

## Daily System Generation Summary on Thursday

Thursday, October 7, 2021

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,122 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,122 MW  |
| Total IPP    | 17,743 MW |
| Total Co-Gen | 0 MW      |
| Total System | 22,696 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 19,963         | 5.46 %          |
| Gas                     | 32,447         | 8.88 %          |
| <b>Total TNB</b>        | <b>52,410</b>  | <b>14.34 %</b>  |
| ST-Coal                 | 245,544        | 67.18 %         |
| LSS                     | 3,174          | 0.87 %          |
| Gas                     | 63,088         | 17.26 %         |
| <b>Total IPP</b>        | <b>311,806</b> | <b>85.31 %</b>  |
| Co-Gen                  | 1,218          | 0.33 %          |
| <b>Total Co-Gen</b>     | <b>1,218</b>   | <b>0.33 %</b>   |
| <b>Total Generation</b> | <b>365,434</b> | <b>99.99 %</b>  |
| PLTG                    | 649            | 0.18 %          |
| HVDC                    | -694           | -0.19 %         |
| <b>Interconnection</b>  | <b>-45</b>     | <b>-0.01 %</b>  |
| <b>Net Energy</b>       | <b>365,479</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: | 16:30:00 Hour |
| Total Set On Bus              | 18,404 MW     |
| TNB Generation                | 2,656 MW      |
| IPP Generation                | 14,421 MW     |
| Spinning Reserve              | 1,283 MW      |
| Maximum Demand                | 17,093 MW     |
| Net Energy                    | 365,479 MWH   |
| Load Factor                   | 89.09 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 78,871,058.00 RM |
| Cost per Unit | 21.57 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 532          |
| Hydro        | 382          |
| Syncon       | 334          |
| Thermal      | 164          |
| <b>Total</b> | <b>1,412</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 32          |
| Morning   | Sunny   | 26          |

### Gas Usage

| Station                   | (mmscfd)   |
|---------------------------|------------|
| GLGR                      | 29         |
| TJGS                      | 178        |
| <b>Total TNB</b>          | <b>207</b> |
| CBPS                      | 47         |
| KLPP                      | 3          |
| NPRI                      | 140        |
| PGLA                      | 100        |
| PLPS                      | 59         |
| SKSP                      | 21         |
| <b>Total IPP</b>          | <b>370</b> |
| <b>Total Gas</b>          | <b>577</b> |
| <b>Total Gas Required</b> | <b>577</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 | 14696 | 14171 | 13648 | 13221 | 12909 | 12756 | 12784 | 12915 | 13448 | 15021 | 16052 | 16465 | 16410 | 16328 | 16784 | 17014 | 17053 | 16723 | 15800 | 15941 | 16903 | 16588 | 16041 | 15760 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 3, 2021 1:04:36 PM  
 (Ir. Shanmugam Thoppalan)  
 Head  
 Grid System Operator

# 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 | 700   | 704   | 700  | 702  | 702  | 702  | 700  | 702  | 702  | 705  | 702  | 701  | 703  | 703  | 704  | 653  | 701  | 703  | 703   | 703   | 702   | 706   | 702   | 700   | 702   | 703   | 704   | 701   | 704   | 701   | 705   | 703   | 702   | 701   | 702   | 703   | 705   | 701   | 704   | 703   | 703   | 708   | 703   | 703   | 704   | 705   | 705   |       |     |
| JMAH          | U002 | 703   | 705   | 708  | 705  | 707  | 706  | 709  | 707  | 707  | 706  | 703  | 707  | 707  | 709  | 704  | 655  | 700  | 707  | 706   | 706   | 704   | 705   | 707   | 705   | 707   | 706   | 706   | 706   | 705   | 705   | 706   | 705   | 703   | 706   | 710   | 707   | 704   | 705   | 704   | 708   | 706   | 708   | 710   | 703   | 707   | 707   | 706   | 698   |     |
| JMHE          | U001 | 980   | 977   | 895  | 899  | 900  | 796  | 816  | 800  | 800  | 800  | 802  | 800  | 801  | 800  | 801  | 799  | 866  | 921  | 981   | 980   | 980   | 973   | 981   | 979   | 976   | 978   | 979   | 979   | 982   | 979   | 978   | 980   | 979   | 978   | 981   | 981   | 983   | 979   | 980   | 978   | 976   | 978   | 975   | 979   | 978   | 978   | 980   |       |     |
| JMHE          | U002 | 980   | 973   | 892  | 899  | 902  | 796  | 798  | 801  | 798  | 798  | 799  | 801  | 798  | 797  | 798  | 796  | 833  | 921  | 980   | 981   | 980   | 974   | 979   | 977   | 977   | 976   | 981   | 979   | 980   | 978   | 978   | 978   | 979   | 978   | 979   | 978   | 979   | 980   | 980   | 978   | 976   | 978   | 973   | 976   | 977   | 974   | 977   |       |     |
| JMJG          | U001 | 678   | 677   | 680  | 673  | 675  | 677  | 675  | 676  | 677  | 674  | 678  | 677  | 682  | 673  | 682  | 676  | 677  | 679  | 675   | 676   | 676   | 677   | 679   | 676   | 678   | 677   | 675   | 677   | 675   | 677   | 682   | 674   | 676   | 674   | 677   | 673   | 676   | 677   | 682   | 678   | 677   | 675   | 678   | 680   | 678   | 674   | 676   | 673   |     |
| JMJG          | U002 | 682   | 682   | 685  | 683  | 683  | 679  | 685  | 681  | 683  | 682  | 692  | 676  | 684  | 680  | 683  | 681  | 685  | 684  | 679   | 684   | 681   | 682   | 677   | 682   | 681   | 683   | 684   | 682   | 683   | 683   | 683   | 685   | 685   | 682   | 678   | 679   | 685   | 682   | 681   | 685   | 684   | 679   | 683   | 684   | 690   | 683   | 684   | 682   |     |
| JMJG          | U003 | 672   | 672   | 672  | 671  | 672  | 678  | 672  | 673  | 676  | 673  | 675  | 674  | 670  | 679  | 671  | 689  | 684  | 684  | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   | 684   |       |     |
| JMJG          | U004 | 979   | 959   | 902  | 904  | 903  | 869  | 810  | 807  | 808  | 808  | 806  | 808  | 808  | 807  | 810  | 810  | 828  | 884  | 943   | 978   | 977   | 979   | 977   | 977   | 980   | 977   | 977   | 981   | 981   | 979   | 977   | 978   | 981   | 979   | 977   | 978   | 980   | 979   | 978   | 977   | 978   | 977   | 978   | 977   | 979   | 978   | 979   | 978   |     |
| PKLG          | U003 | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 15    | 33    | 49    | 66    | 80    | 96    | 95    | 100   | 142   | 166   | 245   | 261   | 282   | 278   | 282   | 283   | 281   | 282   | 279   | 277   | 277   | 276   | 278   | 282   | 280   |       |       |     |
| PKLG          | U004 | 189   | 188   | 218  | 252  | 275  | 287  | 282  | 278  | 279  | 279  | 172  | 154  | 152  | 154  | 163  | 154  | 163  | 260  | 278   | 282   | 287   | 274   | 275   | 277   | 277   | 276   | 277   | 286   | 285   | 281   | 277   | 277   | 279   | 278   | 277   | 277   | 276   | 275   | 276   | 278   | 272   | 269   | 272   | 268   | 271   | 275   | 276   | 278   |     |
| PKLG          | U005 | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 26   | 60   | 84   | 84   | 95   | 137  | 153  | 161  | 161   | 160   | 160   | 148   | 150   | 186   | 202   | 233   | 306   | 322   | 323   | 322   | 320   | 386   | 459   | 466   | 469   | 465   | 467   | 470   | 468   | 469   | 465   | 466   | 467   | 474   | 465   | 462   | 470   | 471   |     |
| PKLG          | U006 | 446   | 443   | 443  | 385  | 296  | 267  | 268  | 268  | 269  | 269  | 266  | 271  | 269  | 268  | 269  | 267  | 291  | 376  | 436   | 446   | 444   | 445   | 443   | 443   | 444   | 444   | 443   | 444   | 443   | 436   | 438   | 425   | 430   | 425   | 440   | 445   | 442   | 440   | 443   | 445   | 443   | 444   | 444   | 443   | 444   | 445   | 443   | 441   |     |
| TBIN          | U001 | 700   | 698   | 699  | 698  | 699  | 693  | 700  | 697  | 648  | 649  | 650  | 597  | 601  | 649  | 695  | 695  | 697  | 699  | 695   | 697   | 698   | 698   | 695   | 696   | 696   | 697   | 696   | 698   | 697   | 698   | 699   | 699   | 697   | 696   | 695   | 696   | 696   | 696   | 696   | 696   | 696   | 696   | 696   | 696   | 696   | 696   | 696   | 696   |     |
| TBIN          | U002 | 700   | 699   | 702  | 702  | 703  | 701  | 699  | 704  | 651  | 650  | 652  | 600  | 603  | 652  | 703  | 704  | 700  | 703  | 695   | 705   | 702   | 697   | 703   | 699   | 698   | 702   | 699   | 701   | 698   | 704   | 702   | 697   | 700   | 702   | 700   | 698   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 701   | 700   |     |
| TBIN          | U003 | 705   | 705   | 699  | 698  | 701  | 700  | 701  | 701  | 651  | 653  | 651  | 612  | 600  | 651  | 702  | 697  | 702  | 698  | 698   | 700   | 698   | 700   | 699   | 698   | 698   | 700   | 700   | 698   | 700   | 698   | 698   | 699   | 699   | 700   | 698   | 698   | 698   | 698   | 698   | 698   | 698   | 698   | 698   | 698   | 699   | 699   | 700   | 699   |     |
| TBIN          | U004 | 982   | 952   | 901  | 902  | 901  | 847  | 804  | 802  | 800  | 801  | 800  | 802  | 802  | 804  | 803  | 803  | 834  | 902  | 986   | 982   | 982   | 982   | 984   | 981   | 983   | 984   | 983   | 983   | 985   | 986   | 982   | 983   | 982   | 982   | 982   | 980   | 984   | 984   | 982   | 981   | 982   | 983   | 982   | 981   | 982   | 982   | 982   | 984   | 983 |
| Total ST-Coal |      | 10096 | 10034 | 9796 | 9773 | 9719 | 9398 | 9319 | 9297 | 9149 | 9147 | 9074 | 8940 | 8964 | 9110 | 9283 | 9216 | 9514 | 9982 | 10301 | 10363 | 10356 | 10322 | 10335 | 10381 | 10416 | 10465 | 10557 | 10610 | 10618 | 10605 | 10606 | 10694 | 10803 | 10877 | 10907 | 10929 | 10931 | 10936 | 10933 | 10944 | 10926 | 10911 | 10931 | 10916 | 10926 | 10922 | 10938 | 10925 |     |
| 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     | 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 | 209   | 215   | 218  | 214  | 222  | 257  | 250  | 224  | 250  | 242  | 232  | 273  | 243  | 249  | 220  | 216  | 226  | 226  | 294   | 322   | 359   | 355   | 358   | 354   | 209   | 216   | 219   | 222   | 268   | 365   | 357   | 366   | 362   | 361   | 369   | 357   | 358   | 314   | 362   | 360   | 357   | 349   | 358   | 361   | 354   | 365   | 357   | 360   |     |
| GLGR          | GT01 | 97    | 97    | 96   | 97   | 96   | 98   | 97   | 96   | 97   | 98   | 98   | 97   | 98   | 100  | 98   | 96   | 96   | 96   | 96    | 98    | 95    | 109   | 98    | 95    | 94    | 95    | 95    | 96    | 95    | 96    | 94    | 96    | 95    | 96    | 95    | 97    | 96    | 96    | 96    | 97    | 95    | 95    | 97    | 95    | 96    | 96    | 96    | 96    |     |
| GLGR          | ST1C | 39    | 38    | 38   | 39   | 40   | 39   | 36   | 38   | 38   | 37   | 37   | 39   | 40   | 40   | 38   | 39   | 39   | 39   | 40    | 39    | 43    | 41    | 39    | 39    | 40    | 39    | 39    | 39    | 39    | 38    | 40    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    | 39    |       |     |
| KLPP          | GT14 | 130   | 129   | 130  | 16   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 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 | 65    | 65    | 65   | 20   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 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          | BLK1 | 323   | 326   | 323  | 388  | 352  | 340  | 331  | 329  | 332  | 331  | 329  | 336  | 330  | 330  | 321  | 323  | 330  | 329  | 506   | 515   | 515   | 507   | 513   | 508   | 499   | 446   | 344   | 444   | 512   | 511   | 505   | 514   | 509   | 511   | 511   | 503   | 505   | 515   | 513   | 515   | 506   | 498   | 509   | 508   | 502   | 515   | 515   | 515   |     |
| NPRI          | BLK2 | 324   | 333   | 327  | 329  | 331  | 382  | 363  | 337  | 361  | 353  | 338  | 399  | 359  | 360  | 326  | 330  | 334  | 341  | 511   | 484   | 520   | 509   | 497   | 496   | 461   | 329   | 354   | 340   | 510   | 511   | 499   | 516   | 500   | 512   | 514   | 514   | 506   | 518   | 516   | 515   | 512   | 502   | 511   | 507   | 482   | 520   | 518   | 520   |     |
| PCGP          | PGRG | 458   | 263   | 262  | 353  | 354  | 271  | 266  | 260  | 264  | 262  | 261  | 265  | 260  | 261  | 262  | 260  | 262  | 592  | 602   | 601   | 593   | 598   | 593   | 583   | 595   | 596   | 597   | 597   | 597   | 589   | 603   | 593   | 598   | 599   | 588   | 592   | 601   | 601   | 600   | 592   | 577   | 594   | 591   | 584   | 603   | 601   | 603   |       |     |
| PGLA          | GT11 | 166   | 168   | 167  | 167  | 169  | 173  | 171  | 170  | 172  | 170  | 171  | 169  | 171  | 168  | 168  | 171  | 170  | 166  | 169   | 207   | 213   | 184   | 166   | 163   | 167   | 167   | 168   | 168   | 167   | 168   | 167   | 169   | 167   | 166   | 169   | 166   | 165   | 169   | 169   | 169   | 215   | 214   | 204   | 214   | 167   | 164   | 170   | 169   |     |
| PGLA          | GT12 | 169   | 172   | 171  | 171  | 173  | 176  | 175  | 173  | 176  | 174  | 175  | 176  | 174  | 174  | 171  | 168  | 172  | 173  | 174   | 170   | 173   | 211   | 216   | 188   | 171   | 167   | 171   | 171   | 172   | 171   | 171   | 189   | 172   | 171   | 171   | 173   | 170   | 168   | 173   | 173   | 218   | 218   | 218   | 210   | 177   | 173   | 174   | 173   |     |
| PGLA          | ST10 | 202   | 203   | 204  | 204  | 204  | 206  | 206  | 204  | 205  | 204  | 204  | 205  | 205  | 205  | 204  | 203  | 205  | 205  | 205   | 205   | 223   | 243   | 223   | 205   | 204   | 206   | 205   | 206   | 207   | 206   | 220   | 207   | 205   | 207   | 206   | 205   | 204   | 206   | 207   | 241   | 241   | 237   | 238   | 206   | 202   | 207   | 207   | 206   |     |
| PLPS          | GT11 | 128   | 128   | 129  | 128  | 128  | 129  | 128  | 129  | 129  | 128  | 128  | 129  | 128  | 129  | 129  | 128  | 129  | 124  | 127   | 131   | 131   | 131   | 113   | 111   | 116   | 114   | 115   | 114   | 116   | 111   | 115   | 114   | 116   | 117   | 109   | 109   | 128   |       |       |       |       |       |       |       |       |       |       |       |     |

# 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             | HY01 | 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             | HY02 | 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             | HY03 | 10   | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 10   | 9    | 10   | 9    | 10   | 10   | 9    | 9    | 9    | 10   | 10   | 9    | 9    | 9    | 10   | 9    |
| CEND             | HY04 | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |
| HTRG             | 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    |
| HTRG             | HY02 | 14   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 63   | 63   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| KNRG             | HY01 | 21   | 21   | 21   | 21   | 21   | 21   | 0    | 0    | 0    | 0    | 0    | 0    | 22   | 34   | 34   | 34   | 34   | 21   | 21   | 21   | 21   | 34   | 34   | 24   |
| KNRG             | HY02 | 23   | 24   | 24   | 24   | 24   | 25   | 24   | 0    | 0    | 0    | 0    | 0    | 24   | 35   | 35   | 35   | 35   | 23   | 24   | 23   | 24   | 24   | 34   | 24   |
| KNRG             | HY03 | 20   | 20   | 21   | 20   | 20   | 22   | 21   | 21   | 22   | 22   | 22   | 22   | 21   | 22   | 22   | 22   | 22   | 22   | 22   | 34   | 34   | 34   | 34   | 20   |
| KNYR             | HY01 | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   | 94   |
| KNYR             | HY03 | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   | 95   |
| KNYR             | HY04 | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   | 96   |
| LPIA             | HY01 | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 20   | 20   | 20   | 20   |
| LPIA             | HY02 | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 20   | 20   |
| 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   | 19   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 19   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   |
| PGAU             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 20   | 21   |      |
| PGAU             | HY04 | 0    | 28   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 21   | 21   |      |
| SIHY             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 31   | 31   |      |
| SIHY             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 31   | 31   |      |
| SIHY             | HY03 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 31   | 31   |      |
| SYPS             | HY01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16   | 16   |      |
| SYPS             | HY02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16   | 16   |      |
| SYPS             | HY04 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16   | 16   |      |
| TMGR             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 51   | 81   | 42   | 42   | 81   | 81   | 81   | 81   | 81   | 81   | 80   | 81   |
| TMGR             | HY02 | 43   | 46   | 47   | 45   | 44   | 84   | 74   | 48   | 75   | 68   | 50   | 80   | 72   | 73   | 44   | 46   | 75   | 86   | 46   | 47   | 45   | 43   | 42   | 45   |
| TMGR             | HY03 | 39   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 81   | 82   | 82   | 82   | 81   | 82   | 81   | 30   | 33   | 33   | 81   |
| TMGR             | HY04 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 33   | 82   | 83   | 82   | 82   | 82   | 80   | 83   | 83   | 83   | 82   | 82   |
| UJLI             | HY01 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 91   | 141  | 89   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   |
| UJLI             | HY02 | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | -1   | 92   | 143  | 91   | 88   | -1   | -1   | -1   | -1   | 90   | 87   | 95   |
| UPIA             | HY01 | 5    | 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    |
| Total Hydro      |      | 570  | 547  | 521  | 518  | 517  | 560  | 548  | 454  | 503  | 475  | 447  | 476  | 532  | 533  | 439  | 441  | 619  | 923  | 969  | 978  | 1200 | 1352 | 1276 | 1141 |
| 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    |
| BDSL             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 2    | 9    | 15   | 17   | 13   | 17   | 24   | 26   | 27   | 24   | 7    |
| BKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 2    | 7    | 6    | 4    | 5    | 19   | 4    | 23   | 31   | 30   |      |
| BSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 9    | 9    | 28   | 8    | 24   | 15   | 4    | 2    | 12   | 8    |      |
| CHLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 6    | 14   | 18   | 28   | 24   | 33   | 35   | 25   | 45   | 38   |      |
| GBLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 23   | 31   | 33   | 32   | 40   | 39   | 32   |      |
| GELS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 5    | 9    | 13   | 14   | 16   | 21   | 25   | 26   | 25   | 18   |      |
| GNLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 4    | 14   | 14   | 7    | 12   | 9    | 15   | 13   | 5    | 16   |      |
| JSLs             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 9    | 12   | 24   | 32   | 33   | 37   | 43   | 33   | 48   | 35   |      |
| KKLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 2    | 5    | 7    | 18   | 5    | 37   | 14   | 6    | 9    | 4    |      |
| KRLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 13   | 8    | 10   | 13   | 17   | 4    | 7    | 11   | 23   | 27   |      |
| MCLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 11   | 16   | 23   | 29   | 32   | 38   | 42   | 42   | 39   | 39   |      |
| SPLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 10   | 11   | 14   | 16   | 45   | 24   | 28   | 40   | 52   | 51   |      |
| SSLS             | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 5    | 4    | 8    | 19   | 28   | 15   | 40   | 23   | 7    | 6    |      |

# 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 |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STLS    | LSS1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 3    | 8    | 12   | 17   | 21   | 22   | 25   | 28   | 29   | 29   | 29   | 29 | 15 | 10 | 13 | 16 | 15 | 11 | 5 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |