

## Daily System Generation Summary on Monday

Monday, November 25, 2019

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,342 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,342 MW  |
| Total IPP    | 15,348 MW |
| Total Co-Gen | 65 MW     |
| Total System | 19,258 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 21,687         | 6.11 %          |
| Gas                     | 24,395         | 6.87 %          |
| <b>Total TNB</b>        | <b>46,082</b>  | <b>12.99 %</b>  |
| ST-Coal                 | 177,341        | 49.98 %         |
| ST-Gas                  | 7,908          | 2.23 %          |
| LSS                     | 1,734          | 0.49 %          |
| Gas                     | 119,836        | 33.77 %         |
| <b>Total IPP</b>        | <b>306,819</b> | <b>86.46 %</b>  |
| Co-Gen                  | 552            | 0.16 %          |
| <b>Total Co-Gen</b>     | <b>552</b>     | <b>0.16 %</b>   |
| <b>Total Generation</b> | <b>353,453</b> | <b>99.60 %</b>  |
| PLTG                    | -526           | -0.15 %         |
| HVDC                    | -879           | -0.25 %         |
| <b>Interconnection</b>  | <b>-1,405</b>  | <b>-0.40 %</b>  |
| <b>Net Energy</b>       | <b>354,858</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: | 14:30:00 Hour |
| Total Set On Bus              | 18,514 MW     |
| TNB Generation                | 2,754 MW      |
| IPP Generation                | 14,229 MW     |
| Spinning Reserve              | 1,508 MW      |
| Maximum Demand                | 17,134 MW     |
| Net Energy                    | 354,858 MWH   |
| Load Factor                   | 86.29 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 67,544,437.43 RM |
| Cost per Unit | 19.10 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 491          |
| Hydro        | 480          |
| Syncon       | 539          |
| Thermal      | 137          |
| <b>Total</b> | <b>1,647</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 34          |
| Morning   | Sunny   | 26          |

### Gas Usage

| Station                   | (mmscfd)     |
|---------------------------|--------------|
| GLGR                      | 17           |
| PAKA                      | 14           |
| PGPS                      | 39           |
| SRDG                      | 3            |
| TJGS                      | 107          |
| <b>Total TNB</b>          | <b>180</b>   |
| CBPS                      | 54           |
| KLPP                      | 101          |
| MPSS                      | 46           |
| NPRI                      | 158          |
| PLPS                      | 87           |
| PTEK                      | 8            |
| SGB3                      | 71           |
| SGRI                      | 129          |
| SKSP                      | 51           |
| YPKA                      | 84           |
| PKLG                      | 80           |
| <b>Total IPP</b>          | <b>870</b>   |
| <b>Total Gas</b>          | <b>1,049</b> |
| <b>Total Gas Required</b> | <b>1,049</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 | 13525 | 12930 | 12474 | 12137 | 11905 | 11876 | 11993 | 12291 | 13107 | 14880 | 15975 | 16680 | 16690 | 16499 | 17022 | 17048 | 16995 | 16756 | 15761 | 15904 | 16045 | 15760 | 15316 | 14724 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, December 05, 2019 8:46:26 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          | U001 | 692  | 693  | 693  | 694  | 691  | 693  | 692  | 693  | 691  | 692  | 692  | 693  | 692  | 693  | 692  | 691  | 691  | 691  | 694  | 693  | 693  | 690  | 693  | 692  | 694  | 693  | 691  | 693  | 692  | 693  | 694  | 693  | 683  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
| JMHE          | U001 | 898  | 894  | 901  | 780  | 780  | 781  | 778  | 778  | 782  | 780  | 781  | 781  | 778  | 781  | 784  | 782  | 983  | 981  | 982  | 981  | 979  | 979  | 980  | 979  | 980  | 980  | 980  | 978  | 978  | 982  | 980  | 982  | 981  | 981  | 979  | 896  | 898  | 902  | 900  | 900  | 899  | 896  | 900  | 894  | 899  | 897  | 900  |      |     |     |
| JMHE          | U002 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 45   | 132  | 219  | 499  | 520  | 586  | 905  | 902  | 899  | 901  | 900  | 896  | 898  | 894  | 899  | 899  | 1018 |      |      |      |     |     |
| JMJG          | U003 | 667  | 674  | 668  | 664  | 670  | 670  | 667  | 672  | 671  | 668  | 668  | 666  | 667  | 668  | 671  | 666  | 666  | 665  | 666  | 668  | 667  | 664  | 662  | 667  | 670  | 669  | 667  | 668  | 664  | 667  | 667  | 666  | 666  | 666  | 666  | 671  | 667  | 666  | 667  | 667  | 666  | 667  | 668  | 666  | 669  | 670  | 663  | 662  |     |     |
| JMJG          | U005 | 898  | 901  | 882  | 785  | 777  | 787  | 783  | 782  | 781  | 782  | 782  | 782  | 780  | 778  | 783  | 782  | 824  | 902  | 970  | 981  | 978  | 974  | 976  | 975  | 977  | 978  | 977  | 978  | 977  | 977  | 978  | 980  | 976  | 977  | 977  | 895  | 899  | 901  | 902  | 908  | 902  | 901  | 900  | 900  | 900  | 902  | 904  |      |     |     |
| PKLG          | U003 | 283  | 281  | 284  | 282  | 284  | 282  | 282  | 279  | 282  | 282  | 284  | 284  | 284  | 285  | 281  | 283  | 281  | 284  | 281  | 280  | 282  | 281  | 283  | 285  | 283  | 282  | 282  | 279  | 283  | 285  | 283  | 282  | 283  | 282  | 283  | 281  | 285  | 282  | 283  | 281  | 281  | 281  | 279  | 280  | 282  | 284  | 283  | 282  |     |     |
| PKLG          | U004 | 282  | 278  | 279  | 281  | 281  | 278  | 278  | 278  | 281  | 280  | 281  | 281  | 280  | 292  | 281  | 279  | 280  | 280  | 280  | 280  | 279  | 280  | 281  | 280  | 281  | 278  | 281  | 278  | 275  | 276  | 280  | 280  | 282  | 290  | 282  | 281  | 278  | 282  | 281  | 280  | 283  | 280  | 276  | 281  | 282  | 279  | 284  | 284  |     |     |
| PKLG          | U005 | 463  | 460  | 458  | 460  | 463  | 464  | 464  | 464  | 462  | 458  | 460  | 462  | 462  | 462  | 459  | 461  | 462  | 462  | 462  | 461  | 463  | 462  | 459  | 462  | 464  | 463  | 464  | 463  | 464  | 465  | 464  | 464  | 464  | 465  | 464  | 461  | 464  | 461  | 462  | 462  | 460  | 459  | 460  | 462  | 462  | 461  | 462  | 460  | 462 | 461 |
| TBIN          | U001 | 689  | 691  | 691  | 691  | 687  | 691  | 690  | 689  | 690  | 692  | 690  | 689  | 690  | 692  | 690  | 689  | 691  | 690  | 689  | 690  | 689  | 690  | 689  | 690  | 689  | 690  | 688  | 689  | 688  | 689  | 690  | 688  | 689  | 691  | 689  | 689  | 689  | 690  | 690  | 689  | 689  | 692  | 690  | 690  | 690  | 690  | 679  |      |     |     |
| TBIN          | U002 | 694  | 686  | 690  | 692  | 697  | 691  | 692  | 693  | 693  | 693  | 693  | 693  | 693  | 692  | 691  | 694  | 692  | 694  | 693  | 689  | 692  | 691  | 691  | 692  | 693  | 692  | 691  | 691  | 696  | 687  | 692  | 693  | 695  | 686  | 693  | 693  | 697  | 693  | 692  | 695  | 693  | 692  | 689  | 691  | 693  | 694  | 692  | 681  |     |     |
| TBIN          | U003 | 689  | 690  | 691  | 690  | 694  | 690  | 689  | 690  | 690  | 690  | 693  | 688  | 692  | 691  | 687  | 698  | 687  | 694  | 689  | 691  | 691  | 689  | 691  | 687  | 691  | 687  | 692  | 691  | 689  | 693  | 686  | 691  | 695  | 686  | 690  | 697  | 692  | 691  | 684  | 689  | 693  | 690  | 691  | 689  | 690  | 687  | 689  | 682  |     |     |
| TBIN          | U004 | 903  | 903  | 891  | 802  | 782  | 783  | 782  | 781  | 782  | 783  | 783  | 782  | 782  | 782  | 782  | 852  | 941  | 983  | 983  | 981  | 981  | 981  | 980  | 982  | 983  | 983  | 981  | 981  | 981  | 982  | 984  | 982  | 983  | 981  | 982  | 901  | 904  | 903  | 902  | 902  | 904  | 903  | 905  | 900  | 905  | 903  | 904  |      |     |     |
| Total ST-Coal |      | 7158 | 7151 | 7128 | 6821 | 6806 | 6810 | 6797 | 6799 | 6805 | 6800 | 6807 | 6800 | 6808 | 6810 | 6798 | 6814 | 6797 | 7121 | 7279 | 7385 | 7400 | 7389 | 7383 | 7391 | 7402 | 7393 | 7397 | 7393 | 7391 | 7388 | 7394 | 7444 | 7538 | 7616 | 7903 | 7921 | 7739 | 8065 | 8056 | 8057 | 8071 | 8057 | 8043 | 8055 | 8049 | 8061 | 8057 | 8140 |     |     |
| 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    |     |     |
| PKLG          | U001 | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  | 147  |      |      |     |     |
| PKLG          | U002 | 146  | 146  | 146  | 146  | 147  | 147  | 147  | 147  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  |      |     |     |
| Total ST-Gas  |      | 293  | 293  | 293  | 293  | 294  | 294  | 294  | 294  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 293  | 297  | 383  | 426  | 430  | 434  | 433  | 432  | 434  | 435  | 434  | 435  | 434  | 435  | 434  | 422  | 354  | 304  | 293  | 293  | 293  | 349  | 293  | 293  | 293  | 293 |     |
| CBPS          | BLK2 | 353  | 354  | 347  | 360  | 358  | 357  | 357  | 359  | 355  | 358  | 246  | 328  | 363  | 367  | 362  | 359  | 359  | 360  | 360  | 358  | 360  | 361  | 358  | 363  | 362  | 362  | 353  | 362  | 363  | 365  | 365  | 363  | 361  | 360  | 352  | 358  | 359  | 359  | 357  | 362  | 362  | 359  | 360  | 360  | 354  | 353  | 354  | 355  |     |     |
| GLGR          | GT01 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 26   | 40   | 51   | 45   | 45   | 55   | 99   | 105  | 103  | 105  | 104  | 106  | 105  | 104  | 104  | 105  | 106  | 105  | 103  | 93   | 93   | 94   | 107  | 106  | 93   | 95   | 93   | 94   | 93   | 94   | 93   | 94   | 93   | 94  |     |
| GLGR          | ST1C | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 22   | 35   | 42   | 42   | 43   | 43   | 43   | 43   | 43   | 44   | 44   | 44   | 43   | 41   | 40   | 41   | 43   | 44   | 41   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |      |     |     |
| KLPP          | GT13 | 137  | 138  | 133  | 134  | 133  | 134  | 115  | 72   | 72   | 68   | 73   | 73   | 92   | 107  | 130  | 127  | 133  | 134  | 133  | 131  | 132  | 132  | 134  | 133  | 132  | 133  | 133  | 133  | 133  | 133  | 133  | 133  | 135  | 134  | 126  | 134  | 133  | 135  | 131  | 135  | 140  | 130  | 133  | 125  | 114  | 121  | 110  |      |     |     |
| KLPP          | GT14 | 157  | 158  | 142  | 31   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 63   | 156  | 156  | 156  | 157  | 157  | 156  | 157  | 157  | 157  | 158  | 158  | 158  | 158  | 157  | 156  | 157  | 158  | 161  | 148  | 140  | 143  | 144  | 145  | 141  | 154  | 129  | 142  | 139  | 128  | 134  | 120  |      |     |     |
| KLPP          | GT15 | 156  | 156  | 153  | 153  | 153  | 142  | 117  | 80   | 82   | 82   | 86   | 82   | 80   | 117  | 120  | 140  | 140  | 155  | 152  | 152  | 152  | 150  | 151  | 155  | 152  | 154  | 154  | 151  | 151  | 152  | 154  | 153  | 153  | 153  | 149  | 141  | 145  | 146  | 146  | 141  | 150  | 132  | 144  | 141  | 129  | 137  | 120  |      |     |     |
| KLPP          | ST17 | 207  | 207  | 207  | 174  | 132  | 129  | 116  | 92   | 87   | 87   | 89   | 89   | 87   | 103  | 117  | 133  | 125  | 202  | 202  | 202  | 201  | 201  | 201  | 201  | 202  | 198  | 201  | 202  | 199  | 199  | 198  | 198  | 199  | 199  | 200  | 194  | 198  | 194  | 198  | 202  | 198  | 198  | 190  | 202  | 194  | 190  | 194  | 182  |     |     |
| MPSS          | GT01 | 88   | 88   | 87   | 89   | 89   | 90   | 88   | 88   | 88   | 87   | 92   | 88   | 91   | 89   | 87   | 87   | 87   | 87   | 87   | 112  | 108  | 107  | 107  | 106  | 105  | 107  | 106  | 106  | 105  | 105  | 106  | 104  | 104  | 104  | 105  | 68   | 71   | 70   | 83   | 101  | 101  | 103  | 102  | 101  | 79   | 73   | 106  | 87   |     |     |
| MPSS          | GT02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 14   | 33   | 37   | 107  | 106  | 106  | 107  | 107  | 105  | 105  | 106  | 105  | 105  | 106  | 106  | 106  | 106  | 105  | 69   | 72   | 72   | 87   | 101  | 102  | 103  | 100  | 100  | 82   | 74   | 0    | 0    |      |      |     |     |
| MPSS          | ST01 | 36   | 35   | 34   | 37   | 37   | 36   | 36   | 36   | 37   | 37   | 37   | 37   | 38   | 37   | 35   | 35   | 34   | 35   | 111  | 112  | 113  | 113  | 113  | 112  | 112  | 112  | 112  | 112  | 111  | 111  | 111  | 111  | 111  | 112  | 75   | 68   | 68   | 72   | 104  | 103  | 103  | 102  | 86   | 66   | 45   | 34   |      |      |     |     |
| NPRI          | BLK1 | 504  | 508  | 502  | 514  | 509  | 517  | 514  | 512  | 512  | 509  | 526  | 517  | 532  | 520  | 534  | 490  | 513  | 506  | 511  | 511  | 510  | 511  | 511  | 508  | 505  | 506  | 500  | 510  | 508  | 506  | 511  | 510  | 511  | 510  | 506  | 501  | 511  | 509  | 506  | 509  | 505  | 509  | 500  | 501  | 502  | 505  |      |      |     |     |
| NPRI          | BLK2 | 506  | 508  | 503  | 517  | 512  | 517  | 516  | 514  | 512  | 512  | 518  | 513  | 520  | 512  | 526  | 512  | 514  | 516  | 514  | 518  | 517  | 518  | 518  | 529  | 545  | 544  | 502  | 513  | 509  | 508  | 513  | 513  | 513  | 511  | 502  | 508  | 503  | 512  | 509  | 508  | 511  | 511  | 506  | 511  | 502  | 503  | 502  | 507  |     |     |
| PAKA          | GT4B | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 80   | 80   | 80   | 80   | 80   | 80   | 80   | 80   | 85   | 83   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 83   | 83   | 83   | 83   | 83   | 83   | 83   | 83   | 80   |      |     |     |
| PAKA          | ST4C | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 9    | 35   | 36   | 39   | 40   | 40   | 40   | 40   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   |      |     |     |
| PCGP          | PGRG | 581  | 589  | 576  | 599  | 590  | 601  | 592  | 595  | 594  | 585  | 602  | 594  | 604  | 601  | 60   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |

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# 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  |      |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| TMGR             | 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     |      |
| TMGR             | HY04 | 31    | 33    | 30    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    |      |
| UJLI             | HY01 | -1    | -1    | -1    | 88    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |      |
| UJLI             | HY02 | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |      |
| 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      |      | 663   | 518   | 510   | 612   | 544   | 522   | 522   | 522   | 524   | 524   | 523   | 525   | 547   | 523   | 524   | 805   | 807   | 945   | 1182  | 1350  | 1377  | 1434  | 1348  | 1217  | 1209 |
| Total Distillate |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |      |
| BDLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 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     | 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     | 0     | 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     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |      |
| JSLs             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 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     | 0     | 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     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |      |
| SPLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |      |
| SSLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 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     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |      |
| PCUF             | CUFG | 23    | 22    | 22    | 22    | 21    | 21    | 20    | 22    | 21    | 21    | 21    | 21    | 22    | 22    | 21    | 22    | 20    | 22    | 22    | 22    | 24    | 21    | 22    | 20    |      |
| PCUF             | CUFK | 0     | 2     | 1     | 1     | 0     | 1     | 2     | 0     | 2     | 2     | 1     | 1     | -2    | 3     | 2     | 3     | 2     | 1     | 0     | 2     | 1     | 2     | 0     | 2     |      |
| Total Co-Gen     |      | 23    | 24    | 23    | 23    | 21    | 22    | 22    | 22    | 23    | 23    | 22    | 22    | 19    | 25    | 24    | 24    | 24    | 23    | 24    | 25    | 23    | 22    | 22    | 21    |      |
| Total Gen        |      | 13526 | 13277 | 12891 | 12644 | 12419 | 12239 | 12088 | 11998 | 11845 | 11765 | 11782 | 11810 | 11930 | 12187 | 12254 | 12390 | 13071 | 14224 | 14814 | 15525 | 15928 | 16372 | 16555 | 16701 |      |
| 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     |      |
| TIE-HVDC         |      | 30    | 31    | 31    | -30   | -29   | -29   | -29   | -29   | -29   | -29   | -28   | -30   | -30   | -28   | -28   | -30   | -30   | -29   | -29   | -97   | -97   | -98   | -98   | -98   |      |
| TIE-PLTG         |      | -21   | -19   | -62   | -37   | -18   | -58   | -12   | 12    | -24   | -47   | -56   | -9    | -27   | -38   | 0     | 35    | 0     | -25   | -28   | -61   | -10   | -61   | -20   | -79   |      |
| Interconnection  |      | 9     | 11    | -31   | -66   | -47   | -87   | -41   | -17   | -52   | -76   | -86   | -39   | -55   | -66   | -29   | 6     | -28   | -53   | -58   | -91   | -39   | -90   | -117  | -176  |      |
| System Total     |      | 13525 | 13274 | 12930 | 12718 | 12474 | 12334 | 12137 | 12023 | 11905 | 11849 | 11876 | 11857 | 11993 | 12261 | 12291 | 12392 | 13107 | 14285 | 14880 | 15624 | 15975 | 16470 | 16680 | 16885 |      |
| SRev ST-Coal     |      | 361   | 366   | 372   | 372   | 356   | 364   | 369   | 362   | 363   | 368   | 363   | 368   | 361   | 352   | 366   | 358   | 373   | 278   | 244   | 138   | 123   | 134   | 140   | 132   |      |
| 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     |      |
| SRev CCGT-Gas    |      | 646   | 744   | 1098  | 924   | 912   | 929   | 1067  | 1159  | 1318  | 1393  | 1514  | 1479  | 1363  | 1116  | 1088  | 1220  | 541   | 551   | 404   | 402   | 444   | 304   | 278   | 251   |      |
| SRev ST-Gas      |      | 68    | 68    | 68    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 68    | -13   | -13   | -13   | -13   | -13   | -13   | -13   | -13   |      |
| 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     |      |
| SRev Co-Gen      |      | 42    | 41    | 42    | 42    | 44    | 43    | 43    | 43    | 42    | 42    | 43    | 43    | 46    | 40    | 41    | 41    | 41    | 42    | 41    | 40    | 42    | 43    | 43    | 44    |      |
| Syncon           |      | 976   | 1127  | 1127  | 940   | 976   | 1127  | 1127  | 1127  | 1127  | 1001  | 1001  | 1001  | 1001  | 850   | 1001  | 1001  | 476   | 627   | 726   | 726   | 489   | 640   | 453   | 489   |      |
| Hydro            |      | 281   | 275   | 283   | 368   | 400   | 271   | 271   | 271   | 271   | 272   | 270   | 270   | 271   | 269   | 398   | 271   | 270   | 614   | 461   | 399   | 345   | 493   | 315   | 445   |      |
| S.Reserve Total  |      | 2374  | 2621  | 2990  | 2718  | 2760  | 2806  | 2949  | 3034  | 3193  | 3148  | 3263  | 3233  | 3114  | 2850  | 2815  | 2963  | 2294  | 1948  | 1764  | 1692  | 1667  | 1450  | 1403  | 1311  |      |