

## Daily System Generation Summary on Monday

Monday, August 26, 2019

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,011 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,011 MW  |
| Total IPP    | 14,553 MW |
| Total Co-Gen | 0 MW      |
| Total System | 19,066 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 9,487          | 2.61 %          |
| Gas                     | 46,674         | 12.86 %         |
| <b>Total TNB</b>        | <b>56,161</b>  | <b>15.47 %</b>  |
| ST-Coal                 | 165,109        | 45.48 %         |
| ST-Gas                  | 4,533          | 1.25 %          |
| LSS                     | 1,901          | 0.52 %          |
| Gas                     | 132,067        | 36.38 %         |
| <b>Total IPP</b>        | <b>303,610</b> | <b>83.63 %</b>  |
| Co-Gen                  | 1,357          | 0.37 %          |
| <b>Total Co-Gen</b>     | <b>1,357</b>   | <b>0.37 %</b>   |
| <b>Total Generation</b> | <b>361,128</b> | <b>99.47 %</b>  |
| PLTG                    | 36             | 0.01 %          |
| HVDC                    | -1,946         | -0.54 %         |
| <b>Interconnection</b>  | <b>-1,910</b>  | <b>-0.53 %</b>  |
| <b>Net Energy</b>       | <b>363,038</b> | <b>100.00 %</b> |

### Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 4/18/2019 | 18,566 MW   |
| Date: 4/18/2019 | 391,845 MWH |

### Set On Bus, TNB, IPP And MD

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:00:00 Hour |
| Total Set On Bus              | 18,780 MW     |
| TNB Generation                | 2,989 MW      |
| IPP Generation                | 14,279 MW     |
| Spinning Reserve              | 1,456 MW      |
| Maximum Demand                | 17,510 MW     |
| Net Energy                    | 363,038 MWH   |
| Load Factor                   | 86.39 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 72,609,440.26 RM |
| Cost per Unit | 20.09 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 547          |
| Hydro        | 458          |
| Syncon       | 479          |
| Thermal      | 159          |
| <b>Total</b> | <b>1,643</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 33          |
| Morning   | Sunny   | 27          |

### Gas Usage

| Station                   | (mmscfd)     |
|---------------------------|--------------|
| GLGR                      | 50           |
| PAKA                      | 37           |
| PGPS                      | 39           |
| TJGS                      | 213          |
| <b>Total TNB</b>          | <b>340</b>   |
| CBPS                      | 54           |
| KLPP                      | 99           |
| NPRI                      | 158          |
| PGLA                      | 111          |
| PLPS                      | 93           |
| SGB3                      | 70           |
| SGRI                      | 149          |
| SKSP                      | 49           |
| YPKA                      | 84           |
| PKLG                      | 46           |
| <b>Total IPP</b>          | <b>912</b>   |
| <b>Total Gas</b>          | <b>1,252</b> |
| <b>Total Gas Required</b> | <b>1,252</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 | 14050 | 13360 | 12905 | 12595 | 12269 | 12139 | 12483 | 12662 | 13284 | 15139 | 16012 | 16722 | 16719 | 16406 | 17045 | 17440 | 17510 | 17074 | 15982 | 15754 | 16697 | 16665 | 16069 | 15721 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, September 24, 2019 10:19:58 AM

(Ir. Shanmugam Thoppalan)  
Pengurus Besar Kanan  
Jabatan Sistem Operasi

# Daily MW Generation on Monday

| 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          | U002 | 694  | 696  | 697  | 693  | 695  | 693  | 695  | 696  | 695  | 693  | 694  | 696  | 693  | 693  | 693  | 693  | 693  | 694  | 692  | 695  | 693  | 694  | 694  | 695  | 693  | 696  | 691  | 698  | 695  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |     |     |     |
| JMHE          | U002 | 769  | 771  | 774  | 768  | 774  | 769  | 770  | 770  | 771  | 769  | 774  | 769  | 767  | 770  | 770  | 770  | 770  | 986  | 981  | 982  | 980  | 979  | 976  | 977  | 978  | 981  | 985  | 980  | 979  | 981  | 980  | 979  | 979  | 982  | 975  | 982  | 983  | 975  | 984  | 985  | 981  | 977  | 980  | 981   | 980  | 979  |      |      |     |     |     |
| JMJG          | U001 | 677  | 672  | 674  | 673  | 671  | 671  | 672  | 673  | 671  | 672  | 672  | 673  | 676  | 670  | 673  | 671  | 673  | 670  | 671  | 675  | 667  | 672  | 671  | 672  | 667  | 673  | 673  | 678  | 660  | 666  | 666  | 672  | 665  | 667  | 656  | 662  | 671  | 672  | 672  | 666  | 672  | 677  | 672  | 671   | 673  | 673  | 672  |      |     |     |     |
| JMJG          | U003 | 668  | 666  | 667  | 666  | 668  | 669  | 667  | 670  | 670  | 667  | 668  | 668  | 667  | 668  | 666  | 669  | 669  | 666  | 670  | 671  | 666  | 667  | 667  | 666  | 662  | 671  | 669  | 666  | 666  | 665  | 666  | 669  | 671  | 640  | 624  | 632  | 630  | 627  | 630  | 629  | 621  | 629  | 625  | 628   | 634  | 675  | 671  | 666  |     |     |     |
| JMJG          | U004 | 903  | 904  | 876  | 788  | 782  | 782  | 782  | 780  | 782  | 782  | 780  | 780  | 781  | 782  | 781  | 782  | 881  | 980  | 981  | 982  | 981  | 979  | 978  | 979  | 982  | 980  | 981  | 980  | 979  | 979  | 980  | 980  | 979  | 980  | 979  | 980  | 980  | 979  | 980  | 983  | 985  | 983  | 983  | 983   | 983  | 985  | 985  |      |     |     |     |
| PKLG          | U003 | 284  | 283  | 282  | 283  | 282  | 283  | 283  | 283  | 281  | 283  | 282  | 283  | 283  | 285  | 286  | 216  | 217  | 199  | 273  | 280  | 281  | 282  | 281  | 283  | 282  | 280  | 282  | 278  | 277  | 284  | 277  | 281  | 283  | 282  | 279  | 281  | 281  | 281  | 282  | 282  | 280  | 280  | 282  | 285   | 282  | 284  | 282  | 283  |     |     |     |
| PKLG          | U005 | 471  | 470  | 470  | 471  | 470  | 468  | 468  | 470  | 470  | 470  | 470  | 468  | 468  | 469  | 470  | 470  | 472  | 471  | 469  | 469  | 470  | 469  | 469  | 472  | 471  | 468  | 466  | 469  | 469  | 469  | 469  | 469  | 469  | 470  | 469  | 471  | 470  | 470  | 469  | 470  | 470  | 475  | 472  | 474   | 468  | 470  | 469  |      |     |     |     |
| TBIN          | U002 | 690  | 694  | 691  | 693  | 690  | 693  | 693  | 693  | 691  | 692  | 693  | 691  | 691  | 691  | 694  | 695  | 690  | 690  | 694  | 692  | 692  | 693  | 691  | 693  | 695  | 689  | 691  | 692  | 691  | 691  | 694  | 695  | 692  | 692  | 691  | 689  | 689  | 695  | 694  | 694  | 690  | 693  | 692  | 690   | 690  | 691  | 690  | 687  | 688 | 691 |     |
| TBIN          | U003 | 691  | 693  | 696  | 691  | 689  | 691  | 691  | 690  | 691  | 683  | 691  | 692  | 689  | 693  | 693  | 691  | 691  | 688  | 691  | 685  | 687  | 693  | 692  | 693  | 694  | 691  | 694  | 694  | 694  | 695  | 692  | 692  | 692  | 691  | 689  | 689  | 695  | 694  | 694  | 690  | 693  | 692  | 690  | 690   | 691  | 690  | 687  | 688  | 691 |     |     |
| TBIN          | U004 | 902  | 904  | 873  | 784  | 783  | 783  | 783  | 782  | 782  | 784  | 782  | 785  | 781  | 783  | 783  | 782  | 782  | 831  | 923  | 982  | 986  | 981  | 984  | 982  | 982  | 982  | 983  | 981  | 983  | 981  | 984  | 983  | 983  | 981  | 983  | 983  | 982  | 982  | 982  | 982  | 982  | 982  | 982  | 981   | 982  | 982  | 980  | 981  |     |     |     |
| Total ST-Coal |      | 6749 | 6753 | 6700 | 6510 | 6504 | 6502 | 6504 | 6507 | 6503 | 6497 | 6501 | 6510 | 6499 | 6500 | 6508 | 6439 | 6437 | 6563 | 6835 | 7116 | 7112 | 7103 | 7113 | 7107 | 7103 | 7108 | 7115 | 7109 | 7113 | 7100 | 7096 | 7110 | 7108 | 7075 | 7055 | 7058 | 7058 | 7075 | 7074 | 7067 | 7063 | 7080 | 7080 | 7076  | 7082 | 7117 | 7113 | 7115 |     |     |     |
| 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    | 0   |     |     |
| PKLG          | U001 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 15   | 28   | 65   | 84   | 119  | 147  | 150  | 147  | 147  | 147  | 147  | 147  | 147  | 146  | 146  | 146  | 146  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147   | 147  | 147  | 147  | 147  |     |     |     |
| PKLG          | U002 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 31   | 52   | 57   | 79   | 123  | 151  | 157  | 149  | 147  | 147  | 147  | 146  | 146  | 166  | 221  | 266  | 246  | 173  | 146  | 147  | 146  | 185  | 248  | 249  | 249  | 249  | 243   | 163  | 147  | 147  | 147  |     |     |     |
| Total ST-Gas  |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 27   | 59   | 117  | 141  | 198  | 270  | 301  | 304  | 296  | 294  | 294  | 293  | 292  | 312  | 367  | 412  | 393  | 320  | 293  | 294  | 293  | 332  | 395  | 396  | 396  | 396  | 396  | 396   | 396  | 396  | 396  | 396  | 396 | 396 | 396 |
| CBPS          | BLK2 | 357  | 365  | 353  | 361  | 363  | 360  | 362  | 358  | 355  | 299  | 220  | 298  | 362  | 365  | 362  | 362  | 362  | 361  | 362  | 355  | 367  | 360  | 362  | 362  | 354  | 359  | 360  | 361  | 365  | 359  | 361  | 357  | 364  | 361  | 352  | 350  | 349  | 358  | 357  | 362  | 356  | 357  | 354  | 360   | 357  | 362  | 364  |      |     |     |     |
| GLGR          | GT01 | 101  | 66   | 70   | 70   | 70   | 69   | 71   | 69   | 68   | 69   | 69   | 69   | 70   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 70   | 93   | 93   | 93   | 92   | 68   | 67   | 69   | 68   | 96   | 96   | 97   | 98   | 97   | 95   | 69   | 67   | 70   | 89    | 99   | 100  | 100  | 100  | 100 | 100 |     |
| GLGR          | GT02 | 101  | 67   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 70   | 93   | 93   | 93   | 93   | 67   | 68   | 68   | 68   | 97   | 97   | 96   | 96   | 96   | 96   | 67   | 69   | 68   | 90    | 100  | 100  | 100  | 100  | 100 | 100 | 100 |
| GLGR          | ST1C | 89   | 71   | 69   | 69   | 69   | 69   | 69   | 70   | 69   | 69   | 69   | 68   | 69   | 70   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 84   | 84   | 84   | 76   | 69   | 69   | 69   | 86   | 86   | 86   | 86   | 86   | 86   | 75   | 70   | 70   | 78   | 89    | 89   | 89   | 89   | 89   | 89  | 88  | 88  |
| KLPP          | GT13 | 136  | 123  | 123  | 123  | 123  | 70   | 71   | 71   | 71   | 71   | 71   | 74   | 74   | 110  | 112  | 110  | 137  | 136  | 136  | 134  | 137  | 137  | 137  | 136  | 128  | 130  | 130  | 133  | 136  | 137  | 137  | 136  | 136  | 136  | 137  | 137  | 136  | 137  | 138  | 137  | 138  | 137  | 137  | 137   | 137  | 137  | 137  | 137  | 137 |     |     |
| KLPP          | GT14 | 146  | 80   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 95   | 154  | 155  | 154  | 154  | 153  | 153  | 152  | 132  | 131  | 130  | 137  | 153  | 150  | 151  | 154  | 151  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 155  | 154   | 154  | 154  | 154  | 154  |     |     |     |
| KLPP          | GT15 | 144  | 138  | 136  | 138  | 137  | 81   | 81   | 81   | 79   | 79   | 77   | 84   | 84   | 119  | 116  | 117  | 155  | 151  | 151  | 150  | 148  | 150  | 148  | 132  | 131  | 131  | 136  | 148  | 148  | 148  | 148  | 147  | 147  | 149  | 149  | 149  | 148  | 147  | 147  | 147  | 148  | 148  | 149  | 149   | 150  | 148  | 149  | 149  | 149 |     |     |
| KLPP          | ST17 | 203  | 179  | 159  | 131  | 129  | 94   | 90   | 90   | 89   | 86   | 89   | 89   | 90   | 90   | 122  | 122  | 166  | 206  | 204  | 202  | 203  | 203  | 203  | 203  | 202  | 194  | 195  | 195  | 202  | 200  | 200  | 201  | 201  | 202  | 202  | 202  | 200  | 200  | 202  | 202  | 202  | 202  | 202  | 202   | 202  | 202  | 202  | 201  | 201 |     |     |
| NPRI          | BLK1 | 506  | 511  | 508  | 512  | 510  | 513  | 511  | 512  | 505  | 505  | 508  | 509  | 512  | 512  | 506  | 509  | 510  | 513  | 511  | 508  | 514  | 511  | 511  | 509  | 500  | 506  | 511  | 510  | 514  | 509  | 508  | 512  | 511  | 509  | 495  | 495  | 495  | 509  | 503  | 503  | 506  | 502  | 502  | 497   | 502  | 501  | 510  | 511  |     |     |     |
| NPRI          | BLK2 | 508  | 512  | 511  | 514  | 514  | 513  | 511  | 512  | 506  | 507  | 510  | 512  | 515  | 514  | 509  | 512  | 514  | 514  | 514  | 509  | 515  | 512  | 511  | 511  | 502  | 508  | 512  | 510  | 516  | 509  | 511  | 514  | 514  | 512  | 498  | 497  | 499  | 510  | 506  | 505  | 508  | 506  | 506  | 499   | 504  | 505  | 512  | 511  |     |     |     |
| PAKA          | GT4A | 18   | 85   | 84   | 86   | 84   | 85   | 85   | 85   | 84   | 85   | 85   | 85   | 84   | 85   | 85   | 95   | 94   | 95   | 94   | 94   | 94   | 94   | 94   | 93   | 92   | 92   | 92   | 92   | 92   | 91   | 90   | 90   | 90   | 90   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85    | 85   | 85   | 85   | 85   |     |     |     |
| PAKA          | GT4B | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 71   | 69   | 68   | 71   | 84   | 83   | 83   | 81   | 81   | 81   | 81   | 81   | 81   | 81   | 81   | 81   | 82   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75    | 75   | 75   | 75   | 75   |     |     |     |
| PAKA          | ST4C | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 13   | 32   | 39   | 40   | 42   | 42   | 42   | 62   | 87   | 80   | 90   | 90   | 90   | 90   | 90   | 90   | 90   | 90   | 83   | 81   | 81   | 80   | 80   | 80   | 80   | 80   | 80   | 80    | 80   | 80   | 80   | 80   |     |     |     |
| PCGP          | PGRG | 596  | 604  | 596  | 603  | 603  | 602  | 602  | 603  | 595  | 595  | 599  | 604  | 606  | 604  | 599  | 602  | 605  | 603  | 615  | 614  | 616  | 614  | 614  | 611  | 613  | 610  | 613  | 612  | 600  | 602  | 606  | 604  | 601  | 585  | 585  | 588  | 604  | 595  | 593  | 598  | 591  | 594  | 585  | 594   | 590  | 601  | 603  |      |     |     |     |
| PGLA          | GT11 | 214  | 218  | 217  | 218  | 202  | 213  | 206  | 178  | 165  | 164  | 166  | 166  | 174  | 216  | 183  | 182  | 212  | 221  | 221  | 219  | 223  | 221  | 221  | 223  | 218  | 220  | 205  | 205  | 208  | 220  | 222  | 222  | 222  | 221  | 217  | 217  | 216  | 166  | 161  | 220  | 224  | 218  | 220  | 219   | 221  | 219  | 221  | 221  |     |     |     |
| PGLA          | GT12 | 223  | 225  | 224  | 225  | 209  | 221  | 214  | 184  | 171  | 170  | 172  | 172  | 181  | 222  | 190  | 189  | 218  | 230  | 229  | 227  | 229  | 228  | 228  | 228  | 224  | 222  | 212  | 211  | 214  | 227  | 228  | 228  | 228  | 228  | 219  | 219  | 218  | 172  | 169  | 225  | 222  | 226  | 225  | 223</ |      |      |      |      |     |     |     |

### Daily MW Generation on Monday

[illegible]

# Daily MW Generation on Monday

| 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  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| BDLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 4     | 8     | 8     | 12    | 16    | 15    | 14    | 17    | 22    | 22    | 20    | 24    | 22    | 24    | 11    | 10    | 15    | 14    | 5     | 7     | 2     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |
| CHLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 5     | 9     | 12    | 15    | 26    | 31    | 30    | 22    | 38    | 21    | 24    | 23    | 43    | 22    | 16    | 14    | 2     | 2     | 2     | 3     | 4     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |     |
| GBLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 2     | 2     | 12    | 13    | 34    | 24    | 34    | 43    | 43    | 45    | 39    | 39    | 39    | 39    | 33    | 24    | 24    | 13    | 10    | 10    | 2     | 2     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |
| GNLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 6     | 8     | 14    | 18    | 16    | 20    | 27    | 26    | 31    | 33    | 39    | 42    | 41    | 41    | 26    | 18    | 17    | 17    | 16    | 10    | 6     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |
| KKLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 5     | 7     | 9     | 11    | 22    | 35    | 37    | 41    | 46    | 44    | 47    | 41    | 32    | 14    | 19    | 16    | 17    | 14    | 9     | 6     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |
| MCLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 5     | 7     | 13    | 22    | 24    | 37    | 43    | 34    | 41    | 37    | 49    | 50    | 43    | 44    | 39    | 35    | 34    | 30    | 23    | 11    | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |
| SPLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 11    | 19    | 27    | 33    | 39    | 44    | 50    | 24    | 54    | 21    | 31    | 32    | 30    | 15    | 29    | 28    | 36    | 20    | 15    | 19    | 8     | 1     | 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     | 2     | 6     | 8     | 15    | 17    | 26    | 30    | 31    | 32    | 34    | 28    | 32    | 31    | 20    | 33    | 17    | 17    | 19    | 20    | 13    | 9     | 4     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |
| Total LSS       |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 3     | 22    | 50    | 77    | 122   | 154   | 221   | 241   | 249   | 262   | 288   | 266   | 281   | 295   | 250   | 221   | 184   | 149   | 160   | 123   | 82    | 68    | 29    | 7     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |     |
| PCUF            | CUFG | 30    | 24    | 24    | 26    | 26    | 24    | 27    | 25    | 25    | 26    | 26    | 25    | 26    | 24    | 26    | 23    | 23    | 24    | 20    | 23    | 24    | 24    | 23    | 24    | 25    | 24    | 24    | 23    | 22    | 23    | 25    | 25    | 25    | 24    | 24    | 24    | 24    | 24    | 24    | 25    | 24    | 25    | 26    | 26    |       |       |       |       |     |
| PCUF            | CUFK | 32    | 31    | 30    | 33    | 33    | 33    | 32    | 33    | 31    | 32    | 32    | 32    | 31    | 33    | 32    | 33    | 33    | 31    | 30    | 30    | 32    | 33    | 30    | 32    | 33    | 32    | 30    | 32    | 30    | 31    | 32    | 34    | 32    | 33    | 33    | 34    | 32    | 33    | 30    | 31    | 31    | 32    | 32    | 31    |       |       |       |       |     |
| Total Co-Gen    |      | 62    | 55    | 54    | 59    | 59    | 59    | 56    | 60    | 56    | 57    | 58    | 58    | 59    | 59    | 56    | 60    | 56    | 55    | 56    | 51    | 56    | 56    | 57    | 57    | 54    | 54    | 55    | 56    | 57    | 53    | 56    | 58    | 56    | 56    | 53    | 53    | 55    | 59    | 58    | 58    | 58    | 56    | 57    | 55    | 55    | 56    | 58    | 57    |     |
| Total Gen       |      | 14033 | 13663 | 13306 | 13061 | 12874 | 12686 | 12566 | 12385 | 12231 | 12089 | 12095 | 12125 | 12414 | 12790 | 12689 | 12734 | 13249 | 14335 | 15085 | 15600 | 15947 | 16177 | 16484 | 16641 | 16525 | 16224 | 16169 | 16524 | 16836 | 17219 | 17195 | 17261 | 17324 | 17265 | 16944 | 16345 | 15965 | 15563 | 15689 | 16448 | 16666 | 16676 | 16603 | 16450 | 16018 | 15894 | 15668 | 15323 |     |
| 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     |       |     |
| TIE-HVDC        |      | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -196  | -196  | -197  | -197  | -195  | -195  | -196  | -195  | -195  | -195  | -197  | -195  | -195  | -195  | -195  | -198  | -30   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   |       |       |     |
| TIE-PLTG        |      | 12    | 25    | -24   | -3    | -2    | 9     | 0     | -2    | -9    | 9     | -15   | -36   | -41   | 71    | 56    | 16    | -3    | -6    | -15   | 33    | -17   | 6     | -19   | 8     | 28    | 8     | -1    | -6    | 0     | 71    | -5    | 13    | 16    | 34    | 73    | 50    | 16    | -67   | -36   | -48   | -3    | -14   | -33   | -7    | -22   | -11   | -24   | -12   |     |
| Interconnection |      | -17   | -4    | -54   | -32   | -31   | -20   | -29   | -30   | -38   | -20   | -44   | -65   | -69   | 42    | 27    | -12   | -31   | -35   | -43   | 4     | -46   | -191  | -215  | -190  | -169  | -187  | -196  | -202  | -195  | -123  | -200  | -184  | -179  | -162  | -123  | -148  | -14   | -96   | -65   | -77   | -31   | -43   | -62   | -36   | -51   | -41   | -53   | -41   |     |
| System Total    |      | 14050 | 13667 | 13360 | 13093 | 12905 | 12706 | 12595 | 12415 | 12269 | 12109 | 12139 | 12190 | 12483 | 12748 | 12662 | 12746 | 13284 | 14377 | 15139 | 15617 | 16012 | 16385 | 16722 | 16858 | 16719 | 16440 | 16406 | 16745 | 17045 | 17382 | 17440 | 17455 | 17510 | 17440 | 17074 | 16497 | 15982 | 15661 | 15754 | 16525 | 16697 | 16719 | 16665 | 16486 | 16069 | 15935 | 15721 | 15364 |     |
| SRev ST-Coal    |      | 396   | 251   | 250   | 263   | 261   | 264   | 262   | 259   | 262   | 269   | 264   | 252   | 264   | 266   | 257   | 285   | 244   | 266   | 175   | 124   | 128   | 137   | 127   | 133   | 137   | 132   | 125   | 131   | 127   | 140   | 144   | 130   | 132   | 115   | 135   | 132   | 132   | 115   | 116   | 123   | 127   | 110   | 110   | 114   | 108   | 123   | 127   | 125   |     |
| 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     |     |
| SRev CCGT-Gas   |      | 869   | 785   | 856   | 866   | 1027  | 1242  | 1347  | 1519  | 1666  | 1824  | 1941  | 1920  | 1729  | 1361  | 1494  | 1594  | 1318  | 767   | 650   | 657   | 461   | 636   | 526   | 416   | 501   | 852   | 1022  | 866   | 758   | 417   | 386   | 379   | 368   | 408   | 616   | 852   | 949   | 1267  | 910   | 481   | 562   | 564   | 681   | 628   | 783   | 807   | 1012  | 530   |     |
| 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     |      | -22   | -15   | -14   | -19   | -19   | -19   | -16   | -20   | -16   | -17   | -18   | -18   | -19   | -19   | -16   | -20   | -16   | -15   | -16   | -11   | -16   | -16   | -17   | -17   | -14   | -14   | -15   | -16   | -17   | -13   | 9     | 7     | 9     | 9     | 12    | 12    | 10    | 6     | 7     | 7     | 9     | 8     | 10    | 10    | 9     | 7     | 8     |       |     |
| Syncon          |      | 676   | 827   | 827   | 676   | 827   | 676   | 827   | 827   | 827   | 827   | 827   | 827   | 827   | 676   | 676   | 827   | 827   | 827   | 827   | 701   | 550   | 701   | 388   | 388   | 388   | 539   | 388   | 539   | 539   | 539   | 388   | 539   | 453   | 302   | 453   | 388   | 701   | 978   | 827   | 827   | 625   | 453   | 453   | 151   | 514   | 827   | 827   | 726   | 449 |
| Hydro           |      | 272   | 139   | 144   | 273   | 142   | 264   | 127   | 143   | 142   | 272   | 143   | 143   | 111   | 255   | 272   | 141   | 138   | 128   | 233   | 416   | 247   | 425   | 407   | 567   | 456   | 580   | 441   | 502   | 460   | 609   | 467   | 493   | 608   | 499   | 598   | 537   | 254   | 263   | 270   | 417   | 449   | 453   | 712   | 399   | 213   | 194   | 173   | 395   |     |
| S.Reserve Total |      | 2191  | 1987  | 2063  | 2059  | 2238  | 2427  | 2547  | 2728  | 2881  | 3024  | 3157  | 3124  | 2912  | 2539  | 2683  | 2827  | 2511  | 2018  | 1789  | 1786  | 1573  | 1625  | 1486  | 1514  | 1640  | 2015  | 2188  | 2089  | 1934  | 1608  | 1577  | 1495  | 1456  | 1500  | 1784  | 2266  | 2379  | 2509  | 2161  | 1683  | 1593  | 1583  | 1656  | 1659  | 1941  | 1988  | 2072  | 1538  |     |