

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,010 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	4,022 MW
Hydro	1,713 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,815 MW</b>
<b>Total IPP</b>	<b>11,064 MW</b>
<b>Total Co-Gen</b>	<b>38 MW</b>
<b>System Total</b>	<b>18,917 MW</b>

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

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,345 MW
IPP Generation	9,810 MW
Total Set On Bus	16,158 MW
Maximum Demand	15,189 MW
Spinning Reserve	965 MW
Net Energy	322,208 MWH
Load Factor	88.4 %

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12787	12271	11862	11454	11242	11087	11198	11104	11769	13425	14281	14892	14979	14437	14518	15007	15189	14838	13861	13986	14639	14382	13948	13651

**Gas Usage**

Station	(mmscfd)
CBPS	47
PAKA	189
PGPS	44
SRDG	55
TJGS	114
<b>TNB Total</b>	<b>449</b>
KLPP	114
MPSS	58
PDPS	20
PGLA	100
PKLG	125
PLPS	97
PTEK	7
SGB3	38
SGRI	207
SKSP	57
YPGS	34
YPKA	129
<b>IPP Total</b>	<b>986</b>
<b>Total Gas</b>	<b>1,435</b>
<b>Total Gas Required :</b>	<b>1,435</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,659.00	14.79 %
Gas	54,625.00	16.95 %
Hydro	12,067.00	3.75 %
<b>Total TNB</b>	<b>114,351.0</b>	<b>35.49 %</b>
ST-Coal	83,307.0	25.86 %
ST-Gas	11,353.0	3.52 %
Gas	112,663.0	34.97 %
<b>Total IPP</b>	<b>207,323.0</b>	<b>64.34 %</b>
Co-Gen	1,198.0	0.37 %
<b>Total Co-Gen</b>	<b>1,198.0</b>	<b>0.37 %</b>
<b>Total Generation</b>	<b>322,872.0</b>	<b>100.21 %</b>
PLTG	664.0	0.21 %
<b>Interconnection</b>	<b>664.0</b>	<b>0.21 %</b>
<b>Net Energy</b>	<b>322,208.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	232
Hydro	110
Syncon	492
Thermal	113
<b>Total</b>	<b>947</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 33





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
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	77	26	36	32	29	31	33	31	35	34	33	35	35	36	26	32	40	32	36	32	39	36	37	41
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		581	396	421	413	408	404	414	412	421	448	424	422	422	446	401	412	428	413	422	412	425	749	756	772
PCUF	CUFG	51	51	51	50	51	50	51	51	52	51	50	51	50	50	50	49	48	47	47	43	43	43	43	43
PCUF	CUFK	15	17	17	17	16	17	16	16	16	17	16	15	9	6	0	0	0	0	0	0	0	0	0	0
Total Co-Gen		66	68	68	67	67	67	67	68	68	66	66	59	56	50	50	49	48	47	47	43	43	43	43	42
Total Gen		12788	12488	12220	11999	11871	11697	11488	11391	11211	11255	11225	11155	11170	11378	11176	11213	11668	12945	13471	14009	14161	14799	14954	15116
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-PLTG		5	11	-47	-47	13	71	34	62	-31	-62	139	54	-28	49	72	104	-101	177	46	39	-120	80	62	
Interconnection		5	11	-47	-47	13	71	34	62	-31	-62	139	54	-28	49	72	104	-101	177	46	39	-120	80	62	
System Total		12783	12477	12267	12046	11858	11626	11454	11329	11242	11317	11086	11101	11198	11329	11104	11109	11769	12768	13425	13970	14281	14719	14892	15120
SRev ST-Coal		194	196	182	188	187	187	184	195	190	186	186	126	123	123	128	125	117	124	123	123	124	131	124	122
SRev ST-Gas		1	0	0	0	0	35	77	75	74	74	75	75	74	74	75	75	79	39	7	0	0	0	0	0
SRev CCGT-Gas		442	551	452	423	547	714	909	960	1150	1149	1196	1145	1124	937	1077	1284	1520	672	386	228	213	204	186	214
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		474	625	625	625	625	625	625	625	539	539	625	625	625	625	625	625	625	625	625	625	625	625	625	625
Hydro		76	109	83	91	96	100	90	92	83	142	166	82	82	209	102	91	75	90	81	91	78	155	148	132
S.Reserve Total		1187	1481	1342	1327	1455	1711	1885	1947	2122	2090	2162	2053	2028	1817	2006	2200	2412	1586	1294	1232	1111	1051	958	943