

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,531	MW
Hydro	1,390	MW
Distillate	700	MW
<b>Total TNB</b>	<b>7,001</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,929</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>65</b>	<b>MW</b>
<b>System Total</b>	<b>18,995</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30		
TNB Generation	4,887	MW
IPP Generation	10,302	MW
Total Set On Bus	16,086	MW
Maximum Demand	15,326	MW
Spinning Reserve	832	MW
Net Energy	324,032	MWH
Load Factor	88.1	%

**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	13221	12469	12175	11740	11563	11389	11652	11534	12036	13693	14355	14942	14897	14485	15003	15212	15234	14944	13881	13525	14505	14324	13887	13501

**Gas Usage**

Station	(mmscfd)
CBPS	48
GLGR	31
PAKA	109
PGPS	50
SRDG	10
TJGS	106
<b>TNB Total</b>	<b>354</b>

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	14
PKLG	135
SGRI	11
TJGS	77
<b>Total</b>	<b>236</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,121.00	10.22 %
Gas	45,299.00	13.98 %
Hydro	13,507.00	4.17 %
Distillate	10,982.00	3.39 %
<b>Total TNB</b>	<b>102,909.0</b>	<b>31.76 %</b>
ST-Coal	110,101.0	33.98 %
ST-Oil	13,257.0	4.09 %
Gas	93,265.0	28.78 %
Distillate	3,158.0	0.97 %
<b>Total IPP</b>	<b>219,781.0</b>	<b>67.83 %</b>
Co-Gen	1,841.0	0.57 %
<b>Total Co-Gen</b>	<b>1,841.0</b>	<b>0.57 %</b>
<b>Total Generation</b>	<b>324,531.0</b>	<b>100.15 %</b>
PLTG	-232.0	-0.07 %
HVDC	731.0	0.23 %
<b>Interconnection</b>	<b>499.0</b>	<b>0.15 %</b>
<b>Net Energy</b>	<b>324,032.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	400
Hydro	149
Syncon	378
Thermal	42
<b>Total</b>	<b>969</b>

KLPP	76
MPSS	56
PGLA	91
PLPS	104
SGB3	61
SGRI	117
SKSP	53
YPGS	35
YPKA	125

<b>IPP Total</b>	<b>718</b>
<b>Total Gas</b>	<b>1,072</b>

<b>Total Gas Required :</b>	<b>1,309</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Weather Temperature**

Morning	Sunny	27
Afternoon	Hot	31





