Set On Bus	16,288 MW
Maximum Demand	15,349 MW
Spinning Reserve	922 MW
Net Energy	321,274 MWH
Load Factor	87.2 %

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12945	12463	11840	11545	11149	10859	11187	11080	11765	13434	14300	14909	15079	14445	14848	15299	15339	14865	13767	14198	14478	14090	13716	13341

**Gas Usage**

Station	(mmscfd)
CBPS	82
GLGR	61
PAKA	186
PGGS	2
PGPS	42
SRDG	63
TJGS	109
<b>TNB Total</b>	<b>544</b>
KLPP	68
MPSS	59
PDPS	57
PKLG	116
PLPS	79
PTEK	58
SGB3	64
SGRI	186
SKSP	58
YPGS	32
YPKA	136
<b>IPP Total</b>	<b>913</b>
<b>Total Gas</b>	<b>1,457</b>

**Alternate Fuel Usage**

Station	(mmscfd)
SGB3	10
SGRI	9
<b>Total</b>	<b>19</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	40,422.00	12.58 %
Gas	65,501.00	20.39 %
Hydro	22,076.00	6.87 %
<b>Total TNB</b>	<b>127,999.0</b>	<b>39.84 %</b>
ST-Coal	80,563.0	25.08 %
ST-Gas	11,333.0	3.53 %
Gas	97,617.0	30.38 %
Distillate	2,329.0	0.72 %
<b>Total IPP</b>	<b>191,842.0</b>	<b>59.71 %</b>
Co-Gen	1,987.0	0.62 %
<b>Total Co-Gen</b>	<b>1,987.0</b>	<b>0.62 %</b>
<b>Total Generation</b>	<b>321,828.0</b>	<b>100.17 %</b>
PLTG	-173.0	-0.05 %
HVDC	727.0	0.23 %
<b>Interconnection</b>	<b>554.0</b>	<b>0.17 %</b>
<b>Net Energy</b>	<b>321,274.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	322
Hydro	210
Syncon	209
Thermal	144
<b>Total</b>	<b>884</b>

**Weather**
**Temperature**

Morning	Sunny	27
Afternoon	Hot	35

Total Gas Required : 1,476

Gas Calorific Value : 38.500





