

## Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,253 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,253 MW  |
| Total IPP    | 18,212 MW |
| Total Co-Gen | 0 MW      |
| Total System | 24,212 MW |

## Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 20,379         | 5.54 %          |
| Gas                     | 52,708         | 14.33 %         |
| <b>Total TNB</b>        | <b>73,087</b>  | <b>19.88 %</b>  |
| ST-Coal                 | 181,406        | 49.34 %         |
| LSS                     | 5,318          | 1.45 %          |
| Gas                     | 106,642        | 29.00 %         |
| <b>Total IPP</b>        | <b>293,366</b> | <b>79.79 %</b>  |
| Co-Gen                  | 926            | 0.25 %          |
| <b>Total Co-Gen</b>     | <b>926</b>     | <b>0.25 %</b>   |
| <b>Total Generation</b> | <b>367,379</b> | <b>99.92 %</b>  |
| PLTG                    | 1,496          | 0.41 %          |
| HVDC                    | -1,805         | -0.49 %         |
| <b>Interconnection</b>  | <b>-309</b>    | <b>-0.08 %</b>  |
| <b>Net Energy</b>       | <b>367,688</b> | <b>100.00 %</b> |

## Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 5/24/2022 | 19,183 MW   |
| Date: 5/24/2022 | 398,523 MWH |

## Set On Bus, TNB, IPP And MD

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:00:00 Hour |
| Total Set On Bus              | 18,581 MW     |
| TNB Generation                | 3,471 MW      |
| IPP Generation                | 13,696 MW     |
| Spinning Reserve              | 1,370 MW      |
| Maximum Demand                | 17,235 MW     |
| Net Energy                    | 367,688 MWH   |
| Load Factor                   | 88.89 %       |

## Fuel Cost

|               |                   |
|---------------|-------------------|
| Total Cost:   | 116,195,784.11 RM |
| Cost per Unit | 31.58 cents/kWH   |

## Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 682          |
| Hydro        | 341          |
| Syncon       | 469          |
| Thermal      | 204          |
| <b>Total</b> | <b>1,696</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 35          |
| Morning   | Sunny   | 28          |

## Gas Usage

| Station                   | (mmscfd)     |
|---------------------------|--------------|
| GLGR                      | 45           |
| TJGS                      | 94           |
| <b>Total TNB</b>          | <b>139</b>   |
| CBPS                      | 41           |
| EMPP                      | 309          |
| NPRI                      | 79           |
| PCGP                      | 88           |
| PGLA                      | 90           |
| PLPS                      | 51           |
| SKSP                      | 48           |
| SPGP                      | 209          |
| <b>Total IPP</b>          | <b>913</b>   |
| <b>Total Gas</b>          | <b>1,053</b> |
| <b>Total Gas Required</b> | <b>1,053</b> |

## Alternate Fuel Usage

| Station      | (mmscfd) |
|--------------|----------|
| <b>Total</b> | <b>0</b> |

## 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 | 15076 | 14315 | 13770 | 13434 | 13038 | 13003 | 13190 | 13218 | 13420 | 15032 | 15709 | 16307 | 16510 | 16107 | 16459 | 17052 | 17235 | 16975 | 16105 | 16129 | 16921 | 16656 | 16166 | 15927 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, October 5, 2022 9:20:44 AM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

# 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 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |    |    |
|---------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|----|----|
| JMAH          | U001 | 211   | 216  | 214  | 213  | 215  | 214  | 214  | 214  | 213  | 214  | 214  | 215  | 215  | 219  | 213  | 214  | 213  | 218  | 216  | 217  | 344  | 487  | 701  | 706  | 708  | 709  | 704  | 707  | 706  | 701  | 718  | 707  | 704  | 706  | 704  | 704  | 707  | 701  | 708  | 705  | 703  |      |      |      |      |      |      |      |     |    |    |
| JMAH          | U002 | 692   | 451  | 291  | 212  | 215  | 213  | 214  | 212  | 213  | 214  | 214  | 213  | 214  | 214  | 214  | 212  | 397  | 618  | 693  | 706  | 700  | 698  | 710  | 698  | 701  | 704  | 697  | 697  | 691  | 695  | 696  | 698  | 701  | 701  | 698  | 696  | 700  | 702  | 688  | 701  | 702  | 692  | 701  | 694  | 703  |      |      |      |     |    |    |
| JMHE          | U001 | 974   | 928  | 926  | 897  | 900  | 853  | 847  | 851  | 851  | 855  | 852  | 850  | 851  | 849  | 850  | 852  | 850  | 945  | 974  | 977  | 980  | 969  | 976  | 975  | 978  | 976  | 974  | 973  | 981  | 978  | 975  | 978  | 981  | 977  | 974  | 978  | 979  | 976  | 976  | 978  | 979  | 975  | 973  | 975  | 976  | 972  | 973  |      |     |    |    |
| JMJG          | U001 | 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    | 18   | 145  | 266  | 321  | 363  | 437  | 452  | 503  | 527  | 551  | 551  | 630  | 682  | 687  | 677  |      |      |      |     |    |    |
| JMJG          | U002 | 671   | 680  | 677  | 677  | 680  | 678  | 670  | 672  | 675  | 678  | 673  | 671  | 673  | 674  | 674  | 619  | 596  | 596  | 640  | 667  | 669  | 669  | 673  | 668  | 670  | 667  | 673  | 667  | 665  | 671  | 671  | 672  | 618  | 582  | 582  | 577  | 595  | 612  | 671  | 682  | 674  | 673  | 671  | 677  | 673  | 679  | 672  | 678  |     |    |    |
| JMJG          | U003 | 672   | 671  | 678  | 678  | 672  | 671  | 668  | 673  | 672  | 673  | 673  | 658  | 668  | 672  | 668  | 669  | 671  | 669  | 673  | 672  | 671  | 669  | 669  | 672  | 671  | 669  | 630  | 596  | 595  | 596  | 597  | 595  | 620  | 602  | 598  | 608  | 624  | 628  | 640  | 644  | 644  | 651  | 650  | 640  | 652  | 653  | 644  | 645  |     |    |    |
| JMJG          | U004 | 973   | 956  | 930  | 906  | 902  | 891  | 855  | 856  | 853  | 854  | 855  | 855  | 854  | 854  | 856  | 851  | 854  | 881  | 936  | 954  | 968  | 977  | 976  | 977  | 973  | 974  | 975  | 975  | 977  | 977  | 976  | 977  | 977  | 976  | 977  | 978  | 977  | 975  | 976  | 976  | 978  | 979  | 975  | 976  | 976  | 978  | 975  |      |     |    |    |
| JMJG          | U005 | 978   | 947  | 929  | 898  | 901  | 891  | 843  | 849  | 860  | 861  | 862  | 858  | 860  | 860  | 852  | 851  | 854  | 932  | 976  | 982  | 986  | 978  | 983  | 978  | 979  | 982  | 977  | 978  | 983  | 974  | 985  | 976  | 979  | 977  | 982  | 975  | 971  | 975  | 979  | 976  | 976  | 974  | 976  | 976  | 975  | 975  | 975  | 975  |     |    |    |
| PKLG          | U006 | 448   | 448  | 446  | 446  | 416  | 347  | 279  | 268  | 269  | 269  | 269  | 269  | 267  | 269  | 268  | 269  | 268  | 268  | 268  | 269  | 268  | 269  | 269  | 268  | 268  | 269  | 269  | 317  | 414  | 448  | 449  | 446  | 448  | 449  | 448  | 449  | 448  | 449  | 452  | 450  | 449  | 0    | 0    | 0    | 0    | 0    | 0    |      |     |    |    |
| TBIN          | U002 | 695   | 693  | 698  | 701  | 699  | 699  | 701  | 411  | 211  | 211  | 212  | 212  | 211  | 213  | 211  | 212  | 211  | 401  | 624  | 703  | 703  | 700  | 702  | 702  | 701  | 702  | 699  | 700  | 702  | 702  | 702  | 702  | 701  | 700  | 701  | 702  | 700  | 701  | 705  | 702  | 702  | 701  | 702  | 702  | 699  | 701  | 701  | 697  |     |    |    |
| TBIN          | U003 | 696   | 694  | 697  | 526  | 292  | 208  | 209  | 212  | 211  | 211  | 211  | 214  | 211  | 266  | 468  | 609  | 697  | 697  | 701  | 697  | 700  | 700  | 698  | 700  | 699  | 696  | 700  | 698  | 699  | 699  | 701  | 699  | 699  | 699  | 703  | 699  | 699  | 697  | 698  | 699  | 699  | 699  | 697  | 702  | 699  | 698  | 698  | 698  |     |    |    |
| TBIN          | U004 | 874   | 873  | 872  | 875  | 875  | 855  | 852  | 855  | 854  | 853  | 850  | 852  | 854  | 855  | 855  | 852  | 855  | 871  | 869  | 874  | 873  | 872  | 872  | 873  | 875  | 873  | 873  | 873  | 873  | 871  | 873  | 873  | 875  | 876  | 873  | 873  | 873  | 875  | 872  | 874  | 875  | 874  | 874  | 874  | 873  | 874  |      |      |     |    |    |
| Total ST-Coal |      | 7884  | 7557 | 7358 | 7029 | 6767 | 6520 | 6352 | 6073 | 5882 | 5893 | 5885 | 5867 | 5877 | 5939 | 6128 | 6212 | 6284 | 6687 | 7088 | 7406 | 7656 | 7708 | 7738 | 7727 | 7730 | 7733 | 7685 | 7774 | 7981 | 8282 | 8331 | 8322 | 8301 | 8252 | 8389 | 8511 | 8593 | 8666 | 8807 | 8840 | 8882 | 8897 | 8481 | 8479 | 8546 | 8623 | 8599 | 8598 |     |    |    |
| 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    |      |     |    |    |
| Total 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    |     |    |    |
| CBPS          | BLK2 | 266   | 197  | 191  | 193  | 196  | 201  | 200  | 201  | 201  | 201  | 201  | 257  | 222  | 199  | 201  | 254  | 258  | 253  | 264  | 270  | 273  | 273  | 271  | 266  | 262  | 273  | 271  | 265  | 269  | 273  | 273  | 271  | 264  | 266  | 200  | 195  | 232  | 273  | 271  | 267  | 264  | 267  | 267  | 266  | 268  | 256  |      |      |     |    |    |
| EMPP          | BLK1 | 683   | 689  | 681  | 681  | 690  | 710  | 709  | 709  | 711  | 712  | 710  | 711  | 711  | 711  | 710  | 696  | 698  | 710  | 703  | 708  | 641  | 704  | 711  | 710  | 709  | 711  | 709  | 697  | 709  | 711  | 700  | 706  | 709  | 710  | 712  | 701  | 706  | 710  | 677  | 690  | 711  | 696  | 691  | 685  | 694  | 694  | 692  | 701  | 674 |    |    |
| EMPP          | BLK2 | 700   | 702  | 698  | 698  | 704  | 711  | 709  | 709  | 711  | 712  | 711  | 711  | 711  | 710  | 696  | 698  | 710  | 703  | 708  | 641  | 704  | 711  | 710  | 709  | 711  | 709  | 697  | 709  | 711  | 700  | 706  | 709  | 710  | 712  | 701  | 706  | 712  | 693  | 701  | 711  | 710  | 705  | 699  | 704  | 706  | 706  | 706  | 691  |     |    |    |
| EMPP          | BLK3 | 683   | 686  | 682  | 683  | 692  | 710  | 709  | 709  | 711  | 713  | 711  | 711  | 710  | 709  | 682  | 679  | 709  | 690  | 697  | 653  | 704  | 710  | 709  | 709  | 712  | 709  | 697  | 710  | 710  | 700  | 706  | 710  | 710  | 710  | 701  | 706  | 713  | 677  | 691  | 711  | 695  | 690  | 685  | 694  | 694  | 692  | 699  | 674  |     |    |    |
| GLGR          | GT01 | 66    | 67   | 66   | 66   | 67   | 68   | 66   | 67   | 67   | 65   | 67   | 65   | 65   | 67   | 67   | 67   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 65   | 64   | 65   | 66   | 66   | 66   | 65   | 67   | 67   | 66   | 64   | 65   | 65   | 66   | 65   | 67   | 65   | 65   | 66   | 65   | 65   |      |     |    |    |
| GLGR          | GT02 | 66    | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 65   | 66   | 66   | 66   | 65   | 66   | 66   | 65   | 65   | 66   | 66   | 66   | 66   |      |      |     |    |    |
| GLGR          | ST1C | 70    | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 71   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 69   | 70   | 70   | 70   | 71   | 70   | 71   | 70   | 71   | 70   | 71   | 70   | 70   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   |      |     |    |    |
| NPRI          | BLK2 | 512   | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 512  | 301  | 380  | 518  | 517  | 511  | 508  | 512  | 515  | 512  | 514  | 502  |      |      |     |    |    |
| PCGP          | PGRG | 582   | 590  | 577  | 580  | 590  | 603  | 597  | 602  | 609  | 603  | 605  | 602  | 603  | 604  | 574  | 596  | 597  | 592  | 593  | 579  | 581  | 607  | 601  | 602  | 597  | 589  | 575  | 603  | 599  | 580  | 589  | 601  | 605  | 598  | 586  | 585  | 593  | 582  | 601  | 600  | 593  | 588  | 579  | 588  | 592  | 592  | 596  | 568  |     |    |    |
| PGLA          | GT11 | 132   | 132  | 132  | 132  | 132  | 132  | 133  | 133  | 133  | 133  | 133  | 132  | 132  | 131  | 131  | 132  | 133  | 217  | 215  | 209  | 189  | 132  | 132  | 164  | 169  | 133  | 132  | 134  | 132  | 133  | 132  | 179  | 189  | 185  | 133  | 133  | 132  | 133  | 216  | 216  | 214  | 212  | 134  | 133  | 132  | 132  | 132  |      |     |    |    |
| PGLA          | GT12 | 136   | 135  | 136  | 136  | 135  | 136  | 136  | 136  | 136  | 136  | 136  | 137  | 136  | 136  | 136  | 137  | 136  | 221  | 223  | 223  | 194  | 135  | 136  | 167  | 172  | 137  | 136  | 136  | 137  | 136  | 136  | 137  | 182  | 192  | 188  | 136  | 137  | 135  | 136  | 219  | 219  | 218  | 216  | 138  | 135  | 136  | 136  |      |     |    |    |
| PGLA          | ST10 | 179   | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 179  | 180  | 179  | 179  | 179  | 226  | 236  | 236  | 228  | 180  | 180  | 190  | 204  | 180  | 181  | 181  | 181  | 180  | 180  | 200  | 217  | 215  | 178  | 181  | 180  | 180  | 240  | 238  | 235  | 238  | 176  | 180  | 180  | 180  | 180  |      |     |    |    |
| PLPS          | GT11 | 128   | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 128  | 127  | 126  | 130  | 130  | 126  | 111  | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 65   | 66   |      |     |    |    |
| PLPS          | GT13 | 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    | 69   | 135  | 137  | 140  | 141  | 139  | 136  | 108  | 110  | 109  | 112  | 111  | 112  | 108  | 109  | 112  | 111  | 111 | 63 | 63 |
| PLPS          | ST18 | 61    | 60   | 59   | 58   | 58   | 57   | 58   | 59   | 57   | 58   | 57   | 57   | 57   | 57   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 111  | 141  | 140  | 141  | 142  | 140  | 137  | 130  | 133  | 130  | 132  | 132  | 132  | 132  | 131  | 133  | 131  | 133  | 93  | 93 |    |
| SKSP          | BLK1 | 220   | 219  | 219  | 218  | 218  | 221  | 220  | 220  | 220  | 219  | 223  | 217  | 218  | 220  | 217  | 217  | 218  | 220  | 219  | 219  | 225  | 336  | 338  | 336  | 337  | 328  | 330  | 337  | 336  | 301  | 334  | 311  | 336  | 296  | 219  | 218  | 219  | 219  | 220  | 232  | 216  | 220  | 218  | 216  | 220  | 218  | 283  | 218  |     |    |    |
| SPGP          | BLK1 | 713</ |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |    |    |

# 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 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| HTRG             | HY03 | 3    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |
| KNRG             | HY02 | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   |
| KNRG             | HY03 | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   |
| KNYR             | HY01 | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   |
| KNYR             | HY02 | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   |
| KNYR             | HY03 | 102  | 102  | 102  | 101  | 101  | 100  | 100  | 100  | 100  | 100  | 101  | 101  | 102  | 59   | 60   | 102  | 102  | 101  | 59   | 100  | 99   | 99   | 99   | 99   |
| KNYR             | HY04 | 102  | 101  | 101  | 101  | 101  | 101  | 102  | 101  | 101  | 101  | 101  | 101  | 101  | 58   | 59   | 101  | 101  | 101  | 101  | 101  | 101  | 101  | 101  | 101  |
| LPIA             | HY01 | 17   | 17   | 17   | 17   | 17   | 17   | 17   | 17   | 17   | 17   | 17   | 17   | 14   | 14   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 16   | 16   | 16   |
| LPIA             | HY02 | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 12   | 12   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   |
| MNOR             | HY01 | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |
| PGAU             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 20   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 21   | -1   | -1   | -1   | -1   | -1   |
| PGAU             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   |
| SIHY             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 30   | 30   | 30   | 30   | 51   | 51   |
| SIHY             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 30   | 30   | 31   | 30   | 50   | 50   |
| SIHY             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 18   | 30   | 30   | 30   | 50   | 50   |
| SYPS             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 17   | 17   | 17   | 17   | 17   | 11   |
| SYPS             | HY04 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 17   | 17   | 17   | 17   | 17   | 17   |
| TMGR             | HY01 | -1   | -1   | -1   | 0    | 0    | -1   | 0    | 0    | 0    | 0    | -1   | 82   | 82   | 0    | 0    | 0    | -1   | 0    | 0    | 20   | 81   | 81   | 81   | 81   |
| TMGR             | HY02 | 33   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   |
| TMGR             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 61   | 32   |
| TMGR             | HY04 | 40   | 41   | 39   | 39   | 41   | 41   | 43   | 43   | 80   | 42   | 80   | 76   | 79   | 38   | 41   | 48   | 79   | 80   | 76   | 39   | 79   | 76   | 78   | 45   |
| UJLI             | 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    |
| UJLI             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 95   | 93   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 93   | 93   | 88   | 85   | -1   |
| UPIA             | HY01 | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| UPIA             | HY02 | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| Total Hydro      |      | 702  | 668  | 602  | 615  | 616  | 614  | 618  | 618  | 655  | 638  | 654  | 650  | 861  | 859  | 641  | 497  | 508  | 622  | 625  | 746  | 628  | 910  | 1064 | 1191 |
| Total Distillate |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BDLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 3    | 5    | 8    | 16   | 18   | 21   | 27   | 25   | 26   | 29   |
| BKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 5    | 10   | 19   | 19   | 24   | 23   | 22   | 32   | 18   |
| BSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 22   | 23   | 26   | 23   | 31   | 3    |
| CHLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 6    | 16   | 21   | 27   | 30   | 39   | 24   | 42   | 43   | 48   |
| GBLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 7    | 14   | 21   | 27   | 32   | 32   | 23   | 41   | 44   | 21   |
| GELS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 5    | 10   | 11   | 18   | 21   | 24   | 13   | 26   | 13   | 18   |
| JELS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 2    | 6    | 12   | 16   | 21   | 24   | 17   | 21   | 29   | 25   |
| JSLs             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 11   | 15   | 22   | 24   | 22   | 15   | 16   | 50   | 27   | 33   | 43   |
| KDLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 6    | 23   | 20   | 57   | 37   | 53   | 54   | 16   | 88   | 26   |
| KKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 4    | 6    | 5    | 26   | 30   | 29   | 17   | 22   | 30   | 3    |
| KMLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 2    | 2    | 7    | 18   | 11   | 22   | 21   | 19   | 5    | 13   |
| KNLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 94   | 100  | 42   | 33   |
| KRLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 3    | 5    | 8    | 14   | 27   | 28   | 23   | 22   | 29   | 15   |
| MCLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 8    | 7    | 14   | 34   | 35   | 17   | 43   | 38   | 49   | 37   |
| MNLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 15   | 49   | 35   | 89   | 92   | 92   | 57   | 64   | 93   | 97   | 93   |
| PKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 21   | 41   | 62   | 72   | 89   | 103  | 50   | 108  | 112  | 86   |      |
| SPLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 11   | 18   | 21   | 32   | 40   | 51   | 20   | 52   | 11   | 16   |
| SSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 10   | 7    | 11   | 12   | 28   | 35   | 39   | 42   | 43   | 38   |
| STLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 12   | 5    | 23   | 19   | 10   | 13   | 27   | 11   | 18   | 17   |
| TBLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 9    | 17   | 24   | 30   | 30   | 30   | 30   | 30   | 30   | 29   |

### 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  |       |     |    |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----|
| Total LSS       |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 43    | 160   | 240   | 365   | 553   | 618   | 634   | 550   | 809   | 842   | 615   | 577   | 555   | 543   | 582   | 647   | 630   | 565   | 483   | 274   | 197   | 102   | 48    | 8     | 5     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |     |    |
| KHTC            | BLK1 | 1     | 3     | 2     | 3     | 2     | 3     | 3     | 4     | 2     | 4     | 2     | 4     | 2     | 3     | 2     | 4     | 4     | 3     | 2     | 3     | 4     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 2     | 1     | 1     | 4     | 3     | 3     | 2     | 3     |     |    |
| PCUF            | CUFG | 17    | 18    | 17    | 16    | 18    | 17    | 17    | 19    | 16    | 17    | 18    | 18    | 18    | 18    | 17    | 17    | 17    | 18    | 18    | 17    | 18    | 17    | 17    | 17    | 19    | 16    | 17    | 18    | 15    | 18    | 17    | 17    | 18    | 16    | 18    | 16    | 17    | 18    | 18    | 19    | 18    | 18    | 17    | 17    | 18    | 18    | 17    |       |     |    |
| PCUF            | CUFK | 28    | 27    | 25    | 5     | 4     | 6     | 5     | 6     | 5     | 6     | 5     | 4     | 1     | 5     | 4     | 3     | 3     | 5     | 27    | 27    | 26    | 25    | 27    | 24    | 26    | 26    | 25    | 25    | 27    | 26    | 28    | 25    | 26    | 25    | 26    | 25    | 26    | 27    | 26    | 29    | 28    | 28    | 27    | 26    | 27    | 27    | 27    |       |     |    |
| Total Co-Gen    |      | 46    | 48    | 44    | 24    | 24    | 26    | 25    | 28    | 24    | 26    | 24    | 23    | 25    | 25    | 23    | 24    | 26    | 47    | 47    | 48    | 42    | 44    | 41    | 45    | 42    | 42    | 44    | 45    | 44    | 45    | 42    | 44    | 41    | 43    | 42    | 44    | 44    | 47    | 48    | 48    | 46    | 44    | 48    | 47    | 47    | 47    | 47    |       |     |    |
| Total Gen       |      | 14993 | 14589 | 14270 | 13941 | 13729 | 13560 | 13384 | 13114 | 12983 | 12964 | 12974 | 12941 | 13161 | 13430 | 13157 | 13076 | 13364 | 14403 | 14989 | 15365 | 15668 | 16037 | 16206 | 16650 | 16450 | 16215 | 16433 | 16838 | 17023 | 17084 | 17211 | 17204 | 16959 | 16531 | 16109 | 15798 | 16115 | 16939 | 16926 | 16853 | 16658 | 16446 | 16159 | 16017 | 15895 | 15558 |       |       |     |    |
| 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     |       |       |     |    |
| TIE-HVDC        |      | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  | -100  |       |     |    |
| TIE-PLTG        |      | -25   | 3     | 14    | 14    | 14    | 14    | -5    | -5    | -5    | -5    | 23    | 23    | 23    | 23    | -8    | -8    | -8    | -3    | -3    | 80    | 80    | 80    | -8    | 20    | 64    | 64    | 95    | 95    | 95    | 95    | 116   | 92    | 91    | 97    | 127   | 105   | 156   | 125   | 136   | 107   | 113   | 126   | 121   | 123   | 95    | 114   | 88    | 89    | 161 |    |
| Interconnection |      | -55   | -27   | -16   | -16   | -16   | -16   | -35   | -35   | -35   | -35   | -7    | -7    | -7    | -7    | -38   | -38   | -38   | -33   | -103  | -20   | -20   | -20   | -108  | -80   | -36   | -36   | -5    | -5    | -5    | -5    | -5    | 16    | -8    | -9    | -3    | 27    | 5     | 56    | 25    | 36    | 7     | 13    | 26    | 21    | 23    | -5    | 14    | -12   | -11 | 61 |
| System Total    |      | 15076 | 14644 | 14315 | 13985 | 13770 | 13591 | 13434 | 13164 | 13038 | 13023 | 13003 | 12972 | 13190 | 13490 | 13218 | 13139 | 13420 | 14529 | 15032 | 15407 | 15709 | 16162 | 16307 | 16708 | 16510 | 16243 | 16107 | 16177 | 16459 | 16843 | 17052 | 17114 | 17235 | 17198 | 16975 | 16496 | 16105 | 15783 | 16129 | 16947 | 16921 | 16853 | 16656 | 16472 | 16166 | 16050 | 15927 | 15518 |     |    |
| SRev ST-Coal    |      | 200   | 353   | 390   | 527   | 559   | 601   | 616   | 675   | 674   | 672   | 677   | 691   | 681   | 675   | 678   | 668   | 617   | 525   | 447   | 318   | 293   | 247   | 220   | 231   | 230   | 226   | 236   | 275   | 258   | 181   | 132   | 141   | 159   | 151   | 184   | 142   | 220   | 217   | 156   | 123   | 81    | 166   | 139   | 141   | 164   | 87    | 111   | 112   |     |    |
| 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     |       |     |    |
| SRev CCGT-Gas   |      | 1071  | 1116  | 1166  | 1159  | 1110  | 1032  | 1043  | 1037  | 1010  | 1025  | 1021  | 1031  | 1034  | 825   | 1067  | 1132  | 1044  | 604   | 568   | 819   | 714   | 689   | 622   | 550   | 544   | 689   | 771   | 654   | 764   | 771   | 715   | 664   | 518   | 535   | 700   | 879   | 1126  | 1453  | 1241  | 542   | 590   | 667   | 699   | 850   | 987   | 1074  | 1121  | 1336  |     |    |
| 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     |     |    |
| SRev LSS        |      | 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     |     |    |
| Syncon          |      | 703   | 791   | 917   | 829   | 829   | 917   | 829   | 829   | 829   | 678   | 917   | 917   | 491   | 642   | 829   | 829   | 829   | 917   | 829   | 577   | 577   | 338   | 489   | 302   | 676   | 489   | 489   | 525   | 489   | 489   | 489   | 489   | 302   | 302   | 302   | 489   | 489   | 489   | 489   | 302   | 302   | 302   | 323   | 676   | 676   | 676   | 676   | 928   |     |    |
| Hydro           |      | 210   | 156   | 96    | 108   | 107   | 108   | 105   | 105   | 68    | 236   | 68    | 72    | 287   | 162   | 106   | 250   | 239   | 124   | 122   | 253   | 371   | 415   | 296   | 356   | 228   | 278   | 246   | 324   | 195   | 322   | 308   | 269   | 391   | 247   | 257   | 450   | 414   | 417   | 416   | 509   | 511   | 520   | 464   | 340   | 356   | 227   | 230   | 111   |     |    |
| S.Reserve Total |      | 2184  | 2416  | 2569  | 2710  | 2692  | 2658  | 2680  | 2733  | 2668  | 2698  | 2683  | 2711  | 2493  | 2304  | 2767  | 2966  | 2816  | 2170  | 2053  | 2054  | 2042  | 1689  | 1627  | 1439  | 1678  | 1682  | 1742  | 1778  | 1706  | 1763  | 1644  | 1563  | 1370  | 1235  | 1443  | 1960  | 2249  | 2576  | 2302  | 1476  | 1484  | 1655  | 1625  | 2007  | 2183  | 2064  | 2138  | 2487  |     |    |