

## Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,511 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,511 MW  |
| Total IPP    | 16,708 MW |
| Total Co-Gen | 0 MW      |
| Total System | 22,042 MW |

## Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 20,429         | 5.71 %          |
| Gas                     | 52,284         | 14.61 %         |
| <b>Total TNB</b>        | <b>72,713</b>  | <b>20.31 %</b>  |
| ST-Coal                 | 212,784        | 59.44 %         |
| LSS                     | 1,926          | 0.54 %          |
| Gas                     | 71,518         | 19.98 %         |
| <b>Total IPP</b>        | <b>286,228</b> | <b>79.96 %</b>  |
| Co-Gen                  | 271            | 0.08 %          |
| <b>Total Co-Gen</b>     | <b>271</b>     | <b>0.08 %</b>   |
| <b>Total Generation</b> | <b>359,212</b> | <b>100.35 %</b> |
| PLTG                    | 532            | 0.15 %          |
| HVDC                    | 715            | 0.20 %          |
| <b>Interconnection</b>  | <b>1,247</b>   | <b>0.35 %</b>   |
| <b>Net Energy</b>       | <b>357,965</b> | <b>100.00 %</b> |

## Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 3/10/2020 | 18,808 MW   |
| Date: 3/10/2020 | 394,238 MWH |

## Set On Bus, TNB, IPP And MD

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 14:30:00 Hour |
| Total Set On Bus              | 17,931 MW     |
| TNB Generation                | 3,949 MW      |
| IPP Generation                | 12,902 MW     |
| Spinning Reserve              | 1,074 MW      |
| Maximum Demand                | 16,837 MW     |
| Net Energy                    | 357,965 MWH   |
| Load Factor                   | 88.59 %       |

## Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 42,303,879.75 RM |
| Cost per Unit | 11.77 cents/kWH  |

## Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 335          |
| Hydro        | 706          |
| Syncon       | 398          |
| Thermal      | 198          |
| <b>Total</b> | <b>1,637</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 32          |
| Morning   | Sunny   | 28          |

## Gas Usage

| Station          | (mmcsfd)   |
|------------------|------------|
| GLGR             | 31         |
| SRDG             | 3          |
| TJGS             | 192        |
| <b>Total TNB</b> | <b>226</b> |
| CBPS             | 50         |
| NPRI             | 157        |
| PGLA             | 104        |
| PLPS             | 61         |
| YPKA             | 24         |
| <b>Total IPP</b> | <b>395</b> |
| <b>Total Gas</b> | <b>620</b> |

**Total Gas Required 620**

## Alternate Fuel Usage

| Station      | (mmcsfd) |
|--------------|----------|
| <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 | 14562 | 14005 | 13481 | 13093 | 12731 | 12585 | 12720 | 12915 | 13320 | 14956 | 15554 | 16160 | 16096 | 15876 | 16550 | 16831 | 16663 | 16168 | 15415 | 15795 | 16124 | 15859 | 15282 | 14908 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, January 5, 2021 10:16:35 AM Head  
Grid System Operator

(Ir. Shanmugam Thoppalan)

# Daily MW Generation on Thursday

| 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 | 689  | 693  | 694  | 691  | 693  | 692  | 620  | 504  | 447  | 451  | 449  | 455  | 450  | 450  | 450  | 472  | 556  | 603  | 691  | 692  | 692  | 692  | 693  | 693  | 692  | 692  | 692  | 692  | 692  | 692  | 692  | 692  | 691  | 692  | 694  | 692  | 693  | 691  |      |      |      |      |      |      |      |      |      |      |     |     |
| JMAH          | U002 | 691  | 692  | 691  | 692  | 691  | 695  | 633  | 502  | 446  | 453  | 451  | 452  | 453  | 452  | 454  | 470  | 558  | 601  | 695  | 696  | 697  | 692  | 694  | 703  | 693  | 697  | 693  | 692  | 694  | 692  | 695  | 691  | 693  | 693  | 698  | 697  | 694  | 695  | 695  | 695  | 695  | 695  | 693  | 696  | 693  | 693  | 690  | 694  |     |     |
| JMHE          | U002 | 978  | 898  | 900  | 900  | 895  | 779  | 783  | 782  | 779  | 779  | 781  | 781  | 782  | 778  | 779  | 783  | 780  | 984  | 981  | 977  | 978  | 979  | 984  | 980  | 978  | 978  | 978  | 977  | 980  | 979  | 982  | 981  | 980  | 975  | 976  | 977  | 978  | 978  | 980  | 980  | 981  | 979  | 980  | 976  | 979  | 982  | 976  | 979  |     |     |
| JMJG          | U002 | 672  | 673  | 672  | 679  | 673  | 605  | 599  | 600  | 596  | 595  | 598  | 599  | 600  | 597  | 601  | 596  | 598  | 681  | 676  | 682  | 673  | 679  | 675  | 679  | 677  | 682  | 684  | 673  | 672  | 680  | 682  | 678  | 679  | 681  | 677  | 667  | 667  | 667  | 667  | 670  | 673  | 672  | 669  | 668  | 671  | 667  | 671  | 669  | 668 |     |
| JMJG          | U004 | 970  | 914  | 859  | 801  | 742  | 713  | 710  | 710  | 711  | 711  | 713  | 714  | 714  | 712  | 712  | 712  | 713  | 712  | 712  | 732  | 816  | 894  | 949  | 970  | 972  | 973  | 975  | 974  | 976  | 972  | 977  | 975  | 972  | 976  | 975  | 977  | 973  | 975  | 977  | 975  | 973  | 973  | 974  | 974  | 974  | 975  | 975  | 974  |     |     |
| JMJG          | U005 | 794  | 796  | 782  | 729  | 730  | 728  | 732  | 731  | 732  | 730  | 729  | 732  | 732  | 730  | 731  | 732  | 732  | 803  | 803  | 798  | 801  | 800  | 801  | 799  | 798  | 801  | 800  | 800  | 801  | 800  | 801  | 801  | 799  | 798  | 801  | 796  | 797  | 801  | 799  | 799  | 796  | 801  | 797  | 801  | 801  | 798  | 798  |      |     |     |
| PKLG          | U003 | 282  | 280  | 280  | 280  | 281  | 280  | 280  | 277  | 278  | 277  | 278  | 281  | 282  | 282  | 280  | 281  | 280  | 282  | 281  | 280  | 280  | 279  | 279  | 280  | 280  | 279  | 279  | 282  | 281  | 280  | 279  | 279  | 281  | 281  | 281  | 280  | 281  | 277  | 281  | 279  | 278  | 279  | 280  | 279  | 278  |      |      |      |     |     |
| PKLG          | U004 | 276  | 280  | 277  | 278  | 277  | 271  | 278  | 280  | 276  | 275  | 279  | 276  | 275  | 278  | 280  | 279  | 278  | 277  | 276  | 275  | 277  | 277  | 280  | 279  | 277  | 277  | 278  | 279  | 278  | 276  | 268  | 279  | 279  | 274  | 278  | 270  | 276  | 276  | 279  | 279  | 277  | 288  | 284  | 279  | 284  | 282  |      |      |     |     |
| PKLG          | U005 | 468  | 467  | 468  | 464  | 466  | 468  | 467  | 420  | 406  | 406  | 406  | 405  | 407  | 407  | 406  | 454  | 468  | 466  | 467  | 466  | 466  | 468  | 466  | 467  | 467  | 466  | 467  | 466  | 466  | 466  | 466  | 467  | 468  | 466  | 467  | 468  | 466  | 467  | 468  | 466  | 467  | 467  | 458  | 467  | 466  |      |      |      |     |     |
| PKLG          | U006 | 446  | 449  | 447  | 449  | 446  | 445  | 448  | 448  | 451  | 446  | 448  | 449  | 446  | 445  | 450  | 450  | 450  | 446  | 447  | 448  | 447  | 449  | 452  | 446  | 448  | 449  | 448  | 446  | 448  | 445  | 450  | 446  | 446  | 446  | 442  | 447  | 446  | 446  | 448  | 450  | 448  | 450  | 445  | 448  | 446  | 448  | 449  | 451  |     |     |
| TBIN          | U001 | 651  | 650  | 650  | 615  | 621  | 621  | 620  | 621  | 620  | 619  | 618  | 619  | 649  | 691  | 690  | 689  | 689  | 689  | 689  | 687  | 688  | 690  | 690  | 690  | 691  | 692  | 687  | 690  | 690  | 690  | 691  | 690  | 690  | 687  | 690  | 692  | 690  | 691  | 689  | 687  | 599  | 600  | 534  | 522  | 692  | 676  | 689  |      |     |     |
| TBIN          | U002 | 652  | 648  | 653  | 637  | 622  | 624  | 622  | 623  | 621  | 622  | 623  | 623  | 624  | 651  | 693  | 686  | 689  | 693  | 690  | 690  | 691  | 693  | 693  | 690  | 691  | 690  | 687  | 689  | 698  | 692  | 691  | 697  | 694  | 690  | 690  | 694  | 692  | 690  | 689  | 696  | 587  | 506  | 453  | 452  | 453  | 451  | 453  | 450  |     |     |
| TBIN          | U003 | 648  | 649  | 650  | 632  | 618  | 621  | 619  | 623  | 621  | 623  | 622  | 624  | 624  | 651  | 692  | 691  | 690  | 690  | 690  | 689  | 690  | 692  | 693  | 691  | 691  | 691  | 689  | 690  | 688  | 691  | 690  | 689  | 689  | 688  | 690  | 687  | 693  | 689  | 690  | 691  | 599  | 606  | 603  | 620  | 691  | 632  | 633  |      |     |     |
| TBIN          | U004 | 983  | 907  | 901  | 903  | 903  | 841  | 784  | 780  | 782  | 781  | 782  | 781  | 783  | 783  | 783  | 781  | 782  | 867  | 956  | 983  | 983  | 982  | 983  | 984  | 983  | 982  | 984  | 983  | 982  | 983  | 984  | 983  | 984  | 983  | 983  | 981  | 984  | 984  | 983  | 983  | 983  | 981  | 982  | 983  | 979  | 983  | 985  | 981  |     |     |
| Total ST-Coal |      | 9200 | 8996 | 8924 | 8750 | 8658 | 8383 | 8195 | 7901 | 7766 | 7769 | 7778 | 7790 | 7791 | 7865 | 8002 | 8077 | 8263 | 8794 | 9054 | 9097 | 9173 | 9260 | 9329 | 9353 | 9339 | 9347 | 9351 | 9327 | 9345 | 9340 | 9360 | 9351 | 9338 | 9320 | 9323 | 9335 | 9326 | 9329 | 9345 | 9346 | 9229 | 8967 | 8915 | 8859 | 8858 | 9096 | 9026 | 9034 |     |     |
| 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    |      |     |     |
| CBPS          | BLK2 | 356  | 362  | 317  | 223  | 220  | 223  | 215  | 223  | 224  | 224  | 226  | 224  | 207  | 225  | 221  | 223  | 230  | 332  | 368  | 362  | 362  | 362  | 362  | 362  | 362  | 362  | 363  | 365  | 362  | 358  | 365  | 359  | 359  | 359  | 346  | 369  | 362  | 365  | 364  | 361  | 364  | 363  | 363  | 363  | 361  | 364  | 360  | 343  |     |     |
| GLGR          | GT01 | 67   | 67   | 64   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |     |     |
| GLGR          | GT02 | 68   | 67   | 82   | 95   | 95   | 96   | 96   | 96   | 95   | 96   | 96   | 95   | 94   | 96   | 95   | 96   | 96   | 95   | 96   | 110  | 109  | 110  | 110  | 110  | 110  | 108  | 108  | 108  | 108  | 108  | 108  | 107  | 108  | 108  | 106  | 96   | 95   | 96   | 96   | 95   | 96   | 95   | 96   | 96   | 96   | 96   | 96   |      |     |     |
| GLGR          | ST1C | 72   | 73   | 74   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 39   | 39   | 44   | 45   | 45   | 45   | 46   | 46   | 46   | 45   | 46   | 45   | 45   | 45   | 46   | 46   | 45   | 41   | 39   | 40   | 39   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |      |      |     |     |
| NPRI          | BLK1 | 505  | 512  | 511  | 515  | 505  | 515  | 503  | 513  | 513  | 515  | 514  | 496  | 489  | 506  | 470  | 534  | 519  | 520  | 514  | 514  | 515  | 515  | 516  | 512  | 514  | 512  | 517  | 510  | 516  | 510  | 509  | 510  | 500  | 491  | 495  | 508  | 510  | 512  | 511  | 511  | 509  | 509  | 506  | 510  | 509  | 505  | 487  |      |     |     |
| NPRI          | BLK2 | 507  | 515  | 514  | 518  | 508  | 515  | 505  | 517  | 517  | 517  | 518  | 517  | 500  | 515  | 518  | 516  | 526  | 523  | 524  | 518  | 516  | 518  | 518  | 517  | 514  | 518  | 515  | 519  | 511  | 517  | 512  | 511  | 502  | 493  | 498  | 510  | 512  | 515  | 511  | 514  | 513  | 511  | 509  | 513  | 511  | 506  | 487  |      |     |     |
| PCGP          | PGRG | 588  | 600  | 596  | 603  | 593  | 603  | 585  | 601  | 602  | 603  | 602  | 603  | 577  | 600  | 604  | 601  | 614  | 607  | 610  | 603  | 600  | 603  | 604  | 603  | 600  | 603  | 599  | 603  | 609  | 609  | 602  | 601  | 602  | 590  | 573  | 583  | 600  | 601  | 606  | 603  | 605  | 603  | 603  | 600  | 603  | 602  | 594  | 571  |     |     |
| PGLA          | GT11 | 167  | 170  | 168  | 170  | 168  | 170  | 166  | 170  | 170  | 170  | 171  | 171  | 164  | 170  | 171  | 171  | 173  | 171  | 173  | 170  | 170  | 218  | 201  | 208  | 169  | 195  | 194  | 224  | 223  | 222  | 224  | 222  | 224  | 225  | 226  | 227  | 214  | 174  | 195  | 183  | 182  | 169  | 168  | 170  | 167  | 175  | 167  | 160  |     |     |
| PGLA          | GT12 | 170  | 172  | 171  | 173  | 170  | 173  | 169  | 173  | 173  | 173  | 173  | 173  | 167  | 173  | 174  | 173  | 176  | 175  | 175  | 173  | 174  | 220  | 204  | 210  | 171  | 197  | 198  | 227  | 226  | 227  | 227  | 226  | 228  | 229  | 229  | 230  | 216  | 177  | 197  | 186  | 185  | 173  | 171  | 172  | 170  | 178  | 169  | 163  |     |     |
| PGLA          | ST10 | 204  | 206  | 204  | 206  | 206  | 207  | 204  | 207  | 207  | 206  | 206  | 207  | 202  | 207  | 207  | 206  | 206  | 207  | 208  | 208  | 236  | 234  | 238  | 219  | 227  | 234  | 250  | 252  | 252  | 252  | 252  | 253  | 253  | 253  | 253  | 253  | 233  | 207  | 212  | 210  | 208  | 207  | 206  | 206  | 213  | 206  | 206  | 202  |     |     |
| PLPS          | GT11 | 129  | 133  | 129  | 133  | 130  | 133  | 130  | 134  | 133  | 134  | 133  | 134  | 129  | 134  | 133  | 135  | 133  | 131  | 126  | 116  | 136  | 149  | 116  | 135  | 114  | 116  | 115  | 133  | 147  | 147  | 116  | 148  | 130  | 126  | 110  | 110  | 136  | 119  | 142  | 142  | 137  | 115  | 124  | 126  | 126  | 126  | 126  |      |     |     |
| PLPS          | GT13 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 62   | 122  | 112  | 131  | 145  | 113  | 132  | 113  | 113  | 112  | 129  | 145  | 147  | 112  | 144  | 126  | 122  | 106  | 108  | 130  | 117  | 138  | 139  | 128  | 133  | 113  | 120  | 122  | 122  | 122  | 122  |      |     |     |
| PLPS          | ST18 | 57   | 57   | 56   | 59   | 57   | 58   | 57   | 58   | 58   | 58   | 59   | 58   | 58   | 58   | 59   | 58   | 58   | 59   | 58   | 61   | 57   | 140  | 135  | 144  | 146  | 136  | 144  | 135  | 133  | 135  | 139  | 144  | 147  | 132  | 147  | 140  | 140  | 131  | 132  | 138  | 132  | 145  | 143  | 136  | 143  | 135  | 136  | 136  | 136 | 136 |
| SPGP          | BLK1 | 290  | 288  | 288  | 362  | 461  | 460  | 604  | 620  | 571  | 447  | 349  | 236  | 238  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 171  | 286  | 285  | 285  | 720  | 725  | 728  | 345  | 259  | 186  | 365 |     |

# Daily MW Generation on Thursday

| 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 |     |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| CEND             | HY02 | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |     |
| CEND             | HY03 | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    |     |
| CEND             | HY04 | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |     |
| HTRG             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 64   | -1   | -1   | 63   | 125  | 124  | 125  | 125  | 125  | 125  | 125 |
| HTRG             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 63   | 123  | 125  | 124  | 123  | 124  | 124  | 123  |     |
| KNRG             | HY01 | 37   | 37   | 36   | 37   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 36   |     |
| KNRG             | HY02 | 38   | 38   | 38   | 38   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   |     |
| KNRG             | HY03 | 0    | 0    | 0    | 0    | 0    | 24   | 36   | 36   | 36   | 36   | 36   | 36   | 35   | 36   | 35   | 36   | 35   | 35   | 35   | 35   | 35   | 35   | 35   | 35   |     |
| KNYR             | HY01 | 61   | 66   | 62   | 77   | 62   | 61   | 62   | 66   | 64   | 88   | 65   | 100  | 59   | 84   | 86   | 66   | 101  | 78   | 74   | 71   | 66   | 70   | 65   | 65   |     |
| KNYR             | HY02 | 57   | 65   | 59   | 75   | 57   | 61   | 59   | 65   | 68   | 80   | 65   | 93   | 54   | 89   | 86   | 61   | 100  | 72   | 67   | 67   | 63   | 66   | 65   | 65   |     |
| KNYR             | HY03 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 55   | 55   | 55   | 20   | -1   | -1   | 101  | 100  |     |
| KNYR             | HY04 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 0    | 100  | 100  | 100  | 100  | 100  | 98   | 95   |     |
| LPIA             | HY01 | 23   | 23   | 23   | 23   | 23   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 20   | 20   | 20   | 20   | 22   | 22   | 23   | 23   | 23   |     |
| LPIA             | HY02 | 23   | 23   | 23   | 23   | 23   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 23   | 23   | 23   | 23   | 23   |     |
| MNOR             | HY01 | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 6    | 6    | 6    | 6    | 6    |     |
| PGAU             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 19   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 22   | 22   | 21   |     |
| PGAU             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 21   | 21   | 21   | 21   |     |
| PGAU             | HY03 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 17   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   |     |
| PGAU             | HY04 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 23   | 23   | 22   | 22   |     |
| SIHY             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 50   | 30   | 30   | 30   | 30   | 30   | 30   | 30   |     |
| SIHY             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 50   | 30   | 30   | 30   | 30   | 30   | 30   | 30   |     |
| SIHY             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 30   | 30   | 30   | 30   | 30   | 30   | 30   |     |
| SYPS             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 17   | 17   | 17   | 17   | 17   | 17   | 17   |     |
| SYPS             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 17   | 25   | 25   | 25   | 17   | 17   | 17   | 17   |     |
| SYPS             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 17   | 25   | 25   | 25   | 17   | 17   | 17   | 17   |     |
| SYPS             | HY04 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 17   | 25   | 25   | 25   | 17   | 17   | 17   | 17   |     |
| TMGR             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | -1   | -1   | -1   | -1   | 0    | -1   | 0    | 0    | 0    | 54   | 84   | 84   | 84   | 84   | 53   | 54   | 33   | 64   |     |
| TMGR             | HY02 | 42   | 49   | 44   | 65   | 43   | 45   | 41   | 57   | 54   | 69   | 44   | 88   | 39   | 75   | 76   | 46   | 89   | 87   | 87   | 87   | 87   | 87   | 87   | 87   |     |
| TMGR             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 33   | 80   | 80   | 80   | 80   | 80   | 52   | 52   | 32   | 62   |     |
| TMGR             | HY04 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 53   | 84   | 84   | 84   | 84   | 85   | 84   | 85   | 84   | 85   |     |
| UJLI             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 98   | 98   | 98   | 98   | 98   | 95   | -1   | -1   | 97   |     |
| UJLI             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 99   | 100  | 99   | 96   | 101  | 96   | 99   | 99   | 102  |     |
| UPIA             | HY01 | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |     |
| UPIA             | HY02 | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    |     |
| Total Hydro      |      | 386  | 406  | 335  | 388  | 331  | 358  | 365  | 390  | 388  | 440  | 397  | 484  | 371  | 471  | 452  | 377  | 493  | 605  | 736  | 835  | 926  | 1027 | 1137 | 1133 |     |
| 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    | 0    | 1    | 3    | 5    | 4    | 4    | 7    | 11   | 18   | 19   | 15   |     |
| BKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 3    | 7    | 15   | 7    | 5    | 19   | 21   | 15   | 18   |     |
| BSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 3    | 9    | 13   | 23   | 17   | 16   | 17   | 27   | 28   |     |
| CHLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 4    | 5    | 11   | 12   | 18   | 18   | 16   | 17   | 21   |     |
| GBLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 3    | 8    | 10   | 15   | 36   | 23   | 19   | 26   | 30   | 15   |     |
| GELS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 3    | 8    | 13   | 7    | 0    | 0    | 0    | 0    | 0    |     |
| GNLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 4    | 8    | 9    | 12   | 16   | 28   | 22   | 30   | 50   | 28   |     |
| JSLs             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 8    | 16   | 28   | 29   | 26   | 29   | 33   | 48   | 25   | 15   |     |
| KKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 4    | 4    | 8    | 11   | 15   | 23   | 22   | 19   | 29   | 48   |     |
| KRLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 4    | 9    | 10   | 24   | 25   | 30   | 30   | 24   | 30   | 30   |     |
| MCLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 7    | 10   | 1    | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |     |

### Daily MW Generation on Thursday

| 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  |       |   |   |   |   |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|---|---|
| SPLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 6     | 12    | 22    | 31    | 28    | 44    | 37    | 58    | 48    | 31    | 40    | 50    | 19    | 19    | 24    | 34    | 12    | 6     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |   |   |   |   |
| SSLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 2     | 10    | 13    | 18    | 16    | 11    | 16    | 30    | 23    | 24    | 31    | 29    | 39    | 35    | 32    | 20    | 18    | 16    | 11    | 7     | 5     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |   |
| STLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 2     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 2     | 2     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |   |
| Total LSS       |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 6     | 27    | 64    | 109   | 155   | 194   | 201   | 241   | 290   | 262   | 310   | 348   | 276   | 286   | 232   | 206   | 148   | 143   | 155   | 100   | 61    | 31    | 6     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |   |
| PCUF            | CUFG | 9     | 9     | 10    | 9     | 9     | 10    | 10    | 12    | 8     | 11    | 14    | 17    | 17    | 18    | 19    | 19    | 7     | 6     | 5     | 7     | 6     | 5     | 7     | 6     | 7     | 6     | 7     | 4     | 4     | 4     | 3     | 5     | 3     | 3     | 3     | 1     | 4     | 3     | 4     | 3     | 4     | 2     | 3     | 3     | 3     | 5     | 4     | 12    | 8 | 3 | 3 | 3 |
| PCUF            | CUFK | 5     | 4     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 5     | 3     | 2     | 3     | 5     | 4     | 5     | 4     | 5     | 6     | 2     | 4     | 5     | 5     | 3     | 1     | 4     | 3     | 4     | 3     | 4     | 3     | 8     | 5     | 4     | 3     | 6     | 3     | 3     | 0     | 4     | 5     | 3     | 4     | 4     | 2     | 5     | 2     | 1     | 3 | 3 |   |   |
| Total Co-Gen    |      | 14    | 13    | 13    | 12    | 12    | 13    | 13    | 13    | 15    | 11    | 16    | 17    | 19    | 20    | 23    | 23    | 24    | 23    | 12    | 12    | 7     | 11    | 11    | 12    | 9     | 8     | 8     | 7     | 8     | 6     | 13    | 8     | 7     | 4     | 10    | 6     | 7     | 2     | 7     | 8     | 6     | 9     | 8     | 14    | 13    | 5     | 4     | 6     | 6 |   |   |   |
| Total Gen       |      | 14648 | 14261 | 14067 | 13780 | 13586 | 13295 | 13181 | 12993 | 12820 | 12743 | 12619 | 12604 | 12748 | 12790 | 12936 | 12900 | 13326 | 14320 | 14968 | 15365 | 15620 | 16052 | 16157 | 16296 | 16149 | 16043 | 15962 | 16313 | 16590 | 16857 | 16861 | 16786 | 16651 | 16563 | 16235 | 15897 | 15495 | 15427 | 15818 | 16347 | 16124 | 16086 | 15865 | 15751 | 15320 | 15173 | 14964 | 14830 |   |   |   |   |
| 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 |   |   |   |
| TIE-HVDC        |      | 31    | 29    | 29    | 30    | 30    | 29    | 29    | 31    | 31    | 29    | 29    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 31    | 31    | 29    | 29    | 28    | 28    | 31    | 31    | 31    | 31    | 31    | 29    | 28    | 29    | 29    | 31    | 29    | 29    | 28    | 28    | 30    | 31    | 31    | 31    | 29    | 29    | 30    | 30    | 30    |       |   |   |   |   |
| TIE-PLTG        |      | 63    | 102   | 41    | 35    | 83    | 69    | 66    | 24    | 66    | 16    | 12    | 16    | 6     | 22    | -1    | 15    | -16   | -1    | -10   | -18   | 42    | -8    | -25   | -21   | 31    | 33    | 63    | 15    | 16    | -4    | 9     | -30   | -30   | 31    | 44    | 68    | 59    | 10    | 3     | 0     | -22   | -1    | -14   | 51    | 20    | -5    | 37    | 105   |   |   |   |   |
| Interconnection |      | 94    | 132   | 70    | 65    | 113   | 98    | 96    | 54    | 97    | 46    | 42    | 47    | 36    | 52    | 29    | 45    | 14    | 29    | -19   | 13    | 73    | 21    | 4     | 7     | 60    | 64    | 63    | 16    | 46    | 47    | 27    | 37    | -2    | -1    | 60    | 75    | 97    | 88    | 39    | 31    | 28    | 8     | 17    | 81    | 49    | 24    | 67    | 135   |   |   |   |   |
| System Total    |      | 14562 | 14137 | 14005 | 13723 | 13481 | 13205 | 13093 | 12947 | 12731 | 12705 | 12585 | 12565 | 12720 | 12746 | 12915 | 12863 | 13320 | 14298 | 14956 | 15359 | 15554 | 16038 | 16160 | 16296 | 16096 | 15987 | 15876 | 16275 | 16550 | 16837 | 16831 | 16799 | 16663 | 16511 | 16168 | 15808 | 15415 | 15396 | 15795 | 16327 | 16124 | 16068 | 15859 | 15681 | 15282 | 15160 | 14908 | 14706 |   |   |   |   |
| SRev ST-Coal    |      | 287   | 488   | 510   | 614   | 629   | 689   | 801   | 849   | 849   | 858   | 853   | 847   | 846   | 790   | 657   | 635   | 620   | 408   | 236   | 213   | 221   | 212   | 158   | 134   | 148   | 140   | 136   | 160   | 142   | 135   | 115   | 124   | 137   | 155   | 152   | 140   | 149   | 146   | 130   | 129   | 203   | 322   | 329   | 315   | 322   | 200   | 272   | 261   |   |   |   |   |
| SRev CCGT-Gas   |      | 794   | 996   | 1045  | 1039  | 1082  | 1037  | 1116  | 1046  | 1036  | 1042  | 1039  | 1045  | 1174  | 1071  | 1045  | 1089  | 989   | 812   | 665   | 451   | 391   | 159   | 271   | 206   | 359   | 296   | 301   | 170   | 140   | 119   | 211   | 127   | 178   | 216   | 329   | 270   | 302   | 447   | 343   | 312   | 363   | 456   | 628   | 579   | 534   | 604   | 666   | 949   |   |   |   |   |
| 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     | 0 |   |   |   |
| 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 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 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 |   |   |   |
| Syncon          |      | 1242  | 1242  | 1242  | 1242  | 1242  | 1242  | 1329  | 1329  | 1329  | 1178  | 1242  | 1178  | 1091  | 1242  | 1242  | 1242  | 1155  | 1155  | 968   | 968   | 781   | 680   | 680   | 554   | 766   | 867   | 403   | 453   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 676   | 1029  | 1155  | 1155  | 338   | 187   | 187   | 187   | 288   | 475   | 702   | 702   | 702   |   |   |   |   |
| Hydro           |      | 156   | 136   | 159   | 106   | 163   | 176   | 169   | 143   | 145   | 93    | 287   | 50    | 313   | 214   | 82    | 157   | 41    | 238   | 107   | 195   | 204   | 340   | 424   | 428   | 494   | 360   | 376   | 687   | 674   | 821   | 845   | 937   | 1003  | 1020  | 1060  | 573   | 551   | 493   | 334   | 657   | 925   | 1049  | 1049  | 964   | 871   | 585   | 591   | 634   |   |   |   |   |
| S.Reserve Total |      | 2565  | 2948  | 3042  | 3087  | 3202  | 3230  | 3414  | 3367  | 3359  | 3322  | 3357  | 3270  | 3511  | 3252  | 3112  | 3209  | 2978  | 2613  | 2163  | 1827  | 1784  | 1492  | 1540  | 1455  | 1562  | 1569  | 1680  | 1420  | 1409  | 1075  | 1171  | 1188  | 1318  | 1391  | 1541  | 1659  | 2031  | 2241  | 1962  | 1436  | 1678  | 2014  | 2193  | 2146  | 2202  | 2091  | 2231  | 2546  |   |   |   |   |