

Availability at Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 1,380 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Gas | 3,339 MW |
| Hydro | 1,844 MW |
| Distillate | 0 MW |
| Total TNB | 6,563 MW |
| Total IPP | 9,872 MW |
| Total Co-Gen | 0 MW |
| Total System | 16,720 MW |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|----------------|-----------------|
| ST-Coal | 31,680 | 11.62 % |
| Gas | 43,051 | 15.79 % |
| Hydro | 8,488 | 3.11 % |
| Total TNB | 83,219 | 30.51 % |
| ST-Coal | 106,929 | 39.21 % |
| Gas | 80,996 | 29.70 % |
| Total IPP | 187,925 | 68.90 % |
| Co-Gen | 1,017 | 0.37 % |
| Total Co-Gen | 1,017 | 0.37 % |
| Total Generation | 272,161 | 99.79 % |
| PLTG | 72 | 0.03 % |
| HVDC | -642 | -0.24 % |
| Interconnection | -570 | -0.21 % |
| Net Energy | 272,731 | 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: | 19:30:00 Hour |
| Total Set On Bus | 13,471 MW |
| TNB Generation | 4,153 MW |
| IPP Generation | 8,463 MW |
| Spinning Reserve | 812 MW |
| Maximum Demand | 12,722 MW |
| Net Energy | 272,731 MWH |
| Load Factor | 89.32 % |

Fuel Cost

| | |
|---------------|------------------|
| Total Cost: | 33,761,445.37 RM |
| Cost per Unit | 12.84 cents/kWH |

Average Spinning Reserve During Peak Hour

| Type | MW |
|--------------|------------|
| GT | 327 |
| Hydro | 101 |
| Syncon | 440 |
| Thermal | 13 |
| Total | 881 |

Time Weather Temperature

| Time | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Cloudy | 34 |
| Morning | Sunny | 25 |

Gas Usage

| Station | (mmscfd) |
|---------------------------|------------|
| CBPS | 7 |
| GLGR | 56 |
| PAKA | 116 |
| PGPS | 37 |
| SRDG | 3 |
| TJGS | 111 |
| Total TNB | 330 |
| KLPP | 102 |
| MPSS | 50 |
| PDPS | 3 |
| PGLA | 89 |
| PTEK | 3 |
| SGRI | 224 |
| SKSP | 48 |
| YPGS | 68 |
| YPKA | 34 |
| Total IPP | 620 |
| Total Gas | 951 |
| Total Gas Required | 951 |

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 | 12148 | 11553 | 11147 | 10862 | 10583 | 10446 | 10351 | 10188 | 9815 | 10427 | 11217 | 11669 | 11555 | 11590 | 11751 | 11621 | 11701 | 11473 | 11311 | 11992 | 12693 | 12430 | 12191 | 11850 |

Daily MW Generation on Sunday

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---|
| Total Gen | | 12126 | 11792 | 11552 | 11288 | 11090 | 10968 | 10780 | 10630 | 10537 | 10331 | 10413 | 10336 | 10291 | 10347 | 10238 | 10099 | 9899 | 10213 | 10396 | 10991 | 11239 | 11549 | 11665 | 11752 | 11571 | 11479 | 11513 | 11615 | 11745 | 11736 | 11556 | 11706 | 11660 | 11479 | 11459 | 11414 | 11374 | 11627 | 11952 | 12659 | 12583 | 12472 | 12451 | 12323 | 12166 | 11939 | 11801 | 11621 | | | | |
| 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 | 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 | |
| TIE-HVDC | | -29 | -30 | -30 | -29 | -29 | -29 | -30 | -30 | -30 | -29 | -29 | -29 | 29 | 30 | 32 | -88 | -28 | -28 | -28 | -30 | -28 | -28 | -31 | -29 | -29 | -28 | -30 | -29 | -30 | -30 | -29 | -28 | -31 | -30 | -30 | -28 | -30 | -28 | -30 | -29 | -30 | -30 | -29 | -30 | -29 | -29 | -29 | -29 | -29 | -29 | -29 | |
| TIE-PLTG | | 6 | 6 | 28 | 14 | -28 | 6 | -52 | -11 | -16 | -47 | -3 | 9 | -31 | -18 | 21 | -9 | 52 | 21 | -3 | 41 | 50 | 23 | 23 | 24 | 47 | -34 | -47 | 2 | 24 | 51 | -34 | 54 | -11 | -19 | 16 | 83 | 93 | 37 | -10 | -35 | -80 | 27 | 30 | -38 | 3 | -61 | -20 | -42 | -42 | -42 | | |
| Interconnection | | -22 | -24 | -1 | -15 | -57 | -23 | -82 | -41 | -46 | -77 | -33 | -20 | -60 | -47 | 50 | 21 | 84 | -67 | -31 | 13 | 22 | -8 | -4 | -4 | 16 | -63 | -77 | -26 | -6 | 21 | -65 | 24 | -41 | -46 | -14 | 54 | 63 | 10 | -40 | -63 | -110 | -2 | 1 | -68 | -25 | -89 | -49 | -71 | -71 | -71 | | |
| System Total | | 12148 | 11816 | 11553 | 11303 | 11147 | 10991 | 10862 | 10671 | 10583 | 10408 | 10446 | 10356 | 10351 | 10394 | 10188 | 10078 | 9815 | 10280 | 10427 | 10978 | 11217 | 11557 | 11669 | 11756 | 11555 | 11542 | 11590 | 11641 | 11751 | 11715 | 11621 | 11682 | 11701 | 11525 | 11473 | 11360 | 11311 | 11617 | 11992 | 12722 | 12693 | 12474 | 12430 | 12391 | 12191 | 12028 | 11850 | 11692 | 11692 | 11692 | | |
| SRev ST-Coal | | 19 | 8 | 16 | 47 | 4 | 11 | 15 | 5 | 160 | 172 | 163 | 137 | 271 | 308 | 428 | 557 | 574 | 553 | 369 | 26 | 71 | 18 | 22 | 20 | 34 | 6 | 11 | 0 | 19 | 18 | 18 | 16 | 10 | 8 | 28 | 38 | 38 | 14 | 7 | 9 | -1 | 25 | 38 | 16 | 16 | 17 | 26 | 4 | 4 | 4 | | |
| SRev OCGT-Gas | | 91 | 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 | 0 |
| SRev CCGT-Gas | | 238 | 168 | 330 | 187 | 201 | 228 | 330 | 462 | 478 | 660 | 596 | 692 | 641 | 639 | 619 | 539 | 873 | 591 | 672 | 613 | 609 | 483 | 393 | 312 | 410 | 568 | 508 | 442 | 288 | 282 | 454 | 310 | 379 | 528 | 539 | 568 | 589 | 395 | 250 | 193 | 381 | 420 | 390 | 470 | 360 | 270 | 292 | 520 | 520 | 520 | | |
| 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 | 0 | 0 |
| SRev Co-Gen | | 33 | 34 | 34 | 33 | 35 | 35 | 32 | 33 | 34 | 33 | 33 | 32 | 31 | 29 | 33 | 34 | 29 | 27 | 28 | 30 | 29 | 32 | 29 | 30 | 28 | 29 | 29 | 29 | 32 | 28 | 30 | 34 | 30 | 32 | 34 | 31 | 30 | 32 | 32 | 33 | 31 | 33 | 32 | 32 | 36 | 66 | 67 | 61 | 61 | 61 | | |
| Syncon | | 719 | 719 | 719 | 568 | 719 | 719 | 719 | 719 | 719 | 719 | 719 | 568 | 719 | 719 | 266 | 82 | 403 | 637 | 719 | 719 | 719 | 486 | 486 | 335 | 486 | 486 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 486 | 637 | 637 | 637 | 637 | 335 | 386 | 537 | 537 | 537 | 637 | 637 | 719 | 719 | 719 | 719 | | | |
| Hydro | | 122 | 104 | 71 | 234 | 149 | 137 | 222 | 99 | 78 | 91 | 82 | 90 | 103 | 353 | 215 | 188 | 195 | 451 | 262 | 171 | 111 | 118 | 110 | 100 | 119 | 231 | 101 | 80 | 81 | 101 | 107 | 99 | 86 | 98 | 236 | 244 | 114 | 127 | 104 | 144 | 401 | 93 | 146 | 102 | 81 | 102 | 105 | 85 | 85 | 85 | | |
| S.Reserve Total | | 1222 | 1033 | 1170 | 1069 | 1108 | 1130 | 1318 | 1318 | 1469 | 1675 | 1593 | 1670 | 1765 | 1897 | 2014 | 2037 | 1937 | 1704 | 1734 | 1477 | 1539 | 1370 | 1273 | 948 | 1077 | 1169 | 1135 | 1037 | 1057 | 1066 | 1246 | 1096 | 1142 | 1303 | 1323 | 1518 | 1408 | 1205 | 1030 | 812 | 1239 | 1114 | 1355 | 1163 | 1255 | 1092 | 1209 | 1389 | 1389 | 1389 | | |