

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,917 MW
Hydro	1,752 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,049 MW</b>
<b>Total IPP</b>	<b>10,622 MW</b>
<b>Total Co-Gen</b>	<b>69 MW</b>
<b>System Total</b>	<b>17,740 MW</b>

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

At Daily Maximum Demand Hour : 16:00

TNB Generation	6,192 MW
IPP Generation	10,306 MW
Total Set On Bus	17,409 MW
Maximum Demand	16,584 MW
Spinning Reserve	842 MW
Net Energy	339,596 MWH
Load Factor	85.3 %
Total Cost	65,198,706 RM
Cost per Unit	19.94 cents/kWH

**Maximum Demand Record**

Date :	09/06/2014	16,584.0 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	13028	12594	12071	11618	11569	11214	11326	11325	12157	14200	15352	15950	15922	15624	16124	16472	16584	16104	14794	14489	15461	15476	15051	14724

**Gas Usage**

Station	(mmscfd)
CBPS	87
GLGR	65
PAKA	155
PGGS	3
SRDG	51
TJGS	218
<b>TNB Total</b>	<b>580</b>
KLPP	115
MPSS	58
PDPS	43
PGLA	109
PKLG	103
PLPS	109
PTEK	48
SGRI	210
SKSP	55
YPGS	56
YPKA	106
<b>IPP Total</b>	<b>1,014</b>
<b>Total Gas</b>	<b>1,594</b>

Total Gas Required : 1,594  
Gas Calorific Value : 38,500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,822.00	9.67 %
Gas	73,061.00	21.51 %
Hydro	13,025.00	3.84 %
<b>Total TNB</b>	<b>118,908.0</b>	<b>35.01 %</b>
ST-Coal	93,968.0	27.67 %
ST-Gas	8,668.0	2.55 %
Gas	116,749.0	34.38 %
<b>Total IPP</b>	<b>219,385.0</b>	<b>64.60 %</b>
Co-Gen	1,616.0	0.48 %
<b>Total Co-Gen</b>	<b>1,616.0</b>	<b>0.48 %</b>
<b>Total Generation</b>	<b>339,909.0</b>	<b>100.09 %</b>
PLTG	313.0	0.09 %
<b>Interconnection</b>	<b>313.0</b>	<b>0.09 %</b>
<b>Net Energy</b>	<b>339,596.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	359
Hydro	233
Syncon	323
Thermal	84
<b>Total</b>	<b>999</b>

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33





### Daily MW Generation On Monday

09-Jun-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	
PGAU	HY02	-1	-1	140	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	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	
PGAU	HY04	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	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	
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	
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	35	38	38	35	31	35	26	34	36	33	36	32	36	33	35	33	26	38	40	33	33	33	36	32	
TMGR	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	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
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	
UPLA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<b>Total Hydro</b>		<b>176</b>	<b>182</b>	<b>324</b>	<b>198</b>	<b>168</b>	<b>179</b>	<b>159</b>	<b>177</b>	<b>179</b>	<b>174</b>	<b>179</b>	<b>192</b>	<b>179</b>	<b>174</b>	<b>178</b>	<b>172</b>	<b>159</b>	<b>183</b>	<b>226</b>	<b>384</b>	<b>356</b>	<b>450</b>	<b>575</b>	<b>714</b>	
PCUF	CUFG	10	11	12	11	20	21	36	36	36	37	37	36	36	37	37	36	35	35	36	34	34	33	33	33	
PCUF	CUFK	35	34	35	34	34	34	35	36	37	36	36	34	35	36	35	36	35	36	35	36	36	35	35	34	36
<b>Total Co-Gen</b>		<b>45</b>	<b>45</b>	<b>47</b>	<b>45</b>	<b>54</b>	<b>55</b>	<b>71</b>	<b>72</b>	<b>73</b>	<b>73</b>	<b>73</b>	<b>70</b>	<b>71</b>	<b>73</b>	<b>72</b>	<b>73</b>	<b>71</b>	<b>71</b>	<b>70</b>	<b>72</b>	<b>70</b>	<b>69</b>	<b>68</b>	<b>68</b>	
<b>Total Gen</b>		<b>13037</b>	<b>12801</b>	<b>12665</b>	<b>12417</b>	<b>12139</b>	<b>11948</b>	<b>11763</b>	<b>11584</b>	<b>11568</b>	<b>11419</b>	<b>11221</b>	<b>11215</b>	<b>11340</b>	<b>11374</b>	<b>11382</b>	<b>11508</b>	<b>12248</b>	<b>13209</b>	<b>14142</b>	<b>14753</b>	<b>15279</b>	<b>15601</b>	<b>15905</b>	<b>16097</b>	
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		7	45	69	88	66	104	143	8	-3	47	5	67	12	-4	55	22	89	8	-60	6	-75	5	-46	39	
<b>Interconnection</b>		<b>7</b>	<b>45</b>	<b>69</b>	<b>88</b>	<b>66</b>	<b>104</b>	<b>143</b>	<b>8</b>	<b>-3</b>	<b>47</b>	<b>5</b>	<b>67</b>	<b>12</b>	<b>-4</b>	<b>55</b>	<b>22</b>	<b>89</b>	<b>8</b>	<b>-60</b>	<b>6</b>	<b>-75</b>	<b>5</b>	<b>-46</b>		
<b>System Total</b>		<b>13030</b>	<b>12756</b>	<b>12596</b>	<b>12329</b>	<b>12073</b>	<b>11844</b>	<b>11620</b>	<b>11576</b>	<b>11571</b>	<b>11372</b>	<b>11216</b>	<b>11148</b>	<b>11328</b>	<b>11378</b>	<b>11327</b>	<b>11486</b>	<b>12159</b>	<b>13201</b>	<b>14202</b>	<b>14747</b>	<b>15354</b>	<b>15596</b>	<b>15951</b>	<b>16058</b>	
SRev ST-Coal		33	69	74	30	37	72	58	47	45	54	9	49	42	9	33	52	57	43	26	70	46	94	59	136	
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	
SRev CCGT-Gas		322	135	158	198	308	266	391	600	711	966	1214	1280	1316	1402	1636	1590	1633	998	249	311	189	272	137	133	
SRev OCGT-Gas		137	104	6	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		732	732	581	731	731	731	731	731	731	731	731	731	580	731	731	731	731	731	731	429	343	343	237	237	
Hydro		126	120	129	255	135	124	144	126	124	129	124	262	124	129	125	131	144	120	77	221	335	346	327	293	
<b>S.Reserve Total</b>		<b>1455</b>	<b>1265</b>	<b>1053</b>	<b>1319</b>	<b>1316</b>	<b>1298</b>	<b>1429</b>	<b>1609</b>	<b>1626</b>	<b>1985</b>	<b>2183</b>	<b>2276</b>	<b>2378</b>	<b>2442</b>	<b>2702</b>	<b>2644</b>	<b>2721</b>	<b>2049</b>	<b>1204</b>	<b>1283</b>	<b>1222</b>	<b>1161</b>	<b>924</b>	<b>967</b>	