

## Daily System Generation Summary on Tuesday

Tuesday, October 19, 2021

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,372 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,372 MW  |
| Total IPP    | 16,684 MW |
| Total Co-Gen | 0 MW      |
| Total System | 21,623 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 21,597         | 6.13 %          |
| Gas                     | 49,103         | 13.93 %         |
| <b>Total TNB</b>        | <b>70,700</b>  | <b>20.06 %</b>  |
| ST-Coal                 | 212,333        | 60.23 %         |
| LSS                     | 3,286          | 0.93 %          |
| Gas                     | 65,102         | 18.47 %         |
| <b>Total IPP</b>        | <b>280,721</b> | <b>79.63 %</b>  |
| Co-Gen                  | 1,257          | 0.36 %          |
| <b>Total Co-Gen</b>     | <b>1,257</b>   | <b>0.36 %</b>   |
| <b>Total Generation</b> | <b>352,678</b> | <b>100.04 %</b> |
| PLTG                    | 152            | 0.04 %          |
| <b>Interconnection</b>  | <b>152</b>     | <b>0.04 %</b>   |
| <b>Net Energy</b>       | <b>352,526</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: | 20:30:00 Hour |
| Total Set On Bus              | 17,713 MW     |
| TNB Generation                | 3,567 MW      |
| IPP Generation                | 12,921 MW     |
| Spinning Reserve              | 1,173 MW      |
| Maximum Demand                | 16,582 MW     |
| Net Energy                    | 352,526 MWH   |
| Load Factor                   | 88.58 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 73,039,500.08 RM |
| Cost per Unit | 20.70 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 472          |
| Hydro        | 410          |
| Syncon       | 340          |
| Thermal      | 395          |
| <b>Total</b> | <b>1,617</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Rainy   | 25          |
| Morning   | Sunny   | 25          |

### Gas Usage

| Station                   | (mmscfd)   |
|---------------------------|------------|
| GLGR                      | 29         |
| TJGS                      | 193        |
| <b>Total TNB</b>          | <b>222</b> |
| CBPS                      | 53         |
| KLPP                      | 38         |
| NPRI                      | 162        |
| PGLA                      | 51         |
| PLPS                      | 45         |
| <b>Total IPP</b>          | <b>349</b> |
| <b>Total Gas</b>          | <b>570</b> |
| <b>Total Gas Required</b> | <b>570</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 | 15172 | 14597 | 14036 | 13614 | 13287 | 13092 | 12993 | 12668 | 12490 | 13586 | 14431 | 14781 | 14817 | 14884 | 15536 | 15625 | 15744 | 15667 | 15195 | 15698 | 16546 | 16399 | 15913 | 15690 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 3, 2021 1:14:57 PM  
(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

## Daily MW Generation on Tuesday

| 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 | 501  | 503  | 502  | 501  | 503  | 449  | 452  | 451  | 452  | 451  | 450  | 451  | 400  | 309  | 301  | 301  | 300  | 459  | 615  | 631  | 632  | 630  | 633  | 632  | 664  | 692  | 692  | 693  | 693  | 692  | 693  | 694   | 694   | 694   | 690   | 693  | 692  | 693  | 691  | 693   | 692   | 695   | 692   | 693   | 693   | 692   | 688   |       |     |     |
| JMAH          | U002 | 503  | 505  | 504  | 503  | 502  | 453  | 456  | 455  | 453  | 451  | 455  | 453  | 403  | 304  | 304  | 302  | 306  | 456  | 623  | 636  | 636  | 634  | 636  | 636  | 648  | 696  | 691  | 695  | 696  | 695  | 696  | 695   | 697   | 697   | 692   | 695  | 697  | 697  | 695  | 697   | 696   | 696   | 694   | 698   | 696   | 696   | 698   |       |     |     |
| JMHE          | U001 | 980  | 980  | 910  | 901  | 900  | 898  | 885  | 802  | 801  | 802  | 796  | 801  | 800  | 801  | 798  | 799  | 802  | 848  | 849  | 845  | 875  | 900  | 949  | 942  | 940  | 938  | 936  | 941  | 981  | 984  | 981  | 983   | 979   | 984   | 980   | 981  | 976  | 979  | 978  | 984   | 979   | 979   | 983   | 981   | 980   | 981   | 982   | 981   |     |     |
| JMHE          | U002 | 978  | 978  | 896  | 902  | 899  | 899  | 881  | 803  | 798  | 799  | 801  | 803  | 799  | 802  | 801  | 799  | 803  | 851  | 846  | 849  | 879  | 901  | 941  | 942  | 940  | 939  | 940  | 943  | 983  | 984  | 981  | 984   | 981   | 984   | 980   | 984  | 978  | 981  | 978  | 980   | 977   | 985   | 977   | 984   | 978   | 977   | 981   | 978   | 979 | 977 |
| JMJG          | U002 | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 674  | 650  | 650  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580  | 580   | 580   | 580   | 580   | 580  | 580  | 580  | 580  | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 650   |       |     |     |
| JMJG          | U003 | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680  | 680   | 680   | 680   | 680   | 680  | 680  | 680  | 680  | 680   | 680   | 680   | 680   | 680   | 680   | 680   | 680   |       |     |     |
| JMJG          | U004 | 972  | 972  | 972  | 900  | 900  | 900  | 900  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 850  | 850  | 900  | 940  | 940  | 940  | 940  | 940  | 940  | 940  | 940  | 972  | 972  | 972  | 972   | 972   | 972   | 972   | 972  | 972  | 972  | 972  | 972   | 972   | 972   | 972   | 972   | 972   | 972   | 972   |       |     |     |
| JMJG          | U005 | 889  | 889  | 889  | 889  | 889  | 889  | 889  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 850  | 850  | 890  | 890  | 890  | 890  | 890  | 890  | 890  | 890  | 890  | 889  | 889  | 889  | 889   | 889   | 889   | 889   | 889  | 889  | 889  | 889  | 889   | 889   | 889   | 889   | 889   | 889   | 889   | 889   | 889   |     |     |
| PKLG          | U003 | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 151  | 153  | 153  | 154  | 154  | 153  | 154  | 153  | 152  | 154  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 152  | 153  | 151  | 153  | 155  | 210  | 261  | 265   | 278   | 278   | 279   | 281  | 279  | 283  | 277  | 284   | 282   | 280   | 278   | 278   | 278   | 277   | 280   |       |     |     |
| PKLG          | U004 | 151  | 153  | 154  | 152  | 151  | 150  | 152  | 152  | 151  | 148  | 156  | 157  | 153  | 154  | 148  | 154  | 151  | 154  | 152  | 148  | 153  | 153  | 149  | 150  | 151  | 155  | 150  | 152  | 150  | 207  | 251  | 266   | 283   | 280   | 279   | 279  | 280  | 280  | 279  | 278   | 279   | 280   | 277   | 280   | 277   | 279   | 280   |       |     |     |
| PKLG          | U005 | 361  | 358  | 360  | 359  | 358  | 332  | 235  | 172  | 120  | 71   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |     |     |
| TBIN          | U001 | 399  | 347  | 351  | 350  | 349  | 298  | 300  | 301  | 301  | 299  | 300  | 301  | 300  | 300  | 301  | 299  | 300  | 300  | 298  | 300  | 299  | 300  | 300  | 300  | 355  | 403  | 502  | 600  | 690  | 689  | 690  | 687   | 690   | 689   | 598   | 599  | 600  | 664  | 685  | 687   | 687   | 685   | 687   | 681   | 687   | 687   | 687   | 687   |     |     |
| TBIN          | U002 | 351  | 352  | 352  | 353  | 352  | 299  | 302  | 302  | 301  | 301  | 303  | 303  | 302  | 303  | 302  | 299  | 302  | 302  | 301  | 302  | 302  | 301  | 302  | 303  | 303  | 409  | 511  | 605  | 692  | 687  | 690  | 692   | 691   | 693   | 596   | 597  | 602  | 641  | 699  | 692   | 691   | 751   | 686   | 687   | 693   | 689   | 692   |       |     |     |
| TBIN          | U003 | 403  | 349  | 351  | 348  | 348  | 299  | 303  | 302  | 303  | 301  | 302  | 302  | 302  | 302  | 303  | 301  | 302  | 302  | 302  | 303  | 301  | 302  | 301  | 357  | 406  | 503  | 604  | 695  | 686  | 690  | 687  | 694   | 684   | 681   | 646   | 602  | 603  | 636  | 687  | 684   | 691   | 691   | 688   | 687   | 689   | 689   | 686   |       |     |     |
| TBIN          | U004 | 982  | 984  | 961  | 906  | 904  | 900  | 895  | 807  | 802  | 802  | 802  | 804  | 802  | 803  | 802  | 803  | 855  | 850  | 853  | 877  | 914  | 940  | 941  | 942  | 942  | 939  | 944  | 942  | 967  | 983  | 983  | 983   | 984   | 984   | 984   | 982  | 983  | 981  | 984  | 982   | 983   | 983   | 982   | 984   | 983   | 985   | 980   |       |     |     |
| Total ST-Coal |      | 8977 | 8877 | 8709 | 8571 | 8562 | 8273 | 8157 | 7652 | 7588 | 7537 | 7472 | 7479 | 7474 | 7375 | 7120 | 7112 | 7045 | 7198 | 7630 | 7950 | 8152 | 8283 | 8393 | 8388 | 8387 | 8589 | 8819 | 9118 | 9529 | 9827 | 9932 | 10042 | 10049 | 10100 | 10075 | 9847 | 9803 | 9816 | 9951 | 10087 | 10072 | 10086 | 10143 | 10065 | 10066 | 10078 | 10076 | 10140 |     |     |
| Total ST-Oil  |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |     |     |
| Total ST-Gas  |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |     |     |
| CBPS          | BLK2 | 360  | 361  | 360  | 360  | 360  | 360  | 353  | 368  | 368  | 360  | 360  | 361  | 358  | 365  | 363  | 359  | 361  | 362  | 366  | 364  | 365  | 366  | 365  | 365  | 363  | 366  | 367  | 365  | 367  | 365  | 266  | 223   | 241   | 362   | 365   | 368  | 347  | 232  | 363  | 366   | 365   | 364   | 367   | 366   | 355   | 363   | 361   | 353   |     |     |
| GLGR          | GT01 | 96   | 96   | 97   | 96   | 95   | 96   | 96   | 97   | 96   | 98   | 99   | 96   | 96   | 97   | 97   | 96   | 95   | 95   | 97   | 96   | 97   | 97   | 97   | 95   | 96   | 97   | 96   | 98   | 96   | 98   | 96   | 97    | 96    | 97    | 97    | 98   | 96   | 95   | 98   | 96    | 97    | 97    | 96    | 95    | 96    | 95    | 97    |       |     |     |
| GLGR          | ST1C | 40   | 39   | 40   | 39   | 39   | 40   | 38   | 39   | 39   | 39   | 41   | 39   | 39   | 40   | 40   | 39   | 39   | 38   | 39   | 40   | 39   | 40   | 39   | 40   | 39   | 40   | 39   | 40   | 39   | 40   | 39   | 40    | 40    | 39    | 39    | 39   | 39   | 39   | 39   | 39    | 39    | 39    | 40    | 39    | 39    | 39    |       |       |     |     |
| KLPP          | GT13 | 133  | 129  | 133  | 132  | 133  | 133  | 133  | 137  | 135  | 133  | 133  | 133  | 134  | 138  | 125  | 125  | 128  | 129  | 125  | 129  | 125  | 126  | 129  | 125  | 124  | 137  | 137  | 136  | 138  | 138  | 137  | 136   | 136   | 136   | 136   | 135  | 135  | 136  | 136  | 136   | 136   | 129   | 129   | 129   | 129   | 129   | 125   |       |     |     |
| KLPP          | ST17 | 67   | 68   | 67   | 67   | 67   | 67   | 66   | 67   | 67   | 67   | 67   | 67   | 67   | 67   | 65   | 65   | 66   | 66   | 66   | 66   | 65   | 67   | 66   | 66   | 65   | 67   | 67   | 67   | 67   | 67   | 67   | 67    | 67    | 67    | 66    | 67   | 67   | 67   | 67   | 67    | 65    | 66    | 66    | 66    | 66    | 65    |       |       |     |     |
| NPRI          | BLK1 | 514  | 516  | 517  | 515  | 511  | 514  | 508  | 524  | 518  | 516  | 516  | 516  | 515  | 518  | 515  | 516  | 515  | 515  | 524  | 518  | 526  | 521  | 523  | 527  | 521  | 521  | 521  | 530  | 529  | 527  | 518  | 523   | 529   | 525   | 520   | 530  | 524  | 523  | 520  | 524   | 520   | 520   | 523   | 520   | 511   | 519   | 515   | 508   |     |     |
| NPRI          | BLK2 | 515  | 517  | 517  | 518  | 512  | 518  | 494  | 532  | 522  | 520  | 520  | 520  | 519  | 521  | 519  | 520  | 520  | 528  | 523  | 527  | 524  | 526  | 530  | 526  | 525  | 527  | 538  | 536  | 532  | 521  | 509  | 535   | 529   | 524   | 533   | 530  | 523  | 524  | 530  | 523   | 523   | 525   | 523   | 514   | 521   | 517   | 494   |       |     |     |
| PCGP          | PGRG | 599  | 604  | 602  | 604  | 598  | 602  | 595  | 613  | 606  | 603  | 602  | 603  | 603  | 605  | 602  | 602  | 602  | 605  | 608  | 597  | 609  | 604  | 603  | 610  | 602  | 602  | 606  | 613  | 613  | 611  | 598  | 607   | 615   | 612   | 603   | 611  | 604  | 609  | 601  | 608   | 604   | 601   | 602   | 603   | 592   | 600   | 594   | 587   |     |     |
| PGLA          | GT11 | 221  | 222  | 222  | 222  | 221  | 222  | 220  | 224  | 223  | 223  | 222  | 222  | 223  | 223  | 159  | 159  | 229  | 225  | 222  | 224  | 223  | 224  | 225  | 215  | 159  | 159  | 161  | 161  | 160  | 156  | 159  | 161   | 161   | 159   | 161   | 159  | 160  | 159  | 160  | 157   | 158   | 158   | 156   | 157   | 157   | 154   |       |       |     |     |
| PGLA          | ST10 | 109  | 109  | 109  | 110  | 110  | 110  | 108  | 111  | 111  | 109  | 109  | 109  | 108  | 88   | 88   | 100  | 113  | 113  | 115  | 115  | 114  | 114  | 114  | 89   | 89   | 89   | 89   | 88   | 88   | 90   | 88   | 89    | 90    | 89    | 89    | 89   | 90   | 89   | 89   | 88    | 88    | 89    | 88    | 89    | 89    | 88    |       |       |     |     |
| PLPS          | GT11 | 112  | 116  | 127  | 128  | 128  | 129  | 128  | 129  | 130  | 129  | 128  | 128  | 129  | 128  | 129  | 128  | 127  | 128  | 129  | 128  | 129  | 128  | 129  | 128  | 129  | 128  | 129  | 129  | 129  | 128  | 129  | 128   | 128   | 128   | 128   | 128  | 128  | 116  | 115  | 127   | 122   | 117   | 116   | 113   | 115   | 127   | 129   |       |     |     |
| PLPS          | GT12 | 104  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |     |
| PLPS          | GT13 | 110  | 112  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |     |     |
| PLPS          | ST18 | 197  | 132  | 81   | 57   | 57   | 58   | 57   | 57   | 57   | 56   | 57   | 56   | 57   | 57   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |      |      |      |       |       |       |       |       |       |       |       |       |     |     |



## Daily MW Generation on Tuesday

| 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  |       |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PCUF            | CUFK | 26    | 26    | 26    | 25    | 25    | 25    | 27    | 26    | 25    | 26    | 25    | 25    | 27    | 27    | 25    | 26    | 27    | 25    | 27    | 26    | 23    | 24    | 25    | 24    | 26    | 23    | 23    | 25    | 24    | 26    | 24    | 26    | 25    | 27    | 26    | 24    | 27    | 25    | 27    | 25    | 25    | 26    | 27    | 26    | 25    | 27    | 26    | 25    |
| Total Co-Gen    |      | 55    | 55    | 55    | 53    | 53    | 53    | 55    | 55    | 53    | 54    | 53    | 54    | 55    | 56    | 54    | 55    | 55    | 53    | 55    | 53    | 51    | 54    | 53    | 52    | 53    | 50    | 50    | 53    | 52    | 53    | 52    | 53    | 51    | 54    | 50    | 48    | 52    | 49    | 50    | 49    | 50    | 52    | 53    | 52    | 50    | 49    | 49    | 48    |
| Total Gen       |      | 15209 | 14866 | 14590 | 14275 | 14069 | 13827 | 13632 | 13382 | 13273 | 13144 | 13095 | 12942 | 12975 | 12955 | 12638 | 12404 | 12491 | 12976 | 13557 | 13864 | 14394 | 14609 | 14771 | 14859 | 14802 | 14783 | 14885 | 15256 | 15627 | 15761 | 15589 | 15695 | 15714 | 15757 | 15694 | 15407 | 15248 | 15161 | 15796 | 16467 | 16535 | 16540 | 16337 | 16317 | 15960 | 15918 | 15751 | 15457 |
| 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        |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 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-PLTG        |      | 40    | 1     | -4    | 24    | 36    | 51    | 21    | -18   | -11   | 5     | 6     | 18    | -15   | -42   | -27   | -14   | 4     | -12   | -26   | 9     | -34   | -28   | -7    | -49   | -11   | 7     | 5     | 42    | 94    | 31    | -33   | -83   | -27   | -24   | 30    | 31    | 56    | 37    | 101   | -3    | -8    | -39   | -59   | 40    | 51    | 19    | 65    | 54    |
| Interconnection |      | 40    | 1     | -4    | 24    | 36    | 51    | 21    | -18   | -11   | 5     | 6     | 18    | -15   | -42   | -27   | -14   | 4     | -12   | -26   | 9     | -34   | -28   | -7    | -49   | -11   | 7     | 5     | 42    | 94    | 31    | -33   | -83   | -27   | -24   | 30    | 31    | 56    | 37    | 101   | -3    | -8    | -39   | -59   | 40    | 51    | 19    | 65    | 54    |
| System Total    |      | 15172 | 14868 | 14597 | 14254 | 14036 | 13779 | 13614 | 13403 | 13287 | 13142 | 13092 | 12927 | 12993 | 13000 | 12668 | 12421 | 12490 | 12991 | 13586 | 13858 | 14431 | 14640 | 14781 | 14911 | 14817 | 14780 | 14884 | 15218 | 15536 | 15733 | 15625 | 15781 | 15744 | 15784 | 15667 | 15379 | 15195 | 15127 | 15698 | 16473 | 16546 | 16582 | 16399 | 16280 | 15913 | 15903 | 15690 | 15406 |
| SRev ST-Coal    |      | 506   | 504   | 676   | 798   | 805   | 845   | 848   | 970   | 967   | 968   | 923   | 921   | 920   | 922   | 976   | 977   | 934   | 933   | 858   | 858   | 808   | 763   | 652   | 653   | 656   | 615   | 543   | 535   | 422   | 205   | 211   | 189   | 187   | 136   | 161   | 323   | 341   | 335   | 285   | 149   | 164   | 150   | 93    | 171   | 170   | 158   | 160   | 166   |
| SRev CCGT-Gas   |      | 386   | 284   | 191   | 244   | 285   | 238   | 330   | 125   | 166   | 231   | 220   | 305   | 273   | 187   | 251   | 535   | 452   | 200   | 165   | 249   | 159   | 201   | 178   | 167   | 236   | 516   | 551   | 526   | 538   | 758   | 920   | 958   | 891   | 797   | 808   | 766   | 829   | 1011  | 600   | 319   | 275   | 312   | 465   | 354   | 543   | 556   | 508   | 688   |
| 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     |       |
| 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     |       |
| 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     |       |
| SRev Co-Gen     |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |
| Syncon          |      | 374   | 374   | 461   | 461   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 548   | 461   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 374   | 612   | 612   | 612   | 525   | 151   | 151   | 151   | 151   | 0     | 338   | 338   | 338   | 525   |       |
| Hydro           |      | 335   | 360   | 261   | 383   | 366   | 318   | 282   | 232   | 234   | 248   | 242   | 238   | 233   | 241   | 237   | 213   | 213   | 212   | 171   | 195   | 200   | 292   | 370   | 359   | 326   | 252   | 421   | 255   | 285   | 403   | 505   | 487   | 465   | 478   | 412   | 248   | 278   | 300   | 361   | 629   | 591   | 565   | 673   | 626   | 404   | 369   | 440   | 357   |
| S.Reserve Total |      | 1601  | 1522  | 1589  | 1886  | 2004  | 1949  | 2008  | 1875  | 1915  | 1995  | 1933  | 2012  | 1974  | 1898  | 2012  | 2273  | 2147  | 1893  | 1742  | 1850  | 1628  | 1630  | 1574  | 1553  | 1592  | 1757  | 1889  | 1690  | 1619  | 1740  | 2010  | 2008  | 1917  | 1785  | 1755  | 1949  | 2060  | 2258  | 1771  | 1248  | 1181  | 1178  | 1382  | 1151  | 1455  | 1421  | 1446  | 1736  |