

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,580 MW
Hydro	1,874 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,904 MW</b>
<b>Total IPP</b>	<b>10,808 MW</b>
<b>Total Co-Gen</b>	<b>29 MW</b>
<b>System Total</b>	<b>17,741 MW</b>

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

At Daily Maximum Demand Hour : 16:00

TNB Generation	4,881 MW
IPP Generation	10,418 MW
Total Set On Bus	16,357 MW
Maximum Demand	15,291 MW
Spinning Reserve	1,029 MW
Net Energy	319,848 MWH
Load Factor	87.2 %

**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	12395	11776	11433	11153	10870	10710	11074	11216	11625	13419	14411	15145	14959	14661	15092	15283	15291	14891	13940	13797	14644	14396	13823	13358

**Gas Usage**

Station	(mmscfd)
CBPS	61
PAKA	124
PGPS	53
SRDG	70
TJGS	113
<b>TNB Total</b>	<b>420</b>
KLPP	105
MPSS	50
PDPS	39
PGLA	113
PKLG	58
PLPS	98
PTEK	41
SGB3	87
SGRI	176
SKSP	53
YPGS	67
YPKA	98
<b>IPP Total</b>	<b>986</b>
<b>Total Gas</b>	<b>1,406</b>

Total Gas Required : 1,406

Gas Calorific Value : 38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,099.00	10.35 %
Gas	51,655.00	16.15 %
Hydro	14,074.00	4.40 %
<b>Total TNB</b>	<b>98,828.0</b>	<b>30.90 %</b>
ST-Coal	97,637.0	30.53 %
ST-Gas	4,245.0	1.33 %
Gas	119,232.0	37.28 %
<b>Total IPP</b>	<b>221,114.0</b>	<b>69.13 %</b>
Co-Gen	726.0	0.23 %
<b>Total Co-Gen</b>	<b>726.0</b>	<b>0.23 %</b>
<b>Total Generation</b>	<b>320,668.0</b>	<b>100.26 %</b>
PLTG	118.0	0.04 %
EGAT	-24.0	-0.01 %
HVDC	726.0	0.23 %
<b>Interconnection</b>	<b>820.0</b>	<b>0.26 %</b>
<b>Net Energy</b>	<b>319,848.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	284
Hydro	127
Syncon	462
Thermal	79
<b>Total</b>	<b>952</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

Table with columns for Station, Unit, and hourly generation from 0000 to 2300. Includes sub-totals for Total ST-Coal and Total ST-Gas.



### Daily MW Generation On Thursday

12-Sep-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
SIHY	HY02	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	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	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
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	-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	HY02	28	42	36	33	32	34	36	36	34	35	34	40	38	40	37	32	26	34	85	85	30	86	84	73
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPIA	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		598	559	517	505	196	220	241	237	214	233	204	246	334	362	291	197	347	543	715	791	691	954	1159	1119
PCUF	CUFG	29	28	31	30	31	31	32	32	32	32	31	31	30	31	30	29	28	28	30	29	28	28	29	28
PCUF	CUFK	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Co-Gen		32	29	31	30	31	31	32	32	32	31	31	30	31	32	32	32	30	31	30	29	28	28	29	28
Total Gen		12528	12082	11852	11792	11410	11188	11113	10952	10824	10779	10668	10737	11109	11345	11270	11205	11657	12806	13446	14056	14438	14754	15195	15299
TIE-EGAT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TIE-HVDC		31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		103	42	47	47	52	55	69	126	75	112	71	52	6	8	25	11	2	39	2	7	2	1	20	8
Interconnection		133	-13	76	76	-23	-26	-40	-97	-46	-85	-42	-23	35	37	54	19	32	68	27	22	27	29	50	38
System Total		12395	12095	11776	11716	11433	11214	11153	11049	10870	10862	10710	10760	11074	11308	11216	11186	11625	12738	13419	14034	14411	14725	15145	15261
SRev ST-Coal		104	107	101	101	101	96	104	89	109	102	99	99	99	99	107	96	97	83	99	127	122	99	102	109
SRev ST-Gas		-1	41	37	37	37	37	36	36	36	36	36	37	37	37	36	36	37	41	7	-125	-48	-5	-4	-4
SRev CCGI-Gas		507	635	621	662	736	987	1076	1248	1333	1405	1483	1460	1175	960	976	1087	1079	710	479	334	301	197	197	312
SRev OCGI-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131	12	-17	24	-11
SRev Co-Gen		-3	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		625	625	625	625	731	580	731	731	731	731	731	580	580	580	580	731	625	625	474	474	474	474	625	625
Hydro		127	66	108	120	113	240	68	72	95	76	105	214	126	98	169	112	173	82	61	35	184	157	102	142
S.Reserve Total		1359	1473	1492	1545	1718	1940	2016	2176	2304	2350	2454	2390	2017	1782	1858	2063	1996	1553	1182	1103	1096	865	901	1015