

Availability At Daily Maximum Demand Hour

| | | |
|---------------------|---------------|-----------|
| ST-Coal | 2,040 | MW |
| ST-Gas | 0 | MW |
| ST-Oil | 0 | MW |
| Gas | 3,923 | MW |
| Hydro | 1,732 | MW |
| Distillate | 0 | MW |
| Total TNB | 7,695 | MW |
| Total IPP | 9,839 | MW |
| Total Co-Gen | 69 | MW |
| System Total | 18,173 | MW |

Set On Bus, TNB, IPP And MD

| | |
|--------------------------------------|-----------------|
| At Daily Maximum Demand Hour : 20:30 | |
| TNB Generation | 5,815 MW |
| IPP Generation | 8,591 MW |
| Total Set On Bus | 15,475 MW |
| Maximum Demand | 14,311 MW |
| Spinning Reserve | 1,000 MW |
| Net Energy | 305,122 MWH |
| Load Factor | 88.8 % |
| Total Cost | 40,958,483 RM |
| Cost per Unit | 13.79 cents/kWH |

Maximum Demand Record

| | | |
|--------|------------|---------------|
| Date : | 11/06/2014 | 16,901.0 MW |
| Date : | 11/06/2014 | 352,879.0 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 | 13900 | 13193 | 12732 | 12392 | 12087 | 11767 | 11610 | 11393 | 10834 | 11434 | 12140 | 12763 | 12838 | 12729 | 12837 | 13027 | 13126 | 12851 | 12538 | 12383 | 14087 | 14306 | 14094 | 13896 |

Gas Usage

| Station | (mmscfd) |
|------------------|------------|
| CBPS | 41 |
| GLGR | 65 |
| PAKA | 143 |
| PGPS | 2 |
| TJGS | 215 |
| TNB Total | 465 |
| KLPP | 110 |
| MPSS | 60 |
| PDPS | 5 |
| PGLA | 8 |
| PLPS | 50 |
| PTEK | 11 |
| SGRI | 143 |
| SKSP | 54 |
| YPGS | 67 |
| YPKA | 94 |

IPP Total 601

Total Gas 1,066

Total Gas Required : 1,066

Gas Calorific Value : 38,500

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 48,775.00 | 15.99 % |
| Gas | 62,180.00 | 20.38 % |
| Hydro | 8,014.00 | 2.63 % |
| Total TNB | 118,969.0 | 38.99 % |
| ST-Coal | 106,895.0 | 35.03 % |
| Gas | 77,497.0 | 25.40 % |
| Total IPP | 184,392.0 | 60.43 % |
| Co-Gen | 1,687.0 | 0.55 % |
| Total Co-Gen | 1,687.0 | 0.55 % |
| Total Generation | 305,048.0 | 99.98 % |
| PLTG | -162.0 | -0.05 % |
| EGAT | 246.0 | 0.08 % |
| HVDC | -158.0 | -0.05 % |
| Interconnection | -74.0 | -0.02 % |
| Net Energy | 305,122.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|-------------|
| GT | 215 |
| Hydro | 232 |
| Syncon | 526 |
| Thermal | 59 |
| Total | 1032 |

Weather Temperature

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Sunny | 27 |
| Afternoon | Hot | 35 |

| 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-EGAT | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 81 | 84 | 84 | 86 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| TIE-HVDC | | -28 | -28 | -28 | -28 | -30 | -30 | -28 | -29 | -29 | -30 | -30 | -28 | -28 | -30 | -30 | -29 | -29 | -30 | -30 | -30 | -29 | -29 | -29 | 151 | 151 | 152 | 152 | 152 | 153 | -30 | -30 | -30 | | | | | | | | | | | | | | | | | | |
| TIE-PLTG | | -19 | -48 | -52 | -125 | 7 | 28 | -9 | -35 | -8 | -104 | -25 | 0 | 54 | 38 | 146 | 40 | 53 | 24 | -3 | 55 | 5 | 5 | -12 | -15 | -24 | -11 | 6 | 1 | 45 | -9 | 52 | -25 | -47 | 2 | -31 | 20 | -17 | -46 | -51 | -111 | -36 | -72 | -75 | -10 | 55 | -19 | 10 | 69 | | |
| Interconnection | | -47 | -76 | -80 | -153 | -23 | -2 | -37 | -63 | -37 | -133 | -55 | -30 | 26 | 10 | 116 | 10 | 25 | -4 | -32 | 26 | -24 | -24 | -42 | -45 | -54 | -41 | -23 | -28 | 15 | -39 | 23 | -54 | -77 | -28 | -61 | -10 | -46 | -75 | -80 | 113 | 196 | 164 | 161 | 226 | 294 | -49 | -20 | 39 | | |
| System Total | | 13900 | 13452 | 13193 | 112981 | 12732 | 12502 | 12392 | 12213 | 12087 | 12041 | 11767 | 11707 | 11610 | 11768 | 11393 | 10823 | 10634 | 11051 | 11434 | 11755 | 12140 | 12504 | 12763 | 12744 | 12838 | 12753 | 12729 | 12733 | 12837 | 13066 | 13027 | 13182 | 13126 | 13068 | 12851 | 12683 | 12538 | 12433 | 12383 | 13433 | 14087 | 14311 | 14306 | 14298 | 14094 | 14046 | 13896 | 13790 | | |
| SRev ST-Coal | | 45 | 32 | 28 | 65 | 47 | 53 | 41 | 46 | 67 | 50 | 58 | 53 | 73 | 60 | 78 | 384 | 231 | 142 | 61 | 67 | 47 | 51 | 64 | 62 | 85 | 94 | 1 | 62 | 60 | 50 | 50 | 54 | 55 | 78 | 94 | 55 | 61 | 48 | 59 | 69 | 63 | 51 | 63 | 64 | 72 | 77 | 64 | 57 | | |
| 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 | | 227 | 716 | 461 | 334 | 245 | 360 | 288 | 447 | 487 | 650 | 855 | 868 | 885 | 760 | 964 | 1324 | 1371 | 1284 | 1130 | 941 | 636 | 316 | 167 | 137 | 112 | 156 | 256 | 313 | 222 | 289 | 219 | -88 | 180 | 197 | 503 | 404 | 551 | 916 | 1098 | 508 | 339 | 356 | 206 | 138 | 154 | 136 | 223 | 181 | | |
| 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 | 580 | 731 | 731 | 731 | 731 | 731 | 731 | 580 | 731 | 731 | 731 | 731 | 731 | 731 | 731 | 731 | 474 | 625 | 625 | 475 | 625 | 474 | 625 | 625 | 625 | 625 | 580 | 731 | 731 | 580 | 731 | 731 | 580 | 731 | 731 | 726 | 726 | 172 | 87 | 172 | 154 | 625 | 576 | 576 | 576 | 576 | |
| Hydro | | 102 | 104 | 95 | 176 | 109 | 108 | 109 | 109 | 108 | 103 | 236 | 112 | 115 | 111 | 126 | 138 | 141 | 128 | 265 | 167 | 234 | 196 | 148 | 373 | 138 | 195 | 170 | 211 | 249 | 110 | 120 | 212 | 120 | 98 | 116 | 121 | 117 | 34 | 87 | 146 | 434 | 330 | 443 | 205 | 246 | 152 | 128 | 127 | | |
| S.Reserve Total | | 1105 | 1583 | 1315 | 1155 | 1132 | 1252 | 1169 | 1333 | 1393 | 1534 | 1729 | 1764 | 1804 | 1662 | 1899 | 2577 | 2474 | 2285 | 1930 | 1800 | 1542 | 1038 | 1004 | 1046 | 960 | 1070 | 1052 | 1211 | 1111 | 1180 | 1120 | 758 | 1086 | 1104 | 1293 | 1311 | 1460 | 1724 | 1970 | 895 | 997 | 1000 | 952 | 1050 | 1066 | 1101 | 1012 | 949 | | |