

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,328 MW
Hydro	1,829 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,687 MW</b>
<b>Total IPP</b>	<b>11,929 MW</b>
<b>Total Co-Gen</b>	<b>68 MW</b>
<b>System Total</b>	<b>20,244 MW</b>

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

At Daily Maximum Demand Hour : 15:00		
TNB Generation	4,386 MW	
IPP Generation	8,498 MW	
Total Set On Bus	13,953 MW	
Maximum Demand	13,016 MW	
Spinning Reserve	1,001 MW	
Net Energy	273,154 MWH	
Load Factor	87.4 %	

**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	10828	10208	9807	9526	9280	9080	9230	9392	9908	11298	11976	12626	12777	12515	12883	13016	12932	12657	11852	11823	12798	12607	12109	11684

**Gas Usage**

Station	(mmscfd)
GLGR	51
PGPS	49
SRDG	16
TJGS	208
<b>TNB Total</b>	<b>323</b>
KLPP	103
PGLA	108
PLPS	106
SGB3	86
SGRI	64
SKSP	52
YPGS	69
YPKA	129
<b>IPP Total</b>	<b>718</b>
<b>Total Gas</b>	<b>1,041</b>
<b>Total Gas Required :</b>	<b>1,041</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	31,881.00	11.67 %
Gas	43,689.00	15.99 %
Hydro	11,992.00	4.39 %
<b>Total TNB</b>	<b>87,562.0</b>	<b>32.06 %</b>
ST-Coal	88,262.0	32.31 %
Gas	94,506.0	34.60 %
<b>Total IPP</b>	<b>182,768.0</b>	<b>66.91 %</b>
Co-Gen	2,022.0	0.74 %
<b>Total Co-Gen</b>	<b>2,022.0</b>	<b>0.74 %</b>
<b>Total Generation</b>	<b>272,352.0</b>	<b>99.71 %</b>
PLTG	-102.0	-0.04 %
HVDC	-700.0	-0.26 %
<b>Interconnection</b>	<b>-802.0</b>	<b>-0.29 %</b>
<b>Net Energy</b>	<b>273,154.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	223
Hydro	218
Syncon	417
Thermal	49
<b>Total</b>	<b>906</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 32





*Daily MW Generation On Thursday*

23-Aug-2012

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		539	539	539	539	388	539	539	539	388	539	539	388	539	539	453	453	453	640	539	539	539	539	539	539
Hydro		120	114	111	114	235	107	115	114	253	121	133	108	252	206	124	138	100	144	142	264	137	106	265	317
<b>S.Reserve Total</b>		<b>1718</b>	<b>2143</b>	<b>2328</b>	<b>2534</b>	<b>2737</b>	<b>2859</b>	<b>3035</b>	<b>3076</b>	<b>3108</b>	<b>3159</b>	<b>3146</b>	<b>3062</b>	<b>2873</b>	<b>2840</b>	<b>2819</b>	<b>2832</b>	<b>2472</b>	<b>1636</b>	<b>1477</b>	<b>1197</b>	<b>1075</b>	<b>1054</b>	<b>924</b>	<b>930</b>