

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,437	MW
Hydro	1,604	MW
Distillate	760	MW
<b>Total TNB</b>	<b>7,081</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,552</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>63</b>	<b>MW</b>
<b>System Total</b>	<b>17,696</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,491 MW
IPP Generation	9,074 MW
Total Set On Bus	15,405 MW
Maximum Demand	14,633 MW
Spinning Reserve	777 MW
Net Energy	301,641 MWH
Load Factor	85.9 %

**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	11433	10891	10809	10483	10336	10226	10270	10722	11326	12617	13461	14221	14061	13798	14303	14538	14633	14147	13064	13251	14012	13753	13315	12806

**Gas Usage**

Station	(mmscfd)
GLGR	49
PAKA	181
PGPS	49
SRDG	32
TJGS	48
<b>TNB Total</b>	<b>359</b>
KLPP	4
MPSS	50
PGLA	52
PKLG	3
PLPS	98
SGB3	60
SGRI	131
SKSP	49
YPGS	34
YPKA	140
<b>IPP Total</b>	<b>621</b>
<b>Total Gas</b>	<b>980</b>

Total Gas Required : 1,244  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
PGPS	17
PKLG	131
SGB3	14
TJGS	102
<b>Total</b>	<b>264</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	27,351.00	9.07 %
ST-Oil	1,607.00	0.53 %
Gas	44,002.00	14.59 %
Hydro	15,351.00	5.09 %
Distillate	15,484.00	5.13 %
<b>Total TNB</b>	<b>103,795.0</b>	<b>34.41 %</b>
ST-Coal	99,011.0	32.82 %
ST-Oil	12,857.0	4.26 %
Gas	83,171.0	27.57 %
Distillate	1,777.0	0.59 %
<b>Total IPP</b>	<b>196,816.0</b>	<b>65.25 %</b>
Co-Gen	1,645.0	0.55 %
<b>Total Co-Gen</b>	<b>1,645.0</b>	<b>0.55 %</b>
<b>Total Generation</b>	<b>302,256.0</b>	<b>100.20 %</b>
PLTG	-106.0	-0.04 %
HVDC	721.0	0.24 %
<b>Interconnection</b>	<b>615.0</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>301,641.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	338
Hydro	229
Syncon	200
Thermal	45
<b>Total</b>	<b>812</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





