

## Daily System Generation Summary on Saturday

Saturday, January 22, 2022

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,532 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,532 MW  |
| Total IPP    | 16,676 MW |
| Total Co-Gen | 0 MW      |
| Total System | 21,406 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 17,790         | 5.11 %          |
| Gas                     | 31,705         | 9.11 %          |
| <b>Total TNB</b>        | <b>49,495</b>  | <b>14.22 %</b>  |
| ST-Coal                 | 165,253        | 47.46 %         |
| ST-Oil                  | 5,511          | 1.58 %          |
| LSS                     | 2,992          | 0.86 %          |
| Distillate              | 7,725          | 2.22 %          |
| Gas                     | 115,371        | 33.14 %         |
| <b>Total IPP</b>        | <b>296,852</b> | <b>85.26 %</b>  |
| Co-Gen                  | 1,140          | 0.33 %          |
| <b>Total Co-Gen</b>     | <b>1,140</b>   | <b>0.33 %</b>   |
| <b>Total Generation</b> | <b>347,487</b> | <b>99.81 %</b>  |
| PLTG                    | 17             | 0.00 %          |
| HVDC                    | -694           | -0.20 %         |
| <b>Interconnection</b>  | <b>-677</b>    | <b>-0.19 %</b>  |
| <b>Net Energy</b>       | <b>348,164</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: | 20:00:00 Hour |
| Total Set On Bus              | 18,147 MW     |
| TNB Generation                | 2,530 MW      |
| IPP Generation                | 13,748 MW     |
| Spinning Reserve              | 1,819 MW      |
| Maximum Demand                | 16,309 MW     |
| Net Energy                    | 348,164 MWH   |
| Load Factor                   | 88.95 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 86,307,115.00 RM |
| Cost per Unit | 24.84 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 428          |
| Hydro        | 355          |
| Syncon       | 632          |
| Thermal      | 744          |
| <b>Total</b> | <b>2,159</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 32          |
| Morning   | Sunny   | 28          |

### Gas Usage

| Station          | (mmscfd)   |
|------------------|------------|
| GLGR             | 57         |
| TJGS             | 167        |
| <b>Total TNB</b> | <b>224</b> |
| KLPP             | 110        |
| NPRI             | 163        |
| PGLA             | 58         |
| PLPS             | 55         |
| SGB3             | 6          |
| SGRI             | 45         |
| <b>Total IPP</b> | <b>437</b> |
| <b>Total Gas</b> | <b>661</b> |

**Total Gas Required 838**

### Alternate Fuel Usage

| Station      | (mmscfd)   |
|--------------|------------|
| PGLA         | 31         |
| KLPP         | 4          |
| PGLA         | 31         |
| PLPS         | 57         |
| SGB3         | 0          |
| PKLG         | 54         |
| <b>Total</b> | <b>176</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 | 15377 | 14544 | 13967 | 13562 | 13142 | 12809 | 12826 | 12732 | 12685 | 13705 | 14274 | 14783 | 14586 | 14468 | 14985 | 15263 | 15433 | 15261 | 14866 | 15048 | 16309 | 16211 | 15658 | 15441 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, February 3, 2022 5:26:09 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

## Daily MW Generation on Saturday

| 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  | 694  | 696  | 695  | 653  | 503  | 403  | 318  | 307  | 305  | 305  | 306  | 307  | 306  | 305  | 307  | 306  | 356  | 406  | 405  | 406  | 405  | 405  | 405  | 405  | 405  | 405  | 306  | 309  | 360  | 403  | 404  | 507  | 504  | 534  | 637  | 654  | 604  | 603  | 604  | 604  | 665  | 696  | 694  | 692  | 693  | 693  | 691  | 693 | 693 |
| JMHE          | U001 | 500  | 501  | 499  | 500  | 498  | 500  | 499  | 502  | 497  | 501  | 501  | 499  | 501  | 501  | 601  | 647  | 649  | 650  | 495  | 500  | 500  | 502  | 499  | 499  | 500  | 503  | 501  | 501  | 504  | 501  | 497  | 502  | 500  | 500  | 500  | 502  | 502  | 501  | 501  | 628  | 648  | 650  | 650  | 649  | 652  | 502  | 500  | 499  |     |     |
| JMHE          | U002 | 498  | 501  | 499  | 502  | 499  | 500  | 502  | 501  | 497  | 499  | 500  | 501  | 503  | 500  | 500  | 500  | 501  | 501  | 501  | 500  | 499  | 501  | 499  | 499  | 500  | 503  | 500  | 502  | 503  | 501  | 499  | 500  | 502  | 498  | 497  | 501  | 501  | 501  | 499  | 605  | 649  | 650  | 647  | 651  | 505  | 501  | 500  | 501  |     |     |
| JMJG          | U001 | 674  | 674  | 671  | 673  | 672  | 656  | 592  | 601  | 594  | 595  | 542  | 546  | 545  | 546  | 549  | 545  | 503  | 530  | 596  | 601  | 641  | 645  | 643  | 645  | 651  | 623  | 596  | 568  | 503  | 504  | 507  | 508  | 546  | 545  | 548  | 546  | 506  | 505  | 545  | 616  | 672  | 671  | 672  | 667  | 671  | 672  | 672  | 668  |     |     |
| JMJG          | U002 | 666  | 666  | 667  | 671  | 671  | 651  | 593  | 598  | 596  | 599  | 546  | 548  | 554  | 545  | 548  | 572  | 503  | 531  | 595  | 599  | 640  | 645  | 648  | 640  | 656  | 618  | 596  | 563  | 502  | 509  | 508  | 513  | 546  | 546  | 552  | 548  | 501  | 508  | 553  | 618  | 671  | 663  | 672  | 661  | 662  | 654  | 656  | 661  |     |     |
| JMJG          | U004 | 750  | 750  | 750  | 750  | 755  | 757  | 758  | 756  | 758  | 756  | 757  | 757  | 756  | 758  | 758  | 755  | 758  | 758  | 757  | 757  | 756  | 756  | 753  | 755  | 759  | 758  | 760  | 758  | 756  | 757  | 758  | 758  | 756  | 756  | 756  | 756  | 758  | 757  | 754  | 758  | 758  | 808  | 869  | 898  | 896  | 899  | 900  | 854  |     |     |
| JMJG          | U005 | 750  | 750  | 750  | 750  | 752  | 751  | 752  | 750  | 746  | 749  | 752  | 751  | 750  | 751  | 751  | 749  | 750  | 752  | 749  | 752  | 751  | 750  | 750  | 751  | 750  | 749  | 751  | 750  | 751  | 752  | 750  | 750  | 752  | 751  | 750  | 750  | 750  | 748  | 750  | 751  | 749  | 751  | 751  | 748  | 752  | 754  | 749  | 749  |     |     |
| PKLG          | U003 | 254  | 255  | 255  | 255  | 255  | 257  | 254  | 217  | 154  | 155  | 157  | 155  | 155  | 157  | 155  | 156  | 157  | 246  | 261  | 256  | 254  | 254  | 252  | 253  | 252  | 251  | 250  | 251  | 255  | 253  | 256  | 254  | 253  | 251  | 253  | 249  | 253  | 254  | 254  | 252  | 252  | 252  | 254  | 253  | 258  | 255  | 254  |      |     |     |
| PKLG          | U004 | 279  | 273  | 278  | 278  | 278  | 278  | 274  | 246  | 186  | 153  | 150  | 153  | 153  | 157  | 156  | 153  | 155  | 153  | 274  | 279  | 278  | 279  | 277  | 280  | 275  | 277  | 276  | 280  | 276  | 277  | 279  | 279  | 283  | 278  | 274  | 275  | 279  | 276  | 276  | 280  | 278  | 273  | 276  | 275  | 275  | 281  | 278  |      |     |     |
| PKLG          | U006 | 447  | 450  | 453  | 445  | 452  | 450  | 445  | 441  | 434  | 436  | 442  | 442  | 443  | 445  | 442  | 443  | 441  | 435  | 442  | 445  | 445  | 445  | 411  | 367  | 376  | 358  | 357  | 358  | 360  | 360  | 359  | 360  | 360  | 357  | 357  | 357  | 358  | 358  | 402  | 445  | 448  | 449  | 446  | 450  | 453  | 448  | 450  |      |     |     |
| TBIN          | U001 | 687  | 689  | 689  | 687  | 648  | 554  | 500  | 501  | 499  | 449  | 450  | 450  | 450  | 451  | 409  | 401  | 400  | 500  | 498  | 546  | 601  | 601  | 600  | 600  | 600  | 485  | 450  | 506  | 547  | 554  | 597  | 600  | 599  | 631  | 649  | 595  | 549  | 550  | 587  | 684  | 688  | 688  | 690  | 687  | 690  | 689  | 689  | 689  |     |     |
| TBIN          | U002 | 691  | 691  | 690  | 693  | 650  | 579  | 502  | 503  | 502  | 451  | 454  | 455  | 452  | 453  | 410  | 402  | 406  | 504  | 504  | 556  | 606  | 601  | 602  | 603  | 605  | 498  | 453  | 503  | 556  | 556  | 602  | 604  | 603  | 618  | 652  | 599  | 554  | 553  | 571  | 654  | 689  | 692  | 693  | 690  | 689  | 696  | 693  | 690  |     |     |
| TBIN          | U003 | 693  | 689  | 689  | 696  | 652  | 569  | 495  | 504  | 504  | 453  | 452  | 453  | 452  | 449  | 419  | 403  | 402  | 506  | 498  | 550  | 589  | 602  | 599  | 602  | 600  | 496  | 449  | 506  | 553  | 553  | 601  | 603  | 608  | 619  | 650  | 599  | 552  | 553  | 565  | 659  | 695  | 687  | 688  | 684  | 703  | 689  | 685  | 691  |     |     |
| Total ST-Coal |      | 7581 | 7583 | 7586 | 7595 | 7435 | 7005 | 6569 | 6438 | 6274 | 6101 | 6008 | 6016 | 6020 | 6017 | 6006 | 6032 | 5933 | 6289 | 6483 | 6744 | 6968 | 6986 | 6976 | 6939 | 6926 | 6442 | 6251 | 6400 | 6467 | 6482 | 6716 | 6736 | 6839 | 6997 | 7094 | 6886 | 6656 | 6667 | 6821 | 7570 | 7942 | 7993 | 8027 | 7997 | 7891 | 7733 | 7721 | 7677 |     |     |
| PKLG          | U002 | 249  | 249  | 250  | 250  | 250  | 250  | 250  | 249  | 249  | 249  | 249  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 203  | 203  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 147  | 214  | 248  | 249  | 249  | 250  | 249  | 250  | 249  | 249  | 249  |     |     |
| Total ST-Oil  |      | 249  | 249  | 250  | 250  | 250  | 250  | 250  | 250  | 249  | 249  | 249  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 250  | 203  | 203  | 146  | 146  | 146  | 146  | 146  | 146  | 147  | 214  | 248  | 249  | 249  | 250  | 249  | 250  | 249  | 249  | 249  | 249  |      |     |     |
| 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    |      |     |     |
| EMPP          | BLK1 | 711  | 711  | 710  | 704  | 704  | 694  | 709  | 710  | 706  | 710  | 710  | 711  | 714  | 710  | 702  | 710  | 717  | 707  | 711  | 705  | 704  | 710  | 702  | 704  | 713  | 707  | 711  | 712  | 711  | 709  | 709  | 719  | 711  | 703  | 701  | 710  | 712  | 709  | 711  | 708  | 710  | 706  | 687  | 695  | 710  | 710  | 708  |      |     |     |
| EMPP          | BLK2 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 82   | 196  | 201  | 197  | 242  | 376  | 376  | 765  | 768  | 767  | 765  | 763  | 761  | 762  | 759  | 760  | 375  | 756  | 760  | 760  | 762  | 374  | 374  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |     |     |
| EMPP          | BLK3 | 0    | 0    | 0    | 190  | 372  | 701  | 750  | 748  | 749  | 747  | 749  | 749  | 750  | 749  | 751  | 753  | 753  | 751  | 755  | 600  | 213  | 740  | 401  | 597  | 252  | 433  | 751  | 749  | 747  | 744  | 745  | 744  | 741  | 744  | 744  | 743  | 744  | 737  | 745  | 741  | 745  | 744  | 745  | 749  | 0    | 0    | 0    | 0    |     |     |
| GLGR          | GT01 | 104  | 106  | 104  | 104  | 103  | 104  | 104  | 106  | 105  | 105  | 104  | 105  | 105  | 105  | 105  | 103  | 67   | 68   | 105  | 103  | 105  | 104  | 104  | 104  | 103  | 66   | 67   | 92   | 105  | 103  | 103  | 88   | 86   | 85   | 84   | 85   | 85   | 83   | 99   | 103  | 104  | 104  | 103  | 104  | 105  | 103  | 103  |      |     |     |
| GLGR          | GT02 | 105  | 105  | 104  | 105  | 104  | 105  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 105  | 105  | 66   | 68   | 105  | 105  | 105  | 105  | 104  | 104  | 104  | 104  | 104  | 66   | 68   | 93   | 104  | 104  | 89   | 85   | 85   | 85   | 85   | 85   | 85   | 100  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 104  |      |     |     |
| GLGR          | ST1C | 93   | 93   | 92   | 93   | 92   | 92   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 75   | 70   | 89   | 92   | 93   | 93   | 93   | 93   | 93   | 75   | 71   | 83   | 93   | 94   | 94   | 89   | 83   | 82   | 82   | 82   | 82   | 82   | 82   | 86   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   |      |     |     |
| KLPP          | GT13 | 140  | 140  | 140  | 141  | 141  | 139  | 139  | 139  | 139  | 139  | 141  | 143  | 144  | 142  | 122  | 125  | 124  | 129  | 125  | 124  | 142  | 141  | 142  | 140  | 139  | 130  | 127  | 138  | 137  | 137  | 127  | 127  | 132  | 127  | 138  | 137  | 138  | 139  | 139  | 128  | 127  | 127  | 127  | 121  | 123  | 127  | 127  | 127  |     |     |
| KLPP          | GT14 | 0    | 0    | 0    | 0    | 0    | 160  | 157  | 157  | 158  | 156  | 160  | 160  | 160  | 159  | 138  | 123  | 123  | 129  | 123  | 123  | 141  | 141  | 146  | 141  | 141  | 127  | 123  | 155  | 146  | 154  | 121  | 122  | 128  | 121  | 141  | 140  | 141  | 145  | 140  | 157  | 157  | 158  | 157  | 157  | 158  | 158  | 158  | 158  |     |     |
| KLPP          | GT15 | 150  | 150  | 150  | 150  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 110  | 110  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 120  | 135  |      |     |     |
| KLPP          | ST17 | 207  | 207  | 208  | 208  | 174  | 212  | 212  | 212  | 212  | 212  | 213  | 212  | 213  | 205  | 203  | 206  | 203  | 203  | 212  | 212  | 212  | 211  | 211  | 204  | 203  | 214  | 211  | 212  | 203  | 203  | 204  | 203  | 210  | 210  | 209  | 210  | 210  | 211  | 211  | 211  | 210  | 210  | 211  | 211  | 211  | 211  | 211  |      |     |     |
| NPRI          | BLK1 | 529  | 530  | 526  | 520  | 522  | 514  | 512  | 527  | 530  | 526  | 529  | 529  | 529  | 530  | 533  | 529  | 518  | 529  | 535  | 528  | 527  | 519  | 532  | 520  | 521  | 525  | 520  | 521  | 520  | 522  | 521  | 521  | 516  | 521  | 516  | 521  | 520  | 522  | 523  | 522  | 524  | 524  | 507  | 512  | 529  | 527  | 524  |      |     |     |
| NPRI          | BLK2 | 519  | 518  | 516  | 511  | 511  | 503  | 514  | 520  | 515  | 520  | 519  | 519  | 517  | 527  | 518  | 509  | 518  | 524  | 508  | 518  | 518  | 508  | 520  | 511  | 511  | 523  | 512  | 514  | 516  | 519  | 512  | 519  | 525  | 519  | 512  | 519  | 512  | 505  | 520  | 521  | 518  | 519  | 511  | 524  | 496  | 501  | 520  | 520  | 517 |     |
| PCGP          | PGRG | 603  | 602  | 599  | 589  | 594  | 579  | 597  | 603  | 600  | 604  | 601  | 603  | 603  | 610  | 601  | 588  | 602  | 610  | 589  | 598  | 600  | 590  | 604  | 594  | 590  | 608  | 592  | 595  | 601  | 602  | 596  | 602  | 615  | 603  | 593  | 584  | 603  | 603  | 601  | 603  | 594  | 603  | 598  | 572  | 581  | 600  | 602  | 598  |     |     |
| PGLA          | GT11 | 194  | 166  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |

[illegible]

# Daily MW Generation on Saturday

| 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  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |   |   |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|---|
| Total Distillate |      | 422   | 393   | 393   | 386   | 273   | 234   | 245   | 247   | 248   | 246   | 246   | 246   | 254   | 248   | 239   | 247   | 254   | 239   | 241   | 343   | 371   | 450   | 447   | 449   | 456   | 451   | 374   | 330   | 329   | 327   | 327   | 330   | 327   | 325   | 324   | 329   | 328   | 330   | 329   | 330   | 330   | 330   | 324   | 325   | 330   | 331   | 330   |       |   |   |   |
| BDLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 2     | 4     | 3     | 9     | 13    | 8     | 12    | 15    | 17    | 18    | 20    | 16    | 26    | 21    | 13    | 19    | 15    | 12    | 7     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |   |   |   |
| BKLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 3     | 8     | 12    | 15    | 20    | 23    | 25    | 28    | 29    | 30    | 31    | 32    | 24    | 21    | 25    | 26    | 20    | 18    | 11    | 8     | 4     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |
| BSLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 5     | 10    | 15    | 19    | 24    | 26    | 29    | 31    | 32    | 32    | 26    | 32    | 31    | 30    | 24    | 23    | 19    | 15    | 10    | 6     | 2     | 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     | 2     | 4     | 9     | 11    | 13    | 17    | 25    | 29    | 26    | 24    | 24    | 26    | 29    | 33    | 26    | 19    | 12    | 6     | 26    | 5     | 2     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |
| GELS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 4     | 5     | 13    | 18    | 7     | 17    | 27    | 28    | 25    | 21    | 25    | 24    | 28    | 14    | 15    | 12    | 21    | 16    | 12    | 8     | 5     | 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     | 2     | 8     | 13    | 21    | 30    | 35    | 39    | 43    | 46    | 48    | 38    | 50    | 50    | 48    | 45    | 43    | 39    | 35    | 28    | 22    | 15    | 8     | 3     | 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     | 2     | 6     | 9     | 18    | 25    | 33    | 33    | 30    | 34    | 25    | 24    | 24    | 36    | 37    | 48    | 44    | 35    | 30    | 20    | 10    | 5     | 1     | 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     | 1     | 7     | 14    | 21    | 25    | 31    | 33    | 38    | 41    | 38    | 38    | 35    | 23    | 44    | 42    | 39    | 22    | 32    | 26    | 20    | 14    | 9     | 3     | 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     | 2     | 6     | 21    | 29    | 25    | 39    | 45    | 48    | 50    | 37    | 50    | 49    | 50    | 43    | 45    | 31    | 29    | 22    | 15    | 4     | 1     | 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     | 1     | 2     | 4     | 8     | 20    | 16    | 29    | 21    | 20    | 13    | 33    | 15    | 12    | 12    | 13    | 9     | 3     | 9     | 8     | 5     | 1     | 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     | 2     | 7     | 7     | 20    | 26    | 26    | 36    | 32    | 34    | 44    | 45    | 25    | 27    | 20    | 41    | 34    | 28    | 9     | 8     | 3     | 3     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 | 0 |   |
| STLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 4     | 8     | 14    | 5     | 22    | 12    | 22    | 17    | 19    | 18    | 27    | 29    | 27    | 26    | 17    | 14    | 13    | 15    | 10    | 6     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |
| TBLS             | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 5     | 12    | 15    | 25    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 23    | 22    | 24    | 21    | 31    | 30    | 29    | 21    | 13    | 5     | 1     | 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     | 17    | 60    | 119   | 195   | 233   | 301   | 352   | 377   | 406   | 387   | 387   | 385   | 402   | 395   | 406   | 363   | 314   | 278   | 252   | 172   | 114   | 59    | 16    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 | 0 | 0 |
| PCUF             | CUFG | 25    | 26    | 26    | 26    | 26    | 26    | 26    | 27    | 27    | 27    | 27    | 27    | 27    | 28    | 27    | 28    | 29    | 28    | 27    | 27    | 26    | 25    | 25    | 25    | 24    | 24    | 24    | 26    | 24    | 24    | 24    | 24    | 24    | 24    | 27    | 28    | 28    | 29    | 27    | 28    | 29    | 28    | 28    | 28    | 28    | 28    | 27    |       |   |   |   |
| PCUF             | CUFK | 23    | 23    | 23    | 21    | 22    | 22    | 23    | 24    | 21    | 22    | 25    | 26    | 24    | 26    | 26    | 24    | 27    | 22    | 25    | 25    | 23    | 27    | 23    | 23    | 25    | 23    | 24    | 24    | 25    | 4     | 6     | 8     | 5     | 5     | 5     | 7     | 9     | 25    | 24    | 23    | 24    | 26    | 24    | 24    | 27    | 26    | 27    |       |   |   |   |
| Total Co-Gen     |      | 48    | 49    | 49    | 47    | 48    | 48    | 49    | 51    | 48    | 49    | 52    | 53    | 51    | 54    | 53    | 52    | 56    | 55    | 49    | 52    | 51    | 48    | 52    | 48    | 47    | 49    | 47    | 50    | 48    | 49    | 28    | 30    | 33    | 29    | 29    | 29    | 34    | 37    | 53    | 53    | 50    | 52    | 55    | 52    | 52    | 55    | 54    | 54    |   |   |   |
| Total Gen        |      | 15297 | 14872 | 14531 | 14257 | 13940 | 13807 | 13533 | 13332 | 13098 | 12978 | 12762 | 12815 | 12808 | 12887 | 12709 | 12652 | 12611 | 13241 | 13654 | 14062 | 14202 | 14665 | 14680 | 14791 | 14504 | 14395 | 14408 | 14672 | 14926 | 15131 | 15262 | 15283 | 15422 | 15426 | 15320 | 15078 | 14941 | 14812 | 15081 | 15998 | 16328 | 16245 | 16211 | 16040 | 15655 | 15554 | 15421 | 15204 |   |   |   |
| TIE-EGAT         |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |   |
| TIE-HVDC         |      | -29   | -29   | -30   | -30   | -28   | -28   | -28   | -29   | -28   | -28   | -28   | -28   | -29   | -28   | -28   | -29   | -28   | -28   | -30   | -30   | -30   | -30   | -28   | -28   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -30   | -29   | -29   | -30   | -29   | -30   | -30   | -31   | -30   | -29   | -29   | -29   | -29   | -29   | -28   | -28   |       |   |   |   |
| TIE-PLTG         |      | -52   | -7    | 17    | -1    | 1     | 34    | -1    | -35   | -15   | -34   | -19   | -28   | 11    | -33   | 6     | 21    | -46   | -41   | -23   | -34   | -43   | 14    | -73   | -8    | -52   | -111  | -32   | -45   | -30   | -44   | 29    | -8    | 18    | 54    | 87    | 101   | 104   | -5    | 63    | 28    | 49    | 8     | 29    | 81    | 26    | 30    | 8     | 33    |   |   |   |
| Interconnection  |      | -80   | -36   | -13   | -31   | -27   | 5     | -29   | -63   | -44   | -63   | -47   | -55   | -18   | -61   | -23   | -8    | -74   | -69   | -51   | -63   | -72   | -14   | -103  | -37   | -82   | -140  | -60   | -74   | -59   | -73   | -1    | -37   | -11   | 25    | 59    | 71    | 75    | -34   | 33    | -1    | 19    | -22   | 0     | 52    | -3    | 1     | -20   | 4     |   |   |   |
| System Total     |      | 15377 | 14908 | 14544 | 14288 | 13967 | 13802 | 13562 | 13395 | 13142 | 13041 | 12809 | 12870 | 12826 | 12948 | 12732 | 12660 | 12685 | 13310 | 13705 | 14125 | 14274 | 14679 | 14783 | 14828 | 14586 | 14535 | 14468 | 14746 | 14985 | 15204 | 15263 | 15320 | 15433 | 15401 | 15261 | 15007 | 14866 | 14846 | 15048 | 15999 | 16309 | 16267 | 16211 | 15988 | 15658 | 15553 | 15441 | 15200 |   |   |   |
| SRev ST-Coal     |      | 483   | 484   | 488   | 472   | 634   | 753   | 830   | 876   | 882   | 880   | 874   | 874   | 870   | 871   | 869   | 874   | 872   | 875   | 864   | 826   | 785   | 778   | 776   | 822   | 838   | 899   | 839   | 840   | 838   | 832   | 835   | 831   | 831   | 821   | 754   | 842   | 845   | 834   | 837   | 741   | 488   | 492   | 484   | 511   | 478   | 488   | 495   | 491   |   |   |   |
| SRev CCGT-Gas    |      | 342   | 520   | 431   | 375   | 458   | 377   | 350   | 228   | 245   | 226   | 232   | 224   | 223   | 199   | 304   | 371   | 405   | 350   | 355   | 320   | 305   | 341   | 261   | 317   | 322   | 526   | 476   | 365   | 274   | 312   | 401   | 418   | 380   | 447   | 371   | 413   | 342   | 334   | 352   | 299   | 402   | 283   | 312   | 447   | 402   | 274   | 273   | 279   |   |   |   |
| 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 | 0 |   |
| SRev 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 | 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     | 0     | 0 | 0 |   |
| SRev Distillate  |      | 130   | 46    | 46    | 53    | 166   | 52    | 41    | 39    | 38    | 40    | 40    | 40    | 40    | 32    | 38    | 47    | 39    | 32    | 47    | 45    | 174   | 146   | 67    | 70    | 68    | 61    | 66    | 143   | 44    | 45    | 47    | 47    | 44    | 47    | 49    | 50    | 45    | 46    | 44    | 45    | 44    | 44    | 44    | 50    | 49    | 44    | 43    | 44    |   |   |   |
| 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     | 0 | 0 |   |
| SRev Co-Gen      |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 | 0 |   |
| Syncon           |      | 464   | 651   | 651   | 840   | 941   | 1029  | 1029  | 966   | 1117  | 1117  | 1117  | 1117  | 1117  | 1117  | 966   | 966   | 691   | 590   | 489   | 302   | 827   | 827   | 827   | 827   | 827   | 928   | 928   | 840   | 840   | 502   | 739   | 739   | 739   | 739   | 464   | 840   | 941   | 941   | 790   | 464   | 464   | 464   | 313   | 0     | 187   | 313   | 277   |       |   |   |   |
| Hydro            |      | 303   | 95    | 289   | 206   | 181   | 262   | 187   | 229   | 129   | 44    | 166   | 130   | 140   | 91    | 151   | 309   | 247   | 264   | 362   | 392   | 484   | 253   | 205   | 334   | 291   | 169   | 286   | 287   | 253   | 403   | 217   | 205   | 123   | 168   | 308   | 276   | 182   | 308   | 410   | 337   | 421   | 375   | 420   |       |       |       |       |       |   |   |   |