

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,050	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,664	MW
Hydro	1,648	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,362</b>	<b>MW</b>
<b>Total IPP</b>	<b>9,614</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>85</b>	<b>MW</b>
<b>System Total</b>	<b>17,061</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:30

TNB Generation	5,512	MW
IPP Generation	7,627	MW
Total Set On Bus	14,250	MW
Maximum Demand	13,216	MW
Spinning Reserve	1,026	MW
Net Energy	285,843	MWH
Load Factor	90.1	%
Total Cost	42,372,743	RM
Cost per Unit	15.14	cents/kWH

**Maximum Demand Record**

Date :	13/05/2013	16,562.0MW
Date :	25/06/2013	345,254.0MWH

**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	12935	12430	11897	11607	11327	11166	11253	11056	10316	10802	11553	11978	12040	11877	12052	12012	12034	11738	11482	11840	13101	13166	12930	12510

**Gas Usage**

Station	(mmscfd)
CBPS	1
GLGR	37
PAKA	188
PGPS	33
TJGS	216
<b>TNB Total</b>	<b>476</b>
KLPP	70
MPSS	55
PDPS	2
PGLA	114
PKLG	43
PLPS	71
PTEK	2
SGB3	66
SGRI	114
SKSP	51
YPKA	97
<b>IPP Total</b>	<b>684</b>
<b>Total Gas</b>	<b>1,160</b>
Total Gas Required :	1,160
Gas Calorific Value :	38,500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,129.00	17.19 %
Gas	63,623.00	22.26 %
Hydro	5,311.00	1.86 %
<b>Total TNB</b>	<b>118,063.0</b>	<b>41.30 %</b>
ST-Coal	77,454.0	27.10 %
ST-Gas	4,179.0	1.46 %
Gas	83,539.0	29.23 %
<b>Total IPP</b>	<b>165,172.0</b>	<b>57.78 %</b>
Co-Gen	2,019.0	0.71 %
<b>Total Co-Gen</b>	<b>2,019.0</b>	<b>0.71 %</b>
<b>Total Generation</b>	<b>285,254.0</b>	<b>99.79 %</b>
PLTG	108.0	0.04 %
HVDC	-697.0	-0.24 %
<b>Interconnection</b>	<b>-589.0</b>	<b>-0.21 %</b>
<b>Net Energy</b>	<b>285,843.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	434
Hydro	152
Syncon	517
Thermal	112
<b>Total</b>	<b>1214</b>

**Weather Temperature**

	Weather	Temperature
Morning	Rainy	23
Afternoon	Hot	33





### Daily MW Generation On Sunday

16-Mar-2014

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-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-28	-28	-30	-28	-29	-28	-30	-28	-29	-28	-30	-29	-30	-29	-29															
TIE-PLTG		127	16	13	-9	-8	38	31	90	0	6	16	-7	-62	28	68	37	50	13	44	-34	-34	-13	40	-11	-40	-53	-21	-27	-15	-36	14	-21	18	-3	-10	35	28	5	-1	-6	4	36	-6	-17	-26	-41	-16	-23	
Interconnection		98	-13	-16	-38	-37	9	2	61	-29	-23	-14	-37	-91	-1	38	8	21	-16	15	-63	-64	-43	11	-40	-69	-82	-50	-56	-44	-65	-15	-50	-10	-31	-40	7	-1	-23	-31	-34	-25	8	-34	-47	-55	-71	-45	-52	
<b>System Total</b>		<b>12935</b>	<b>12739</b>	<b>12430</b>	<b>12147</b>	<b>11897</b>	<b>11694</b>	<b>11607</b>	<b>11458</b>	<b>11327</b>	<b>11411</b>	<b>11166</b>	<b>11307</b>	<b>11253</b>	<b>11122</b>	<b>11056</b>	<b>10680</b>	<b>10316</b>	<b>10727</b>	<b>10802</b>	<b>11262</b>	<b>11553</b>	<b>11746</b>	<b>11978</b>	<b>12115</b>	<b>12040</b>	<b>11921</b>	<b>11877</b>	<b>11899</b>	<b>12052</b>	<b>12066</b>	<b>12012</b>	<b>12157</b>	<b>12034</b>	<b>12061</b>	<b>11738</b>	<b>11695</b>	<b>11482</b>	<b>11734</b>	<b>11840</b>	<b>12841</b>	<b>13101</b>	<b>13216</b>	<b>13166</b>	<b>13207</b>	<b>12930</b>	<b>12927</b>	<b>12510</b>	<b>12319</b>	
SRev ST-Coal		95	97	15	0	115	118	109	104	112	98	108	98	103	102	103	101	108	91	104	83	89	83	101	72	72	87	84	84	86	77	81	79	87	81	79	86	77	87	81	87	82	88	89	85	88	86	79	64	
SRev ST-Gas		43	38	38	38	38	38	38	38	38	38	38	38	38	38	38	37	37	38	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	42	15	9	5	1	3	10	3	2	3
SRev CCGT-Gas		300	255	407	463	483	398	501	603	686	668	1003	895	967	1006	1024	1426	1767	1381	1263	942	615	555	368	271	363	492	498	621	453	547	545	440	514	532	838	931	1171	928	989	296	278	162	311	295	316	253	442	357	
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
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
Syncon		579	428	579	579	579	579	579	579	428	428	428	579	579	579	579	579	579	579	579	493	493	493	493	342	579	579	579	579	579	579	579	579	579	579	428	579	579	579	579	579	474	474	474	474	323	474	579	579	579
Hydro		148	230	130	132	112	131	131	129	118	213	242	242	123	127	129	136	137	129	134	91	123	112	228	120	130	116	126	127	128	124	126	122	120	253	133	128	120	119	134	189	167	170	169	289	166	153	124	128	
<b>S.Reserve Total</b>		<b>1165</b>	<b>1048</b>	<b>1169</b>	<b>1212</b>	<b>1327</b>	<b>1264</b>	<b>1358</b>	<b>1453</b>	<b>1533</b>	<b>1445</b>	<b>1819</b>	<b>1701</b>	<b>1810</b>	<b>1852</b>	<b>1873</b>	<b>2280</b>	<b>2628</b>	<b>2217</b>	<b>2032</b>	<b>1646</b>	<b>1358</b>	<b>1281</b>	<b>1077</b>	<b>1080</b>	<b>1182</b>	<b>1312</b>	<b>1325</b>	<b>1449</b>	<b>1284</b>	<b>1365</b>	<b>1369</b>	<b>1258</b>	<b>1338</b>	<b>1332</b>	<b>1667</b>	<b>1762</b>	<b>1985</b>	<b>1751</b>	<b>1825</b>	<b>1061</b>	<b>1133</b>	<b>1026</b>	<b>1167</b>	<b>1089</b>	<b>1054</b>	<b>1074</b>	<b>1226</b>	<b>1131</b>	