

Availability at Daily Maximum Demand Hour

| | |
|--------------|-----------|
| ST-Coal | 2,070 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Gas | 4,232 MW |
| Hydro | 1,579 MW |
| Distillate | 0 MW |
| Total TNB | 7,881 MW |
| Total IPP | 9,933 MW |
| Total Co-Gen | 0 MW |
| Total System | 17,814 MW |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|----------------|-----------------|
| ST-Coal | 48,808 | 14.99 % |
| Gas | 72,345 | 22.22 % |
| Hydro | 12,734 | 3.91 % |
| Total TNB | 133,887 | 41.12 % |
| ST-Coal | 101,270 | 31.10 % |
| ST-Gas | 10,689 | 3.28 % |
| Gas | 78,414 | 24.08 % |
| Total IPP | 190,373 | 58.47 % |
| Co-Gen | 2,014 | 0.62 % |
| Total Co-Gen | 2,014 | 0.62 % |
| Total Generation | 326,274 | 100.21 % |
| PLTG | 39 | 0.01 % |
| HVDC | 636 | 0.20 % |
| Interconnection | 675 | 0.21 % |
| Net Energy | 325,599 | 100.00 % |

Maximum Demand Record

| | |
|-----------------|-------------|
| Date: 6/11/2014 | 16,901 MW |
| Date: 6/24/2014 | 355,911 MWH |

Set On Bus, TNB, IPP And MD

| | |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 14:30:00 Hour |
| Total Set On Bus | 16,817 MW |
| TNB Generation | 6,653 MW |
| IPP Generation | 9,206 MW |
| Spinning Reserve | 873 MW |
| Maximum Demand | 15,902 MW |
| Net Energy | 325,599 MWH |
| Load Factor | 85.31 % |

Fuel Cost

| | |
|---------------|------------------|
| Total Cost: | 51,585,267.41 RM |
| Cost per Unit | 16.45 cents/kWH |

Average Spinning Reserve During Peak Hour

| Type | MW |
|--------------|------------|
| GT | 376 |
| Hydro | 221 |
| Syncon | 246 |
| Thermal | 32 |
| Total | 875 |

Time Weather Temperature

| Time | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Cloudy | 25 |
| Morning | Rainy | 33 |

Gas Usage

| Station | (mmscfd) |
|------------------|------------|
| CBPS | 23 |
| CBPS | 48 |
| GLGR | 57 |
| PAKA | 123 |
| PGGS | 12 |
| PGPS | 42 |
| SRDG | 53 |
| TJGS | 215 |
| Total TNB | 572 |

| | |
|------------------|--------------|
| KLPP | 108 |
| MPSS | 49 |
| PDPS | 40 |
| PGLA | 0 |
| PKLG | 21 |
| PLPS | 107 |
| PTEK | 32 |
| SGB3 | 25 |
| SGRI | 202 |
| YPKA | 66 |
| PKLG | 104 |
| Total IPP | 756 |
| Total Gas | 1,328 |

Total Gas Required 1,328

Alternate Fuel Usage

| Station | (mmscfd) |
|--------------|----------|
| Total | 0 |

Hourly System MW Generation

| | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| System Total | 12235 | 11661 | 11400 | 10966 | 10801 | 10608 | 10877 | 10979 | 11836 | 13824 | 14813 | 15398 | 15448 | 15109 | 15597 | 15887 | 15809 | 15431 | 14227 | 14369 | 14907 | 14746 | 14200 | 13642 |

Daily MW Generation on Monday

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| JMAH | U001 | 702 | 705 | 706 | 702 | 702 | 706 | 708 | 702 | 703 | 705 | 700 | 701 | 700 | 702 | 700 | 700 | 700 | 700 | 701 | 703 | 701 | 701 | 705 | 700 | 701 | 703 | 707 | 701 | 702 | 705 | 697 | 694 | | | | | | | | | | | | | | | | | | |
| JMJG | U001 | 681 | 673 | 679 | 672 | 682 | 678 | 679 | 679 | 683 | 680 | 676 | 679 | 678 | 678 | 678 | 680 | 679 | 680 | 679 | 679 | 682 | 679 | 681 | 679 | 682 | 677 | 677 | 681 | 678 | 679 | 679 | 680 | 679 | 680 | 678 | 673 | 679 | 681 | 679 | 680 | 679 | 679 | 679 | | | | | | | |
| JMJG | U002 | 668 | 683 | 677 | 683 | 662 | 675 | 679 | 657 | 680 | 679 | 676 | 678 | 678 | 689 | 681 | 698 | 673 | 679 | 678 | 679 | 678 | 679 | 678 | 679 | 682 | 700 | 689 | 678 | 682 | 680 | 682 | 681 | 680 | 676 | 672 | 699 | 675 | 677 | 681 | 672 | 682 | 663 | 698 | 667 | 676 | | | | | |
| JMJG | U003 | 679 | 679 | 680 | 678 | 679 | 679 | 674 | 678 | 680 | 682 | 680 | 678 | 681 | 677 | 683 | 678 | 676 | 678 | 679 | 664 | 667 | 673 | 673 | 670 | 673 | 673 | 677 | 674 | 673 | 676 | 673 | 677 | 677 | 679 | 674 | 673 | 678 | 672 | 675 | 671 | 677 | 673 | 672 | 673 | 675 | 675 | 677 | 674 | | |
| PKLG | U003 | 282 | 284 | 282 | 283 | 283 | 283 | 283 | 283 | 281 | 283 | 281 | 284 | 283 | 284 | 283 | 281 | 281 | 282 | 283 | 283 | 283 | 283 | 283 | 283 | 283 | 281 | 282 | 279 | 281 | 283 | 284 | 281 | 283 | 281 | 283 | 283 | 283 | 281 | 283 | 281 | 282 | 279 | 279 | 281 | 280 | 281 | 283 | | | |
| PKLG | U004 | 282 | 280 | 282 | 282 | 282 | 282 | 281 | 281 | 285 | 279 | 279 | 281 | 283 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | 281 | | | |
| PKLG | U005 | 359 | 358 | 358 | 359 | 358 | 360 | 358 | 360 | 357 | 360 | 357 | 378 | 408 | 414 | 414 | 415 | 414 | 416 | 414 | 416 | 414 | 414 | 414 | 415 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | 414 | | | |
| PKLG | U006 | 467 | 468 | 469 | 469 | 466 | 468 | 466 | 463 | 470 | 467 | 467 | 465 | 465 | 466 | 466 | 470 | 466 | 466 | 466 | 460 | 469 | 466 | 466 | 466 | 466 | 466 | 467 | 469 | 467 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 466 | 468 | | | |
| TBIN | U001 | 697 | 697 | 699 | 699 | 696 | 699 | 701 | 696 | 700 | 698 | 696 | 697 | 697 | 699 | 695 | 702 | 699 | 699 | 695 | 696 | 696 | 697 | 697 | 698 | 699 | 698 | 696 | 698 | 697 | 695 | 698 | 698 | 700 | 695 | 698 | 698 | 698 | 699 | 698 | 700 | 697 | 697 | 701 | 700 | 698 | 698 | 696 | 698 | | |
| TBIN | U002 | 697 | 697 | 698 | 706 | 693 | 700 | 699 | 697 | 697 | 696 | 699 | 696 | 696 | 699 | 695 | 692 | 699 | 695 | 695 | 694 | 701 | 700 | 700 | 695 | 702 | 706 | 700 | 695 | 698 | 701 | 700 | 697 | 694 | 700 | 699 | 699 | 695 | 695 | 696 | 694 | 698 | 702 | 700 | 694 | 699 | 698 | 697 | | | |
| TBIN | U003 | 695 | 696 | 696 | 698 | 698 | 698 | 700 | 698 | 698 | 697 | 499 | 600 | 702 | 699 | 695 | 694 | 695 | 696 | 701 | 699 | 695 | 693 | 700 | 697 | 695 | 695 | 690 | 693 | 693 | 691 | 720 | 699 | 706 | 675 | 699 | 696 | 696 | 695 | 697 | 696 | 703 | 696 | 696 | 698 | 696 | 696 | | | | |
| Total ST-Coal | | 6209 | 6220 | 6226 | 6231 | 6201 | 6228 | 6228 | 6194 | 6234 | 6226 | 6010 | 6137 | 6271 | 6285 | 6276 | 6302 | 6265 | 6271 | 6272 | 6250 | 6266 | 6280 | 6271 | 6263 | 6273 | 6276 | 6275 | 6277 | 6278 | 6280 | 6272 | 6278 | 6297 | 6274 | 6283 | 6259 | 6277 | 6259 | 6293 | 6260 | 6259 | 6271 | 6275 | 6271 | 6251 | 6292 | 6254 | 6262 | | |
| Total ST-Oil | | 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 | |
| PKLG | U001 | 205 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 171 | 242 | 251 | 250 | 250 | 267 | 269 | 269 | 269 | 269 | 269 | 274 | 277 | 268 | 251 | 250 | 250 | 251 | 251 | 250 | 250 | 250 | 250 | 250 | 251 | 251 | 250 | 250 | 251 | 251 | 250 | 250 | 250 | 250 | 265 | | |
| PKLG | U002 | 220 | 163 | 147 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 176 | 258 | 279 | 282 | 282 | 281 | 281 | 282 | 282 | 281 | 281 | 281 | 281 | 281 | 264 | 260 | 258 | 259 | 259 | 259 | 259 | 259 | 259 | 259 | 258 | 258 | 258 | 258 | 258 | 258 | 258 | 258 | 258 | 276 | | | |
| Total ST-Gas | | 425 | 307 | 291 | 289 | 289 | 289 | 289 | 289 | 289 | 289 | 289 | 289 | 289 | 347 | 500 | 530 | 532 | 532 | 548 | 551 | 551 | 550 | 550 | 555 | 558 | 549 | 515 | 510 | 508 | 510 | 510 | 509 | 509 | 509 | 509 | 508 | 508 | 509 | 509 | 509 | 508 | 508 | 508 | 508 | 508 | 508 | 541 | | | |
| CBPS | GT1A | 98 | 98 | 97 | 87 | 87 | 88 | 88 | 88 | 88 | 88 | 87 | 88 | 88 | 87 | 88 | 87 | 81 | 97 | 98 | 98 | 98 | 98 | 98 | 99 | 97 | 97 | 95 | 96 | 95 | 94 | 95 | 94 | 95 | 94 | 96 | 88 | 88 | 92 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | | | |
| CBPS | GT1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 72 | 99 | 99 | 100 | 99 | 99 | 98 | 98 | 97 | 97 | 96 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 97 | 89 | 90 | 93 | 99 | 99 | 98 | 100 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | | |
| CBPS | ST1C | 48 | 48 | 48 | 42 | 42 | 41 | 42 | 41 | 41 | 41 | 41 | 41 | 41 | 42 | 37 | 102 | 104 | 105 | 104 | 104 | 103 | 104 | 104 | 103 | 103 | 103 | 102 | 100 | 100 | 100 | 100 | 99 | 101 | 103 | 95 | 93 | 95 | 104 | 104 | 104 | 104 | 104 | 105 | 104 | 104 | 104 | 104 | | | |
| GLGR | GT01 | 109 | 108 | 108 | 67 | 69 | 72 | 71 | 71 | 74 | 71 | 71 | 70 | 72 | 72 | 73 | 107 | 111 | 111 | 109 | 108 | 108 | 107 | 107 | 107 | 106 | 106 | 106 | 106 | 106 | 105 | 106 | 106 | 106 | 107 | 107 | 107 | 108 | 107 | 107 | 108 | 108 | 108 | 108 | 108 | 109 | 109 | 109 | | | |
| GLGR | GT02 | 113 | 112 | 110 | 70 | 74 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 77 | 76 | 76 | 112 | 115 | 114 | 114 | 113 | 112 | 111 | 111 | 111 | 109 | 109 | 109 | 110 | 110 | 110 | 110 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 112 | 112 | 112 | 112 | 112 | | |
| GLGR | ST1C | 100 | 101 | 100 | 68 | 62 | 61 | 61 | 60 | 60 | 60 | 60 | 61 | 61 | 58 | 60 | 59 | 82 | 98 | 101 | 101 | 102 | 100 | 100 | 100 | 100 | 100 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | | |
| KLPP | GT11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 25 | 25 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 0 | | |
| KLPP | GT12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 15 | 15 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 0 | |
| KLPP | GT13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 117 | 153 | 158 | 159 | 158 | 158 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 151 |
| KLPP | GT14 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 116 | 116 | 110 | 110 | 124 | 124 | 146 | 146 | 127 | 127 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 150 | | |
| KLPP | GT15 | 145 | 148 | 148 | 146 | 146 | 146 | 148 | 131 | 114 | 114 | 113 | 113 | 128 | 145 | 145 | 111 | 128 | 143 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 148 | 148 | 149 | 149 | 144 | 114 | 127 | 147 | 144 | 146 | 145 | 146 | 149 | 149 | 149 | 148 | 148 | 149 | 149 | | | |
| KLPP | ST17 | 134 | 135 | 143 | 138 | 134 | 135 | 135 | 135 | 135 | 118 | 121 | 118 | 118 | 129 | 141 | 141 | 125 | 184 | 200 | 225 | 233 | 231 | 231 | 232 | 232 | 230 | 230 | 229 | 227 | 231 | 231 | 231 | 232 | 232 | 232 | 232 | 222 | 209 | 209 | 231 | 231 | 232 | 232 | 231 | 228 | 232 | 228 | 208 | | |
| MPSS | GT01 | 94 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26 | 71 | 102 | 94 | 94 | 94 | 94 | 94 | 92 | 92 | 92 | 92 | 93 | 95 | 95 | 95 | 95 | 94 | 80 | 83 | 87 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 95 | 94 | 95 | 95 | | |
| MPSS | GT02 | 108 | 108 | 109 | 108 | 110 | 89 | 90 | 89 | 91 | 92 | 91 | 92 | 90 | 89 | 90 | 93 | 111 | 110 | 109 | 110 | 93 | 111 | 110 | 107 | 107 | 107 | 107 | 107 | 108 | 109 | 109 | 109 | 109 | 81 | 82 | 90 | 107 | 108 | 108 | 108 | 107 | 107 | 108 | 108 | 107 | 109 | 109 | 109 | | |
| MPSS | ST01 | 113 | 57 | 52 | 52 | 39 | 38 | 38 | 38 | 38 | 39 | 38 | 38 | 38 | 38 | 39 | 52 | 52 | 52 | 56 | 42 | 116 | 116 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 115 | 115 | 115 | 115 | 91 | 88 | 88 | 112 | 112 | 112 | 112 | 112 | 113 | 113 | 113 | 113 | | | |
| PAKA | GT1A | 89 | 89 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

