

## Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,003 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,003 MW  |
| Total IPP    | 18,655 MW |
| Total Co-Gen | 0 MW      |
| Total System | 24,405 MW |

## Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 23,409         | 6.27 %          |
| Gas                     | 55,488         | 14.86 %         |
| <b>Total TNB</b>        | <b>78,897</b>  | <b>21.13 %</b>  |
| ST-Coal                 | 197,303        | 52.83 %         |
| LSS                     | 5,112          | 1.37 %          |
| Gas                     | 91,268         | 24.44 %         |
| <b>Total IPP</b>        | <b>293,683</b> | <b>78.64 %</b>  |
| Co-Gen                  | 955            | 0.26 %          |
| <b>Total Co-Gen</b>     | <b>955</b>     | <b>0.26 %</b>   |
| <b>Total Generation</b> | <b>373,535</b> | <b>100.02 %</b> |
| PLTG                    | 1,830          | 0.49 %          |
| EGAT                    | 6              | 0.00 %          |
| HVDC                    | -1,754         | -0.47 %         |
| <b>Interconnection</b>  | <b>82</b>      | <b>0.02 %</b>   |
| <b>Net Energy</b>       | <b>373,453</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              | 18,683 MW     |
| TNB Generation                | 4,086 MW      |
| IPP Generation                | 13,515 MW     |
| Spinning Reserve              | 1,040 MW      |
| Maximum Demand                | 17,632 MW     |
| Net Energy                    | 373,453 MWH   |
| Load Factor                   | 88.25 %       |

## Fuel Cost

|               |                   |
|---------------|-------------------|
| Total Cost:   | 113,874,867.17 RM |
| Cost per Unit | 30.45 cents/kWH   |

## Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 556          |
| Hydro        | 291          |
| Syncon       | 302          |
| Thermal      | 170          |
| <b>Total</b> | <b>1,319</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Rainy   | 28          |
| Morning   | Sunny   | 30          |

## Gas Usage

| Station          | (mmcsfd)   |
|------------------|------------|
| GLGR             | 48         |
| SRDG             | 13         |
| TJGS             | 20         |
| TJGS             | 91         |
| <b>Total TNB</b> | <b>173</b> |
| CBPS             | 39         |
| EMPP             | 295        |
| KLPP             | 1          |
| NPRI             | 71         |
| PCGP             | 87         |
| PLPS             | 58         |
| SKSP             | 48         |
| SPGP             | 208        |
| <b>Total IPP</b> | <b>808</b> |
| <b>Total Gas</b> | <b>981</b> |

## Alternate Fuel Usage

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

**Total Gas Required 981**

## 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 | 15128 | 14353 | 13810 | 13425 | 13125 | 12946 | 13248 | 13255 | 13716 | 15435 | 16272 | 16786 | 16745 | 16460 | 17167 | 17460 | 17632 | 17073 | 16212 | 16406 | 17147 | 16895 | 16461 | 15990 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, October 5, 2022 9:16:30 AM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

# Daily MW Generation on Wednesday

| 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 | 213  | 214  | 213  | 214  | 215  | 213  | 213  | 213  | 214  | 215  | 212  | 214  | 213  | 214  | 213  | 213  | 351  | 554  | 703  | 706  | 702  | 705  | 712  | 706  | 705  | 706  | 705  | 705  | 705  | 704  | 705  | 704  | 706  | 705  | 705  | 704  | 704  | 707  | 705  | 706  | 706  |      |      |      |      |      |      |      |
| JMHE          | U001 | 982  | 979  | 898  | 899  | 898  | 901  | 848  | 850  | 852  | 851  | 847  | 849  | 850  | 851  | 848  | 851  | 848  | 851  | 848  | 851  | 849  | 975  | 980  | 983  | 977  | 976  | 980  | 976  | 976  | 977  | 984  | 979  | 980  | 976  | 976  | 977  | 984  | 981  | 982  | 979  | 980  | 983  | 980  | 975  | 979  |      |      |      |
| JMHE          | U002 | 981  | 978  | 983  | 753  | 751  | 503  | 501  | 502  | 501  | 502  | 499  | 500  | 500  | 744  | 751  | 751  | 749  | 751  | 752  | 752  | 692  | 620  | 600  | 597  | 598  | 599  | 602  | 599  | 598  | 598  | 603  | 602  | 598  | 600  | 598  | 601  | 601  | 601  | 600  | 602  | 592  | 604  | 599  | 600  | 601  | 598  | 569  | 501  |
| JMJG          | U001 | 678  | 677  | 678  | 676  | 678  | 679  | 678  | 682  | 678  | 679  | 675  | 676  | 682  | 677  | 678  | 672  | 676  | 667  | 671  | 674  | 673  | 669  | 673  | 672  | 671  | 677  | 673  | 672  | 673  | 673  | 668  | 670  | 670  | 671  | 679  | 685  | 400  | 327  | 309  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |
| JMJG          | U002 | 675  | 673  | 677  | 682  | 671  | 677  | 672  | 672  | 673  | 675  | 678  | 674  | 673  | 676  | 668  | 677  | 677  | 672  | 673  | 672  | 678  | 675  | 676  | 673  | 671  | 675  | 675  | 671  | 672  | 678  | 675  | 673  | 673  | 676  | 676  | 682  | 675  | 675  | 677  | 678  | 671  | 677  | 671  | 680  | 677  | 672  | 677  |      |
| JMJG          | U003 | 685  | 688  | 679  | 664  | 678  | 677  | 679  | 681  | 675  | 682  | 679  | 678  | 679  | 679  | 671  | 679  | 666  | 666  | 670  | 671  | 676  | 672  | 668  | 672  | 675  | 666  | 672  | 688  | 631  | 635  | 657  | 672  | 669  | 668  | 679  | 669  | 673  | 672  | 672  | 671  | 672  | 666  | 675  | 671  | 666  | 672  | 672  |      |
| JMJG          | U004 | 973  | 973  | 948  | 901  | 900  | 900  | 885  | 853  | 853  | 853  | 854  | 853  | 854  | 853  | 854  | 858  | 852  | 883  | 939  | 972  | 972  | 972  | 973  | 973  | 974  | 973  | 971  | 974  | 972  | 972  | 973  | 975  | 973  | 974  | 973  | 974  | 973  | 972  | 974  | 971  | 977  | 976  | 973  | 977  | 972  | 971  | 971  |      |
| JMJG          | U005 | 977  | 976  | 920  | 902  | 898  | 902  | 862  | 852  | 847  | 853  | 850  | 851  | 848  | 848  | 848  | 849  | 909  | 983  | 982  | 977  | 979  | 977  | 977  | 978  | 978  | 979  | 977  | 977  | 978  | 978  | 977  | 976  | 976  | 977  | 978  | 977  | 977  | 978  | 978  | 975  | 977  | 980  | 976  | 976  | 977  | 977  |      |      |
| PKLG          | U006 | 267  | 269  | 268  | 268  | 268  | 269  | 267  | 269  | 267  | 269  | 269  | 268  | 269  | 271  | 270  | 270  | 269  | 272  | 280  | 270  | 321  | 416  | 441  | 449  | 449  | 449  | 444  | 449  | 443  | 428  | 445  | 445  | 446  | 446  | 448  | 451  | 446  | 448  | 449  | 447  | 449  | 453  | 452  | 448  | 448  |      |      |      |
| TBIN          | U002 | 701  | 701  | 699  | 703  | 701  | 699  | 701  | 706  | 469  | 352  | 352  | 352  | 352  | 353  | 352  | 426  | 645  | 700  | 694  | 698  | 698  | 702  | 698  | 702  | 699  | 704  | 701  | 699  | 700  | 701  | 699  | 698  | 699  | 700  | 702  | 698  | 698  | 701  | 699  | 702  | 704  | 705  | 702  | 708  | 700  | 703  | 706  |      |
| TBIN          | U003 | 388  | 223  | 213  | 214  | 212  | 212  | 213  | 211  | 212  | 213  | 213  | 212  | 212  | 212  | 212  | 266  | 405  | 558  | 699  | 695  | 697  | 697  | 697  | 699  | 697  | 698  | 698  | 698  | 696  | 696  | 697  | 694  | 697  | 702  | 694  | 697  | 698  | 696  | 696  | 696  | 696  | 696  | 695  | 698  | 700  | 695  | 695  |      |
| TBIN          | U004 | 874  | 874  | 874  | 872  | 873  | 873  | 853  | 854  | 853  | 856  | 852  | 854  | 855  | 852  | 852  | 852  | 852  | 872  | 873  | 874  | 873  | 871  | 874  | 874  | 873  | 873  | 874  | 873  | 873  | 875  | 874  | 873  | 874  | 873  | 873  | 874  | 874  | 872  | 874  | 872  | 876  | 873  | 872  | 872  | 872  | 873  |      |      |
| Total ST-Coal |      | 8394 | 8225 | 8050 | 7748 | 7742 | 7507 | 7372 | 7345 | 7093 | 6999 | 6982 | 6980 | 6990 | 7232 | 7225 | 7302 | 7522 | 7798 | 7979 | 8166 | 8435 | 8812 | 8958 | 8967 | 8963 | 8978 | 8982 | 8973 | 8983 | 8924 | 8947 | 8959 | 8951 | 8942 | 8958 | 8989 | 8996 | 8700 | 8627 | 8619 | 8297 | 8313 | 8296 | 8301 | 8323 | 8297 | 8268 | 8205 |
| 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    |      |      |
| 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    |      |      |
| CBPS          | BLK2 | 195  | 198  | 200  | 201  | 197  | 200  | 201  | 200  | 201  | 201  | 200  | 201  | 204  | 201  | 196  | 195  | 201  | 200  | 201  | 256  | 248  | 247  | 196  | 255  | 254  | 197  | 191  | 261  | 266  | 267  | 265  | 277  | 267  | 266  | 260  | 263  | 268  | 201  | 260  | 274  | 263  | 267  | 256  | 260  | 257  | 267  | 264  | 262  |
| EMPP          | BLK1 | 688  | 619  | 577  | 500  | 411  | 411  | 411  | 410  | 411  | 412  | 410  | 411  | 473  | 542  | 407  | 405  | 434  | 691  | 710  | 694  | 673  | 663  | 692  | 686  | 669  | 703  | 681  | 680  | 684  | 691  | 684  | 714  | 704  | 690  | 679  | 682  | 688  | 709  | 678  | 712  | 734  | 738  | 721  | 727  | 726  | 757  | 747  | 685  |
| EMPP          | BLK2 | 703  | 706  | 711  | 711  | 638  | 683  | 560  | 541  | 605  | 562  | 580  | 705  | 713  | 710  | 682  | 494  | 578  | 689  | 710  | 707  | 688  | 685  | 707  | 701  | 685  | 708  | 697  | 692  | 701  | 703  | 698  | 715  | 705  | 704  | 693  | 696  | 706  | 710  | 696  | 711  | 733  | 737  | 720  | 726  | 726  | 756  | 746  | 702  |
| EMPP          | BLK3 | 688  | 697  | 703  | 711  | 700  | 710  | 615  | 610  | 660  | 620  | 657  | 711  | 714  | 710  | 687  | 684  | 711  | 711  | 707  | 694  | 673  | 668  | 693  | 686  | 669  | 703  | 681  | 679  | 684  | 691  | 684  | 715  | 704  | 690  | 677  | 679  | 689  | 710  | 676  | 712  | 728  | 732  | 714  | 721  | 720  | 753  | 743  | 703  |
| GLGR          | GT01 | 66   | 66   | 66   | 67   | 65   | 66   | 66   | 66   | 66   | 66   | 66   | 67   | 67   | 67   | 67   | 65   | 67   | 66   | 68   | 67   | 66   | 65   | 66   | 65   | 66   | 67   | 66   | 67   | 93   | 101  | 101  | 99   | 99   | 99   | 66   | 67   | 65   | 91   | 105  | 103  | 104  | 103  | 66   | 65   | 66   | 66   | 67   |      |
| GLGR          | GT02 | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 65   | 66   | 67   | 66   | 65   | 66   | 66   | 66   | 66   | 66   | 66   | 67   | 66   | 66   | 68   | 66   | 66   | 66   | 66   | 65   | 66   | 94   | 99   | 99   | 99   | 99   | 99   | 65   | 65   | 66   | 91   | 103  | 103  | 103  | 103  | 65   | 66   | 65   | 66   | 66   |      |
| GLGR          | ST1C | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 84   | 91   | 91   | 91   | 91   | 91   | 75   | 71   | 82   | 93   | 94   | 95   | 94   | 78   | 71   | 71   | 71   | 70   |      |      |
| KLPP          | GT15 | 100  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |      |
| KLPP          | ST17 | 55   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |      |
| NPRI          | BLK2 | 512  | 331  | 319  | 319  | 316  | 317  | 320  | 320  | 319  | 317  | 316  | 320  | 313  | 309  | 302  | 300  | 308  | 400  | 519  | 515  | 498  | 498  | 514  | 509  | 498  | 471  | 496  | 503  | 511  | 512  | 509  | 522  | 514  | 511  | 502  | 504  | 511  | 518  | 502  | 521  | 512  | 514  | 502  | 508  | 506  | 517  | 512  | 509  |
| PCGP          | PGRG | 587  | 594  | 599  | 600  | 593  | 598  | 602  | 599  | 601  | 599  | 592  | 602  | 610  | 603  | 588  | 582  | 601  | 601  | 604  | 589  | 561  | 556  | 592  | 581  | 557  | 590  | 574  | 570  | 585  | 585  | 580  | 612  | 591  | 587  | 567  | 576  | 587  | 602  | 574  | 608  | 585  | 595  | 570  | 578  | 575  | 599  | 588  | 582  |
| PLPS          | GT11 | 69   | 127  | 129  | 123  | 128  | 129  | 129  | 128  | 128  | 129  | 129  | 128  | 128  | 129  | 129  | 128  | 124  | 127  | 111  | 106  | 105  | 109  | 107  | 104  | 112  | 106  | 107  | 109  | 108  | 116  | 138  | 135  | 132  | 130  | 129  | 60   | 62   | 136  | 136  | 137  | 136  | 137  | 136  | 122  | 62   | 62   | 61   |      |
| PLPS          | GT12 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 62   | 120  | 114  | 112  | 117  | 116  | 114  | 119  | 113  | 115  | 117  | 115  | 123  | 145  | 143  | 140  | 137  | 136  | 65   | 69   | 143  | 144  | 145  | 144  | 144  | 143  | 130  | 68   | 69   | 68   |
| PLPS          | GT13 | 66   | 28   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |      |
| PLPS          | ST18 | 93   | 104  | 58   | 58   | 56   | 56   | 57   | 57   | 57   | 57   | 56   | 57   | 56   | 56   | 57   | 56   | 57   | 56   | 130  | 130  | 130  | 132  | 132  | 131  | 132  | 130  | 130  | 130  | 131  | 130  | 141  | 141  | 142  | 142  | 138  | 95   | 94   | 138  | 142  | 142  | 142  | 142  | 142  | 142  | 138  | 92   | 98   | 92   |
| SKSP          | BLK1 | 218  | 218  | 217  | 218  | 218  | 216  | 217  | 217  | 218  | 218  | 218  | 217  | 221  | 220  | 219  | 218  | 217  | 217  | 218  | 279  | 323  | 319  | 221  | 219  | 219  | 218  | 217  | 218  | 218  | 327  | 325  | 330  | 327  | 325  | 326  | 323  | 221  | 231  | 265  | 304  | 320  | 289  | 287  | 288  | 271  | 218  | 235  | 218  |
| SPGP          | BLK1 | 716  | 720  | 722  | 725  | 722  | 724  | 726  | 723  | 724  | 724  | 722  | 723  | 726  | 723  | 715  | 714  | 724  | 721  | 726  | 718  | 700  | 699  | 715  | 710  | 696  | 713  | 704  | 696  | 704  | 696  | 695  | 713  | 705  | 701  | 687  |      |      |      |      |      |      |      |      |      |      |      |      |      |

# Daily MW Generation on Wednesday

| 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             | 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    |     |
| HTRG             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 63   | 63   | 62   | 62   | 62   | 63   | 63   | 63   | 64   | 62   | 119 |
| HTRG             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 0    | 0    | 0    | 0    | 0    | -1   | 63   | -1   | -1   | -1   | 65  |
| HTRG             | HY03 | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 3    | 3    | 4    | 4    | 4    | 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   | 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   | 36  |
| KNYR             | HY01 | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 96   | 96   | 59   | 96   | 97   | 97   | 96   | 96   | 97   | 97   | 97   | 97   | 97  |
| KNYR             | HY02 | 0    | 0    | 0    | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 58   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97  |
| KNYR             | HY03 | 102  | 102  | 102  | 102  | 101  | 101  | 100  | 100  | 100  | 101  | 101  | 101  | 102  | 102  | 101  | 101  | 102  | 102  | 102  | 102  | 101  | 101  | 101  | 100  | 100 |
| KNYR             | HY04 | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 101  | 101  | 101  | 102  | 101  | 102  | 101  | 102  | 101  | 102  | 101  | 101  | 101  | 102  | 102 |
| LPIA             | HY01 | 11   | 11   | 11   | 16   | 15   | 14   | 13   | 15   | 17   | 17   | 17   | 16   | 16   | 16   | 16   | 16   | 16   | 17   | 17   | 17   | 17   | 17   | 18   | 18   | 18  |
| LPIA             | HY02 | 11   | 11   | 11   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 14   | 15   | 17   | 17   | 17   | 17   | 17   | 16   | 16   | 16  |
| 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    | 3   |
| PGAU             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | -1   | -1   | -1   | -1   | -1   | -1   | -1  |
| PGAU             | HY02 | 21   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 20   | -1   | -1   | -1   | 20   | 21   | 21   | 20   | 20  |
| SIHY             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 31   | 31   | 31   | 31   | 31   | 31   | 0    | 0   |
| SIHY             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 31   | 31   | 31   | 31   | 31   | 31   | 0    | 0   |
| SIHY             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 30   | 31   | 31   | 31   | 31   | 31   | 31   | 0   |
| SYPS             | 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    | 0   |
| SYPS             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   |
| SYPS             | HY04 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   |
| TMGR             | HY01 | 41   | 79   | 43   | 82   | 43   | 80   | 82   | 0    | 0    | 0    | -1   | 0    | 0    | -1   | 0    | 34   | 81   | 81   | 79   | 81   | 81   | 81   | 81   | 81   | 81  |
| TMGR             | HY02 | 0    | 34   | 34   | 34   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 87   | 36   | -1   | -1   | 37   | 86   | 86   | 84   | 83   | 86   | 85   | 84   | 86   | 86  |
| TMGR             | HY03 | 31   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 82   | 81   | 81   | 77   | 76   | 81   | 81   | 77   | 81   | 79   | 79  |
| TMGR             | HY04 | -1   | -1   | -1   | -1   | -1   | 79   | 53   | 42   | 43   | 49   | 67   | 80   | 41   | 41   | 40   | 49   | 43   | 76   | 41   | 37   | 36   | 55   | 52   | 35   |     |
| UJLI             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 84   | -1   | -1   | -1   | -1   | -1   | 87   | 93   | 95   | 4    |     |
| UPIA             | HY01 | 6    | 6    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 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    | 5   |
| Total Hydro      |      | 594  | 614  | 576  | 722  | 645  | 681  | 761  | 655  | 645  | 646  | 653  | 670  | 645  | 682  | 630  | 612  | 599  | 778  | 929  | 893  | 968  | 879  | 907  | 934  | 909 |
| 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    | 0   |
| BDLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 6    | 5    | 7    | 10   | 16   | 22   | 20   | 27   | 14   | 28  |
| BKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 8    | 12   | 19   | 23   | 26   | 17   | 33   | 38   | 11   | 41  |
| BSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 5    | 9    | 12   | 20   | 22   | 28   | 30   | 32   | 16   | 9    | 26  |
| CHLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 7    | 10   | 20   | 25   | 35   | 34   | 33   | 17   | 34   | 18  |
| GBLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 11   | 11   | 18   | 27   | 29   | 32   | 39   | 23   | 24   | 40  |
| GELS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 7    | 4    | 14   | 16   | 17   | 24   | 21   | 17   | 25   | 29  |
| JELS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 5    | 10   | 15   | 21   | 26   | 24   | 26   | 20   | 30   | 30   | 30  |
| JSLs             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 5    | 10   | 14   | 23   | 22   | 30   | 23   | 16   | 50   | 50  |
| KDLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 24   | 10   | 60   | 62   | 73   | 82   | 90   | 39   | 39   | 47  |
| KKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 7    | 12   | 22   | 16   | 30   | 32   | 35   | 38   | 43   | 14  |
| KMLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 7    | 5    | 14   | 20   | 24   | 26   | 27   | 12   | 28  |
| KNLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 19   | 41   | 57   | 73   | 80   | 92   | 100  | 100  | 42   | 63  |
| KRLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 5    | 11   | 16   | 21   | 25   | 24   | 30   | 30   | 30   | 30  |
| MCLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 4    | 18   | 24   | 31   | 35   | 41   | 42   | 43   | 34   | 44  |
| PKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 11   | 37   | 52   | 73   | 88   | 94   | 109  | 115  | 114  | 83   | 109 |
| SPLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 5    | 9    | 17   | 14   | 38   | 40   | 44   | 52   | 17   | 3   |
| SSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 6    | 10   | 23   | 13   | 32   | 37   | 35   | 30   | 44   | 34  |

# Daily MW Generation on Wednesday

| 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  |       |     |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| STLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 4     | 9     | 9     | 15    | 10    | 18    | 25    | 26    | 29    | 29    | 5     | 29    | 13    | 6     | 0     | 1     | 1     | 3     | 5     | 5     | 2     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |     |
| TBLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 7     | 16    | 22    | 30    | 30    | 30    | 30    | 29    | 30    | 30    | 30    | 30    | 23    | 17    | 23    | 14    | 15    | 8     | 6     | 4     | 2     | 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     | 26    | 132   | 261   | 369   | 521   | 630   | 726   | 768   | 782   | 647   | 628   | 711   | 639   | 651   | 649   | 605   | 408   | 333   | 266   | 189   | 136   | 100   | 50    | 6     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   |
| KHTC            | BLK1 | 0     | 2     | 1     | 3     | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 3     | 2     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 2     | 3     |       |       |     |
| PCUF            | CUFG | 16    | 16    | 16    | 17    | 15    | 17    | 18    | 16    | 16    | 19    | 17    | 18    | 18    | 18    | 17    | 18    | 18    | 18    | 17    | 17    | 18    | 18    | 17    | 18    | 17    | 18    | 17    | 19    | 17    | 16    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 19    | 16    | 18    | 17    | 17    | 16    | 17    | 18    |       |       |     |
| PCUF            | CUFK | 26    | 25    | 26    | 27    | 25    | 24    | 24    | 22    | 26    | 26    | 25    | 26    | 27    | 26    | 27    | 7     | 5     | 5     | 5     | 4     | 10    | 9     | 8     | 15    | 28    | 26    | 25    | 26    | 25    | 26    | 25    | 27    | 28    | 26    | 27    | 27    | 26    | 26    | 27    | 26    | 26    | 26    | 26    | 26    | 26    | 28    |       |       |     |
| Total Co-Gen    |      | 42    | 43    | 43    | 47    | 42    | 44    | 45    | 40    | 45    | 47    | 45    | 46    | 47    | 47    | 44    | 47    | 45    | 44    | 45    | 24    | 24    | 23    | 22    | 22    | 21    | 29    | 26    | 25    | 31    | 45    | 43    | 42    | 43    | 42    | 44    | 44    | 45    | 43    | 46    | 43    | 45    | 43    | 43    | 43    | 44    | 44    | 45    | 49    |     |
| Total Gen       |      | 15088 | 14596 | 14278 | 14062 | 13778 | 13651 | 13393 | 13218 | 13084 | 12905 | 12935 | 13147 | 13219 | 13540 | 13248 | 13129 | 13633 | 14663 | 15343 | 15834 | 16273 | 16621 | 16713 | 16959 | 16713 | 16617 | 16427 | 16924 | 17156 | 17503 | 17437 | 17432 | 17643 | 17587 | 17188 | 16717 | 16238 | 15978 | 16453 | 17208 | 17165 | 17213 | 16934 | 16796 | 16469 | 16267 | 16040 | 15551 |     |
| 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        |      | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -99   | -30   | -30   |     |
| TIE-PLTG        |      | 1     | -9    | -21   | -14   | 10    | 14    | 12    | 58    | 12    | 6     | 32    | 31    | 10    | 55    | 43    | 7     | 37    | 107   | 19    | 99    | 124   | 114   | 52    | 79    | 92    | 47    | 88    | 124   | 98    | 131   | 87    | 52    | 131   | 167   | 228   | 156   | 139   | 114   | 167   | 85    | 138   | 102   | 152   | 127   | 119   | 79    | 103   | 54    |     |
| Interconnection |      | -28   | -38   | -51   | -44   | -20   | -16   | -18   | 28    | -18   | -23   | 2     | 2     | -20   | 25    | 13    | -23   | -61   | 8     | -80   | 1     | 25    | 15    | -47   | -19   | -7    | -52   | -11   | 26    | -1    | 32    | -11   | -47   | 33    | 69    | 129   | 57    | 40    | 16    | 68    | -13   | 40    | 3     | 53    | 28    | 20    | -20   | 73    | 24    |     |
| System Total    |      | 15128 | 14650 | 14353 | 14119 | 13810 | 13679 | 13425 | 13212 | 13125 | 12950 | 12946 | 13157 | 13248 | 13536 | 13255 | 13176 | 13716 | 14678 | 15435 | 15855 | 16272 | 16629 | 16786 | 17004 | 16745 | 16685 | 16460 | 16909 | 17167 | 17482 | 17460 | 17499 | 17632 | 17539 | 17073 | 16682 | 16212 | 15974 | 16406 | 17243 | 17147 | 17231 | 16895 | 16781 | 16461 | 16311 | 15990 | 15550 |     |
| SRev ST-Coal    |      | 308   | 315   | 476   | 625   | 624   | 618   | 642   | 631   | 714   | 703   | 711   | 714   | 702   | 710   | 713   | 619   | 596   | 459   | 355   | 306   | 376   | 347   | 135   | 126   | 130   | 115   | 126   | 120   | 110   | 169   | 146   | 134   | 142   | 151   | 135   | 104   | 97    | 172   | 121   | 129   | 106   | 90    | 107   | 102   | 80    | 106   | 135   | 148   |     |
| 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     | 94    | 10    | 4     | 63    | 159   | 17    | 6     | 115   | 297   | 104   | 104   | 157   | 179   | 36    | -1    | 193   | 303   | 255   | 299   | 0     | 0     |     |
| SRev CCGT-Gas   |      | 1055  | 1174  | 1063  | 1127  | 1323  | 1253  | 1457  | 1494  | 1371  | 1459  | 1417  | 1221  | 1135  | 1093  | 1323  | 1530  | 1337  | 890   | 794   | 658   | 672   | 707   | 831   | 634   | 716   | 858   | 942   | 897   | 828   | 418   | 424   | 198   | 282   | 332   | 433   | 496   | 894   | 911   | 483   | 207   | 189   | 198   | 315   | 358   | 430   | 468   | 507   | 695   |     |
| 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 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 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          |      | 527   | 678   | 678   | 678   | 766   | 766   | 678   | 678   | 678   | 678   | 766   | 678   | 590   | 590   | 615   | 678   | 590   | 590   | 590   | 590   | 590   | 403   | 590   | 590   | 590   | 590   | 590   | 151   | 0     | 151   | 151   | 338   | 126   | 0     | 277   | 464   | 464   | 338   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 338 |
| Hydro           |      | 292   | 121   | 159   | 113   | 102   | 66    | 74    | 93    | 103   | 102   | 95    | 77    | 79    | 106   | 158   | 238   | 101   | 233   | 131   | 167   | 279   | 181   | 153   | 126   | 151   | 100   | 301   | 361   | 478   | 341   | 437   | 213   | 473   | 541   | 466   | 311   | 304   | 328   | 422   | 262   | 140   | 152   | 307   | 297   | 496   | 465   | 403   | 308   |     |
| S.Reserve Total |      | 2182  | 2288  | 2376  | 2543  | 2815  | 2703  | 2851  | 2983  | 2953  | 3029  | 2988  | 2778  | 2681  | 2586  | 2871  | 3002  | 2799  | 2172  | 1870  | 1721  | 1730  | 1825  | 1709  | 1476  | 1587  | 1663  | 1959  | 1623  | 1426  | 1083  | 1221  | 1042  | 1040  | 1030  | 1426  | 1672  | 1863  | 1853  | 1334  | 928   | 622   | 590   | 1073  | 1211  | 1412  | 1489  | 1196  | 1489  |     |