

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,316 MW
Hydro	1,818 MW
Distillate	230 MW
<b>Total TNB</b>	<b>7,574 MW</b>
<b>Total IPP</b>	<b>10,424 MW</b>
<b>Total Co-Gen</b>	<b>85 MW</b>
<b>System Total</b>	<b>18,083 MW</b>

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

At Daily Maximum Demand Hour : 15:30	
TNB Generation	6,241 MW
IPP Generation	9,097 MW
Total Set On Bus	16,488 MW
Maximum Demand	15,467 MW
Spinning Reserve	1,065 MW
Net Energy	323,447 MWH
Load Factor	87.1 %

**Maximum Demand Record**

Date :	19/03/2013	16,133.0 MW
Date :	20/03/2013	333,019.0 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	12740	12007	11783	11440	11254	11088	11224	11267	11609	13180	14222	14899	14919	14433	14674	15242	15309	15069	14076	13714	14745	14487	14105	13751

**Gas Usage**

Station	(mmscfd)
CBPS	73
GLGR	56
PAKA	109
PGPS	38
SRDG	49
TJGS	108
<b>TNB Total</b>	<b>434</b>
KLPP	67
MPSS	56
PDPS	9
PGLA	62
PKLG	12
PLPS	109
PTEK	12
SGRI	166
SKSP	33
YPGS	69
YPKA	69
<b>IPP Total</b>	<b>665</b>
<b>Total Gas</b>	<b>1,099</b>

Total Gas Required : 1,416  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	32
PDPS	46
PGLA	14
PGPS	26
PKLG	131
PTEK	9
SGRI	46
SRDG	12
<b>Total</b>	<b>318</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,610.00	15.34 %
ST-Oil	1,264.00	0.39 %
Gas	52,712.00	16.30 %
Hydro	18,042.00	5.58 %
Distillate	2,581.00	0.80 %
<b>Total TNB</b>	<b>124,209.0</b>	<b>38.40 %</b>
ST-Coal	82,971.0	25.65 %
ST-Oil	12,932.0	4.00 %
Gas	84,911.0	26.25 %
Distillate	16,878.0	5.22 %
<b>Total IPP</b>	<b>197,692.0</b>	<b>61.12 %</b>
Co-Gen	2,183.0	0.67 %
<b>Total Co-Gen</b>	<b>2,183.0</b>	<b>0.67 %</b>
<b>Total Generation</b>	<b>324,084.0</b>	<b>100.20 %</b>
PLTG	-86.0	-0.03 %
HVDC	723.0	0.22 %
<b>Interconnection</b>	<b>637.0</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>323,447.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	408
Hydro	244
Syncon	269
Thermal	34
<b>Total</b>	<b>955</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 31







*Daily MW Generation On Friday*
*12-Apr-2013*

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	
Syncon		711	711	711	560	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711
Hydro		96	38	83	36	186	61	138	176	84	174	46	327	88	187	180	211	90	78	64	205	253	277	275	291	211
S.Reserve Total		1194	1285	1496	1581	1793	2100	2147	2443	2433	2540	2509	2721	2539	2354	2405	2431	2647	1464	1253	865	1014	1077	951	965	1099