

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	2,836	MW
Hydro	1,874	MW
Distillate	760	MW
<b>Total TNB</b>	<b>7,600</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,137</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>54</b>	<b>MW</b>
<b>System Total</b>	<b>18,791</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 11:30

TNB Generation	6,085	MW
IPP Generation	8,368	MW
Total Set On Bus	15,249	MW
Maximum Demand	14,557	MW
Spinning Reserve	742	MW
Net Energy	302,143	MWH
Load Factor	86.5	%

**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	12164	11635	11191	10820	10662	10485	10531	10721	11109	12825	13625	14103	14294	13826	14005	14405	14495	14062	13241	13355	13947	13384	13005	12553

**Gas Usage**

Station	(mmscfd)
CBPS	44
GLGR	54
PAKA	132
SRDG	15
<b>TNB Total</b>	<b>244</b>
KLPP	71
MPSS	28
PGLA	52
PKLG	5
PLPS	67
SGB3	82
SGRI	52
SKSP	48
YPGS	68
YPKA	124
<b>IPP Total</b>	<b>596</b>
<b>Total Gas</b>	<b>840</b>

Total Gas Required : 1,192  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	25
PGLA	31
PGPS	31
PKLG	135
PLPS	19
TEWA	2
TJGS	109
<b>Total</b>	<b>352</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	43,829.00	14.51 %
ST-Oil	2,895.00	0.96 %
Gas	29,741.00	9.84 %
Hydro	21,049.00	6.97 %
Distillate	16,778.00	5.55 %
<b>Total TNB</b>	<b>114,292.0</b>	<b>37.83 %</b>
ST-Coal	85,016.0	28.14 %
ST-Gas	488.0	0.16 %
ST-Oil	13,286.0	4.40 %
Gas	78,809.0	26.08 %
Distillate	9,791.0	3.24 %
<b>Total IPP</b>	<b>187,390.0</b>	<b>62.02 %</b>
Co-Gen	1,271.0	0.42 %
<b>Total Co-Gen</b>	<b>1,271.0</b>	<b>0.42 %</b>
<b>Total Generation</b>	<b>302,953.0</b>	<b>100.27 %</b>
PLTG	89.0	0.03 %
HVDC	721.0	0.24 %
<b>Interconnection</b>	<b>810.0</b>	<b>0.27 %</b>
<b>Net Energy</b>	<b>302,143.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	371
Hydro	220
Syncon	348
Thermal	45
<b>Total</b>	<b>983</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





