

Availability at Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 0 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Gas | 3,546 MW |
| Hydro | 2,483 MW |
| Distillate | 0 MW |
| Total TNB | 6,029 MW |
| Total IPP | 14,627 MW |
| Total Co-Gen | 0 MW |
| Total System | 21,220 MW |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|----------------|-----------------|
| Gas | 37,722 | 11.49 % |
| Hydro | 21,588 | 6.58 % |
| Total TNB | 59,310 | 18.07 % |
| ST-Coal | 173,361 | 52.82 % |
| Gas | 92,877 | 28.30 % |
| Total IPP | 266,238 | 81.12 % |
| Co-Gen | 1,684 | 0.51 % |
| Total Co-Gen | 1,684 | 0.51 % |
| Total Generation | 327,232 | 99.71 % |
| PLTG | -260 | -0.08 % |
| HVDC | -698 | -0.21 % |
| Interconnection | -958 | -0.29 % |
| Net Energy | 328,190 | 100.00 % |

Maximum Demand Record

| | |
|-----------------|-------------|
| Date: 4/20/2016 | 17,788 MW |
| Date: 4/20/2016 | 372,457 MWH |

Set On Bus, TNB, IPP And MD

| | |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:00:00 Hour |
| Total Set On Bus | 16,600 MW |
| TNB Generation | 3,009 MW |
| IPP Generation | 12,303 MW |
| Spinning Reserve | 1,210 MW |
| Maximum Demand | 15,473 MW |
| Net Energy | 328,190 MWH |
| Load Factor | 88.38 % |

Fuel Cost

| | |
|---------------|------------------|
| Total Cost: | 51,947,719.35 RM |
| Cost per Unit | 16.99 cents/kWH |

Average Spinning Reserve During Peak Hour

| Type | MW |
|--------------|--------------|
| GT | 565 |
| Hydro | 342 |
| Syncon | 584 |
| Thermal | 159 |
| Total | 1,650 |

Time Weather Temperature

| Time | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot | 33 |
| Morning | Sunny | 26 |

Gas Usage

| Station | (mmscfd) |
|---------------------------|------------|
| GLGR | 53 |
| TJGS | 214 |
| Total TNB | 267 |
| KLPP | 95 |
| NPRI | 143 |
| PGLA | 104 |
| PLPS | 89 |
| PTEK | 2 |
| SGB3 | 27 |
| SGRI | 194 |
| SKSP | 47 |
| Total IPP | 702 |
| Total Gas | 969 |
| Total Gas Required | 969 |

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 | 13029 | 12536 | 12084 | 11773 | 11514 | 11428 | 11713 | 11867 | 12134 | 13571 | 14367 | 15005 | 14998 | 14630 | 14819 | 15436 | 15473 | 15271 | 14272 | 14080 | 14997 | 14732 | 14114 | 13727 |

Daily MW Generation on Friday

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| System Total | | 13029 | 12821 | 12536 | 12216 | 12084 | 11887 | 11773 | 11653 | 11514 | 11405 | 11428 | 11470 | 11713 | 11910 | 11867 | 11981 | 12134 | 13068 | 13571 | 14134 | 14367 | 14727 | 15005 | 15159 | 14998 | 14844 | 14630 | 14598 | 14819 | 15115 | 15436 | 15451 | 15473 | 15393 | 15271 | 14794 | 14272 | 14065 | 14080 | 14701 | 14997 | 15003 | 14732 | 14521 | 14114 | 14032 | 13727 | 13606 | |
| SRev ST-Coal | | 276 | 252 | 259 | 501 | 509 | 441 | 554 | 545 | 547 | 547 | 552 | 552 | 549 | 542 | 255 | 261 | 261 | 204 | 124 | 101 | 120 | 137 | 126 | 144 | 135 | 214 | 248 | 258 | 260 | 153 | 133 | 130 | 144 | 134 | 139 | 214 | 280 | 269 | 274 | 227 | 130 | 127 | 255 | 262 | 273 | 262 | 266 | 272 | |
| 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 CCGT-Gas | | 721 | 724 | 978 | 1030 | 983 | 1211 | 1368 | 1545 | 1574 | 1713 | 1663 | 1668 | 1408 | 1210 | 1582 | 1368 | 1462 | 1178 | 1145 | 771 | 744 | 639 | 567 | 494 | 766 | 726 | 536 | 562 | 435 | 494 | 347 | 357 | 345 | 413 | 563 | 656 | 937 | 1050 | 1058 | 496 | 492 | 509 | 536 | 563 | 564 | 576 | 708 | 532 | |
| 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 |
| SRev Co-Gen | | -56 | -61 | -59 | -60 | -62 | -59 | -61 | -32 | -29 | -31 | -31 | -31 | -30 | -31 | -31 | -32 | -30 | -34 | -34 | -33 | -30 | -36 | -39 | -58 | -59 | -60 | -58 | -56 | -57 | -59 | -57 | -57 | -56 | -57 | -57 | -58 | -58 | -58 | -59 | -59 | -60 | -59 | -59 | -59 | -59 | -59 | -60 | | |
| Syncon | | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | |
| Hydro | | 58 | 19 | 17 | 26 | 67 | 68 | 67 | 67 | 68 | 69 | 70 | 197 | 64 | 57 | 71 | 67 | 67 | 71 | 80 | 195 | 492 | 328 | 262 | 325 | 235 | 402 | 328 | 342 | 453 | 525 | 336 | 357 | 353 | 352 | 353 | 358 | 362 | 371 | 376 | 346 | 355 | 357 | 382 | 389 | 366 | 400 | 362 | 271 | |
| S.Reserve Total | | 2100 | 2035 | 2296 | 2598 | 2598 | 2762 | 3029 | 3226 | 3261 | 3399 | 3355 | 3336 | 3091 | 2880 | 2978 | 2766 | 2859 | 2524 | 2416 | 2134 | 2127 | 1878 | 1718 | 1536 | 1690 | 1895 | 1851 | 1903 | 1704 | 1540 | 1182 | 1212 | 1210 | 1268 | 1423 | 1596 | 1946 | 2057 | 2075 | 1435 | 1351 | 1357 | 1539 | 1580 | 1569 | 1604 | 1889 | 1778 | |