

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,680 MW
Hydro	1,706 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,836 MW</b>
<b>Total IPP</b>	<b>9,698 MW</b>
<b>Total Co-Gen</b>	<b>46 MW</b>
<b>System Total</b>	<b>17,117 MW</b>

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

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,490 MW
IPP Generation	8,436 MW
Total Set On Bus	13,835 MW
Maximum Demand	12,766 MW
Spinning Reserve	863 MW
Net Energy	261,405 MWH
Load Factor	85.3 %

**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	11209	10722	10498	10107	9856	9656	9783	9639	9285	9678	10339	10882	11070	11006	11250	11183	11236	11055	10998	11532	12676	12668	12502	12099

**Gas Usage**

Station	(mmscfd)
CBPS	29
PAKA	120
PGPS	51
SRDG	9
TJGS	106
<b>TNB Total</b>	<b>315</b>
KLPP	99
MPSS	61
PGLA	91
PLPS	69
SGRI	175
SKSP	53
YPGS	67
YPKA	97
<b>IPP Total</b>	<b>712</b>
<b>Total Gas</b>	<b>1,027</b>
<b>Total Gas Required :</b>	<b>1,027</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	31,940.00	12.22 %
Gas	40,539.00	15.51 %
Hydro	7,093.00	2.71 %
<b>Total TNB</b>	<b>79,572.0</b>	<b>30.44 %</b>
ST-Coal	87,261.0	33.38 %
Gas	93,381.0	35.72 %
<b>Total IPP</b>	<b>180,642.0</b>	<b>69.10 %</b>
Co-Gen	1,098.0	0.42 %
<b>Total Co-Gen</b>	<b>1,098.0</b>	<b>0.42 %</b>
<b>Total Generation</b>	<b>261,312.0</b>	<b>99.96 %</b>
PLTG	74.0	0.03 %
HVDC	-167.0	-0.06 %
Interconnection	-93.0	-0.04 %
<b>Net Energy</b>	<b>261,405.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	360
Hydro	114
Syncon	404
Thermal	88
<b>Total</b>	<b>966</b>

	Weather	Temperature
Morning	Sunny	23
Afternoon	Hot	31





### Daily MW Generation On Monday

16-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																										
TIE-PLTG		48	-28	67	10	-58	-22	-37	-29	29	71	64	27	-16	38	83	-72	30	-36	57	-21	-8	49	41	10	-27	-50	-38	-18	-94	-35	-40	30	-18	72	30	0	-31	28	-76	-82	-4	5	19	28	-20	-11	77	107		
Interconnection		79	3	98	-19	-87	-51	-66	-59	-1	42	35	-2	-45	9	54	-100	2	-65	28	-50	-37	20	12	-19	-56	-79	-67	-47	-123	-64	-69	0	-48	43	1	-29	-60	-1	-105	-52	97	206	220	231	-50	-42	49	78		
<b>System Total</b>		<b>11209</b>	<b>11221</b>	<b>10722</b>	<b>10725</b>	<b>10498</b>	<b>10116</b>	<b>10107</b>	<b>9955</b>	<b>9856</b>	<b>9741</b>	<b>9656</b>	<b>9666</b>	<b>9783</b>	<b>9683</b>	<b>9639</b>	<b>9239</b>	<b>9285</b>	<b>9516</b>	<b>9678</b>	<b>10026</b>	<b>10339</b>	<b>10697</b>	<b>10882</b>	<b>11011</b>	<b>11070</b>	<b>11038</b>	<b>11006</b>	<b>11185</b>	<b>11250</b>	<b>11284</b>	<b>11183</b>	<b>11185</b>	<b>11236</b>	<b>11184</b>	<b>11055</b>	<b>11068</b>	<b>10998</b>	<b>11093</b>	<b>11532</b>	<b>12566</b>	<b>12676</b>	<b>12766</b>	<b>12668</b>	<b>12621</b>	<b>12502</b>	<b>12452</b>	<b>12099</b>	<b>11857</b>		
SRev ST-Coal		113	112	111	176	167	203	239	286	278	260	318	320	317	309	323	465	467	458	440	409	359	100	100	110	102	113	113	110	96	104	105	106	109	98	107	114	109	111	122	129	111	112	116	130	124	112	114	126		
SRev ST-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	0	0	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 CCGT-Gas		351	143	286	257	267	445	437	588	748	905	978	999	1040	1113	1081	1322	1284	1190	1050	861	769	910	600	630	618	662	682	518	516	434	513	551	533	403	564	572	683	530	396	161	155	167	175	168	159	175	301	368		
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	0	0	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	0	0	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		731	731	731	731	731	731	731	731	731	580	731	731	731	625	625	625	474	625	474	474	474	474	474	474	474	474	474	474	474	474	474	625	474	625	625	625	625	625	625	625	474	474	539	539	539	474	475	625	625	
Hydro		113	107	123	126	122	130	128	122	125	269	129	131	124	256	125	118	215	208	218	339	166	135	131	128	124	126	126	122	118	252	127	258	117	129	131	133	128	126	128	131	125	48	150	72	265	139	89	71		
<b>S.Reserve Total</b>		<b>1308</b>	<b>1093</b>	<b>1251</b>	<b>1290</b>	<b>1287</b>	<b>1509</b>	<b>1535</b>	<b>1727</b>	<b>1882</b>	<b>2014</b>	<b>2156</b>	<b>2181</b>	<b>2212</b>	<b>2258</b>	<b>2260</b>	<b>2636</b>	<b>2591</b>	<b>2481</b>	<b>2333</b>	<b>2083</b>	<b>1919</b>	<b>1619</b>	<b>1305</b>	<b>1342</b>	<b>1318</b>	<b>1375</b>	<b>1395</b>	<b>1224</b>	<b>1204</b>	<b>1264</b>	<b>1370</b>	<b>1389</b>	<b>1384</b>	<b>1255</b>	<b>1427</b>	<b>1444</b>	<b>1545</b>	<b>1392</b>	<b>1271</b>	<b>983</b>	<b>867</b>	<b>863</b>	<b>977</b>	<b>911</b>	<b>1138</b>	<b>901</b>	<b>1214</b>	<b>1190</b>		