

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	85	MW
Gas	3,597	MW
Hydro	1,579	MW
Distillate	60	MW
<b>Total TNB</b>	<b>6,521</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,587</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>81</b>	<b>MW</b>
<b>System Total</b>	<b>18,189</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 15:00		
TNB Generation	4,626	MW
IPP Generation	9,950	MW
Total Set On Bus	15,535	MW
Maximum Demand	14,703	MW
Spinning Reserve	878	MW
Net Energy	305,167	MWH
Load Factor	86.5	%

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	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	12691	12015	11421	11085	11038	11000	11084	10900	11354	12782	13532	14268	14202	13828	14002	14703	14582	14018	13303	13003	13308	13480	13027	12850

**Gas Usage**

Station	(mmscfd)
CBPS	52
GLGR	56
PAKA	184
PGPS	47
SRDG	7
TJGS	31
<b>TNB Total</b>	<b>377</b>
KLPP	31
MPSS	43
PGLA	53
PLPS	114
SGB3	29
SGRI	58
SKSP	33
YPGS	33
YPKA	105
<b>IPP Total</b>	<b>499</b>
<b>Total Gas</b>	<b>875</b>

**Total Gas Required :** 1,156  
**Gas Calorific Value :** 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	48
PGLA	34
PGPS	19
PKLG	93
SGB3	43
SGRI	37
TJGS	6
<b>Total</b>	<b>280</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	27,356.00	8.96 %
ST-Oil	1,751.00	0.57 %
Gas	46,928.00	15.38 %
Hydro	11,869.00	3.89 %
Distillate	792.00	0.26 %
<b>Total TNB</b>	<b>88,696.0</b>	<b>29.06 %</b>
ST-Coal	117,100.0	38.37 %
ST-Oil	9,138.0	2.99 %
Gas	66,830.0	21.90 %
Distillate	21,107.0	6.92 %
<b>Total IPP</b>	<b>214,175.0</b>	<b>70.18 %</b>
Co-Gen	2,032.0	0.67 %
<b>Total Co-Gen</b>	<b>2,032.0</b>	<b>0.67 %</b>
<b>Total Generation</b>	<b>304,903.0</b>	<b>99.91 %</b>
PLTG	436.0	0.14 %
HVDC	-700.0	-0.23 %
<b>Interconnection</b>	<b>-264.0</b>	<b>-0.09 %</b>
<b>Net Energy</b>	<b>305,167.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	382
Hydro	173
Syncon	406
Thermal	27
<b>Total</b>	<b>987</b>

**Weather Temperature**

Time	Weather	Temperature
Morning	Sunny	24
Afternoon	Cloudy	31





