

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,010	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	2,576	MW
Hydro	1,890	MW
Distillate	1,590	MW
<b>Total TNB</b>	<b>8,146</b>	<b>MW</b>
<b>Total IPP</b>	<b>10,614</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>53</b>	<b>MW</b>
<b>System Total</b>	<b>18,813</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 11:30		
TNB Generation	5,853	MW
IPP Generation	8,312	MW
Total Set On Bus	15,045	MW
Maximum Demand	14,379	MW
Spinning Reserve	827	MW
Net Energy	297,761	MWH
Load Factor	86.3	%

**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	11977	11386	11069	10698	10442	9964	10381	10357	11249	12767	13571	14188	14323	13921	14180	14299	14120	13787	12951	12933	13628	13278	12633	12151

**Gas Usage**

Station	(mmscfd)
CBPS	53
GLGR	54
PAKA	87
SRDG	7
<b>TNB Total</b>	<b>200</b>
KLPP	33
MPSS	27
PGLA	63
PLPS	68
SGB3	55
SGRI	32
SKSP	49
YPGS	68
YPKA	131
<b>IPP Total</b>	<b>527</b>
<b>Total Gas</b>	<b>727</b>

Total Gas Required : 1,171  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	58
PGLA	20
PGPS	17
PKLG	130
PLPS	18
SGB3	21
SGRI	20
SRDG	4
TJGS	156
<b>Total</b>	<b>444</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	44,997.00	15.11 %
ST-Oil	1,646.00	0.55 %
Gas	24,740.00	8.31 %
Hydro	21,971.00	7.38 %
Distillate	22,618.00	7.60 %
<b>Total TNB</b>	<b>115,972.0</b>	<b>38.95 %</b>
ST-Coal	77,548.0	26.04 %
ST-Oil	12,831.0	4.31 %
Gas	71,095.0	23.88 %
Distillate	17,717.0	5.95 %
<b>Total IPP</b>	<b>179,191.0</b>	<b>60.18 %</b>
Co-Gen	1,406.0	0.47 %
<b>Total Co-Gen</b>	<b>1,406.0</b>	<b>0.47 %</b>
<b>Total Generation</b>	<b>296,569.0</b>	<b>99.60 %</b>
PLTG	-48.0	-0.02 %
HVDC	-1,144.0	-0.38 %
<b>Interconnection</b>	<b>-1,192.0</b>	<b>-0.40 %</b>
<b>Net Energy</b>	<b>297,761.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	398
Hydro	208
Syncon	286
Thermal	36
<b>Total</b>	<b>928</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32



Table with 23 columns (Station, Unit, 0000-2300) and multiple rows showing power generation data for various units like PLPS, SRDG, BSIA, LPIA, TMGR, UPIA, KLPP, and SGB3.

