

## Daily System Generation Summary on Thursday

Thursday, December 20, 2018

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,453 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,453 MW  |
| Total IPP    | 16,599 MW |
| Total Co-Gen | 65 MW     |
| Total System | 22,491 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 12,900         | 3.57 %          |
| Gas                     | 36,840         | 10.19 %         |
| <b>Total TNB</b>        | <b>49,740</b>  | <b>13.76 %</b>  |
| ST-Coal                 | 213,796        | 59.12 %         |
| LSS                     | 741            | 0.20 %          |
| Gas                     | 96,293         | 26.63 %         |
| <b>Total IPP</b>        | <b>310,830</b> | <b>85.96 %</b>  |
| Co-Gen                  | 1,678          | 0.46 %          |
| <b>Total Co-Gen</b>     | <b>1,678</b>   | <b>0.46 %</b>   |
| <b>Total Generation</b> | <b>362,248</b> | <b>100.18 %</b> |
| PLTG                    | -80            | -0.02 %         |
| HVDC                    | 724            | 0.20 %          |
| <b>Interconnection</b>  | <b>644</b>     | <b>0.18 %</b>   |
| <b>Net Energy</b>       | <b>361,604</b> | <b>100.00 %</b> |

### Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 8/15/2018 | 18,338 MW   |
| Date: 8/15/2018 | 388,524 MWH |

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

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:00:00 Hour |
| Total Set On Bus              | 18,526 MW     |
| TNB Generation                | 2,796 MW      |
| IPP Generation                | 14,389 MW     |
| Spinning Reserve              | 1,274 MW      |
| Maximum Demand                | 17,200 MW     |
| Net Energy                    | 361,604 MWH   |
| Load Factor                   | 87.60 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 67,186,913.76 RM |
| Cost per Unit | 19.59 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 309          |
| Hydro        | 416          |
| Syncon       | 598          |
| Thermal      | 232          |
| <b>Total</b> | <b>1,555</b> |

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

### Gas Usage

| Station                   | (mmscfd)   |
|---------------------------|------------|
| GLGR                      | 53         |
| TJGS                      | 208        |
| <b>Total TNB</b>          | <b>261</b> |
| CBPS                      | 53         |
| KLPP                      | 94         |
| NPRI                      | 151        |
| PGLA                      | 94         |
| PLPS                      | 86         |
| SGRI                      | 37         |
| SKSP                      | 50         |
| YPKA                      | 49         |
| <b>Total IPP</b>          | <b>614</b> |
| <b>Total Gas</b>          | <b>875</b> |
| <b>Total Gas Required</b> | <b>875</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 | 14464 | 13732 | 13277 | 12833 | 12545 | 12431 | 12464 | 12656 | 13271 | 14794 | 15935 | 16597 | 16444 | 16214 | 16842 | 17152 | 17200 | 16848 | 15894 | 15796 | 16466 | 16324 | 15921 | 15467 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, December 27, 2018 9:00:21 AM

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

## Daily MW Generation on Thursday

| Station       | Unit | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| JMAH          | U001 | 692  | 697  | 693  | 692  | 695  | 692  | 694  | 691  | 694  | 692  | 693  | 693  | 693  | 693  | 693  | 692  | 694  | 689  | 692  | 694  | 692  | 693  | 694  | 694  | 694  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
| JMAH          | U002 | 0    | 0    | 0    | 98   | 199  | 211  | 250  | 356  | 354  | 355  | 499  | 506  | 601  | 597  | 603  | 603  | 599  | 588  | 606  | 703  | 689  | 698  | 691  | 705  | 695  | 684  | 691  | 694  | 675  | 650  | 601  | 651  | 693  | 693  | 600  | 456  | 590  | 601  | 603  | 647  | 705  | 694  | 694  | 691  | 693  | 694  | 694  | 694  |     |     |
| JMHE          | U001 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 63   | 106  | 132  | 130  | 131  | 133  | 132  | 281  | 378  | 437  | 504  | 502  | 512  | 643  | 675  | 737  | 766  | 733  | 637  | 508  | 510  | 504  | 509  | 510  | 509  | 507  | 510  |      |      |     |     |
| JMJG          | U001 | 671  | 668  | 671  | 672  | 669  | 673  | 671  | 672  | 673  | 665  | 672  | 670  | 671  | 671  | 688  | 677  | 673  | 674  | 670  | 672  | 675  | 667  | 671  | 668  | 675  | 674  | 671  | 682  | 667  | 673  | 673  | 667  | 672  | 674  | 671  | 672  | 668  | 671  | 672  | 672  | 668  | 669  | 671  | 676  | 682  | 673  | 671  |      |     |     |
| JMJG          | U002 | 672  | 671  | 669  | 675  | 672  | 681  | 671  | 671  | 667  | 668  | 670  | 675  | 672  | 671  | 672  | 682  | 679  | 670  | 681  | 672  | 673  | 670  | 666  | 671  | 670  | 672  | 680  | 674  | 681  | 668  | 678  | 670  | 671  | 672  | 673  | 667  | 672  | 674  | 667  | 676  | 671  | 668  | 673  | 669  | 671  | 672  | 668  | 673  |     |     |
| JMJG          | U003 | 662  | 662  | 662  | 667  | 659  | 661  | 662  | 663  | 666  | 664  | 662  | 662  | 658  | 660  | 662  | 664  | 661  | 658  | 662  | 664  | 662  | 668  | 662  | 662  | 661  | 667  | 664  | 662  | 660  | 661  | 661  | 663  | 661  | 662  | 662  | 662  | 666  | 662  | 665  | 664  | 666  | 662  | 662  | 662  | 662  | 662  | 662  | 662  |     |     |
| JMJG          | U004 | 977  | 977  | 939  | 852  | 783  | 783  | 783  | 783  | 785  | 782  | 785  | 783  | 782  | 785  | 783  | 785  | 785  | 824  | 909  | 980  | 980  | 978  | 981  | 979  | 980  | 977  | 980  | 979  | 981  | 979  | 982  | 978  | 979  | 981  | 978  | 978  | 979  | 981  | 979  | 982  | 979  | 980  | 980  | 978  | 977  | 981  | 978  | 980  |     |     |
| JMJG          | U005 | 981  | 983  | 936  | 796  | 781  | 777  | 789  | 771  | 785  | 781  | 783  | 782  | 779  | 782  | 781  | 783  | 780  | 843  | 951  | 979  | 982  | 982  | 977  | 983  | 982  | 981  | 980  | 982  | 982  | 982  | 981  | 976  | 978  | 979  | 977  | 976  | 982  | 977  | 979  | 980  | 981  | 978  | 983  | 980  | 982  | 980  | 979  |      |     |     |
| PKLG          | U003 | 255  | 256  | 258  | 257  | 256  | 260  | 254  | 256  | 255  | 258  | 256  | 257  | 256  | 255  | 257  | 256  | 255  | 254  | 256  | 256  | 255  | 254  | 253  | 253  | 251  | 254  | 254  | 255  | 254  | 256  | 258  | 257  | 258  | 255  | 256  | 257  | 256  | 256  | 258  | 256  | 258  | 256  | 256  | 257  | 259  |      |      |      |     |     |
| PKLG          | U004 | 283  | 281  | 283  | 283  | 281  | 281  | 281  | 278  | 277  | 280  | 279  | 279  | 280  | 278  | 276  | 279  | 277  | 278  | 279  | 278  | 279  | 276  | 281  | 282  | 280  | 280  | 226  | 199  | 214  | 279  | 281  | 282  | 280  | 278  | 280  | 280  | 280  | 281  | 281  | 279  | 281  | 279  | 276  | 277  | 279  | 280  | 282  | 282  |     |     |
| PKLG          | U006 | 468  | 468  | 472  | 470  | 469  | 469  | 469  | 469  | 469  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 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 | 690  | 688  | 687  | 689  | 687  | 688  | 689  | 689  | 689  | 690  | 689  | 687  | 690  | 688  | 687  | 689  | 685  | 690  | 687  | 690  | 688  | 687  | 688  | 688  | 687  | 685  | 689  | 688  | 687  | 689  | 689  | 687  | 685  | 687  | 687  | 686  | 687  | 685  | 687  | 687  | 688  | 689  | 687  | 689  | 689  | 685  | 688  | 688  |     |     |
| TBIN          | U002 | 688  | 690  | 687  | 690  | 693  | 690  | 689  | 693  | 693  | 689  | 689  | 690  | 689  | 689  | 690  | 697  | 690  | 689  | 685  | 691  | 689  | 688  | 692  | 687  | 689  | 691  | 688  | 691  | 688  | 691  | 691  | 693  | 692  | 691  | 690  | 689  | 690  | 690  | 689  | 691  | 690  | 690  | 690  | 690  | 690  | 690  | 690  | 690  |     |     |
| TBIN          | U003 | 691  | 690  | 690  | 691  | 691  | 694  | 690  | 690  | 690  | 689  | 693  | 688  | 692  | 690  | 691  | 691  | 687  | 690  | 692  | 691  | 689  | 691  | 690  | 690  | 690  | 690  | 691  | 689  | 690  | 691  | 691  | 691  | 693  | 692  | 691  | 690  | 690  | 690  | 691  | 690  | 690  | 690  | 690  | 690  | 690  | 690  | 690  | 690  | 690 |     |
| TBIN          | U004 | 954  | 951  | 931  | 842  | 804  | 800  | 800  | 802  | 803  | 804  | 802  | 802  | 803  | 801  | 802  | 801  | 802  | 803  | 803  | 803  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950  | 950 |     |
| Total ST-Coal |      | 8684 | 8682 | 8578 | 8374 | 8339 | 8360 | 8392 | 8484 | 8500 | 8486 | 8172 | 8174 | 8266 | 8260 | 8268 | 8313 | 8272 | 8353 | 8578 | 8764 | 8901 | 8976 | 8998 | 9047 | 9029 | 9030 | 8989 | 8958 | 9094 | 9190 | 9172 | 9333 | 9398 | 9414 | 9361 | 9240 | 9445 | 9489 | 9452 | 9480 | 9427 | 9404 | 9402 | 9410 | 9409 | 9423 | 9412 | 9418 |     |     |
| 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   |     |
| 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    | 0   |     |
| CBPS          | BLK2 | 363  | 359  | 360  | 362  | 362  | 361  | 361  | 298  | 221  | 222  | 220  | 220  | 223  | 221  | 221  | 217  | 281  | 362  | 379  | 375  | 380  | 373  | 372  | 374  | 375  | 372  | 372  | 373  | 373  | 371  | 371  | 369  | 373  | 374  | 372  | 374  | 368  | 368  | 373  | 370  | 377  | 376  | 369  | 377  | 374  | 374  | 370  | 379  |     |     |
| GLGR          | GT01 | 68   | 68   | 68   | 69   | 69   | 69   | 69   | 68   | 70   | 69   | 69   | 67   | 68   | 69   | 67   | 68   | 68   | 101  | 106  | 105  | 103  | 103  | 103  | 105  | 103  | 105  | 104  | 104  | 104  | 104  | 104  | 105  | 106  | 105  | 102  | 102  | 103  | 103  | 103  | 103  | 103  | 103  | 101  | 102  | 102  | 103  | 102  | 103  | 105 | 105 |
| GLGR          | GT02 | 68   | 68   | 68   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 68   | 69   | 68   | 68   | 69   | 69   | 103  | 105  | 105  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 104  | 105  | 106  | 105  | 102  | 102  | 103  | 103  | 103  | 103  | 103  | 103  | 103  | 105  | 105  | 105  | 105  | 105  | 105  | 105 | 105 |
| GLGR          | ST1C | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 85   | 92   | 92   | 92   | 92   | 93   | 93   | 93   | 93   | 93   | 93   | 94   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 94   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93  |     |
| KLPP          | GT13 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 55   | 140  | 146  | 147  | 148  | 147  | 148  | 147  | 147  | 148  | 146  | 146  | 147  | 148  | 148  | 148  | 133  | 137  | 137  | 133  | 109  | 112  | 149  | 147  | 149  | 149  | 138  | 114  | 35   | 0    |      |      |     |     |
| KLPP          | GT14 | 156  | 110  | 111  | 75   | 78   | 76   | 76   | 77   | 78   | 80   | 80   | 77   | 74   | 76   | 77   | 85   | 82   | 152  | 151  | 157  | 158  | 158  | 159  | 157  | 157  | 158  | 158  | 158  | 157  | 157  | 158  | 158  | 142  | 150  | 145  | 146  | 116  | 116  | 150  | 151  | 150  | 150  | 151  | 151  | 122  | 158  | 158  |      |     |     |
| KLPP          | GT15 | 144  | 108  | 110  | 69   | 71   | 72   | 71   | 70   | 71   | 72   | 72   | 70   | 69   | 72   | 71   | 72   | 75   | 145  | 145  | 148  | 153  | 151  | 150  | 151  | 151  | 150  | 150  | 152  | 152  | 150  | 150  | 150  | 135  | 144  | 141  | 136  | 116  | 114  | 151  | 150  | 150  | 152  | 152  | 143  | 121  | 151  | 146  |      |     |     |
| KLPP          | ST17 | 137  | 118  | 120  | 88   | 84   | 83   | 83   | 84   | 84   | 84   | 88   | 84   | 84   | 84   | 84   | 89   | 92   | 133  | 200  | 206  | 209  | 207  | 207  | 207  | 207  | 207  | 207  | 207  | 207  | 204  | 206  | 206  | 208  | 204  | 200  | 196  | 196  | 197  | 183  | 183  | 208  | 206  | 206  | 204  | 204  | 204  | 191  | 191  | 139 |     |
| NPRI          | BLK1 | 510  | 509  | 511  | 509  | 512  | 508  | 495  | 378  | 378  | 334  | 364  | 506  | 485  | 526  | 522  | 461  | 526  | 427  | 419  | 512  | 509  | 509  | 508  | 510  | 503  | 509  | 511  | 509  | 517  | 506  | 512  | 502  | 509  | 509  | 511  | 502  | 498  | 501  | 508  | 508  | 506  | 505  | 499  | 504  | 509  | 509  | 472  | 520  |     |     |
| NPRI          | BLK2 | 511  | 511  | 512  | 511  | 514  | 509  | 496  | 378  | 380  | 329  | 369  | 509  | 486  | 533  | 527  | 467  | 533  | 431  | 418  | 499  | 529  | 498  | 521  | 523  | 467  | 482  | 526  | 523  | 521  | 416  | 496  | 457  | 514  | 512  | 511  | 506  | 499  | 505  | 512  | 511  | 511  | 508  | 500  | 506  | 511  | 510  | 496  | 516  |     |     |
| PCGP          | PGRG | 503  | 504  | 503  | 503  | 503  | 366  | 366  | 365  | 367  | 366  | 365  | 366  | 361  | 367  | 366  | 367  | 392  | 503  | 500  | 503  | 345  | 599  | 602  | 602  | 605  | 602  | 602  | 601  | 603  | 600  | 600  | 600  | 599  | 601  | 603  | 602  | 600  | 604  | 602  | 422  | 423  | 420  | 300  | 300  | 301  | 301  | 303  | 303  |     |     |
| PGLA          | GT11 | 172  | 163  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 100  | 130  | 235  | 229  | 228  | 228  | 227  | 224  | 226  | 226  | 225  | 225  | 225  | 228  | 225  | 226  | 226  | 226  | 204  | 200  | 191  | 161  | 177  | 202  | 196  | 189  | 211  | 210  | 203  | 214  | 211  | 216  | 171  |     |     |
| PGLA          | GT12 | 174  | 172  | 177  | 196  | 201  | 224  | 187  | 220  | 197  | 186  | 163  | 158  | 155  | 159  | 175  | 178  | 178  | 233  | 234  | 232  | 230  | 230  | 227  | 228  | 224  | 227  | 226  | 226  | 228  | 228  | 228  | 226  | 228  | 205  | 203  | 193  | 164  | 180  | 203  | 198  | 192  | 211  | 212  | 205  | 217  | 212  | 216  | 171  |     |     |
| PGLA          | ST10 | 2    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |

### Daily MW Generation on Thursday

[illegible]

## Daily MW Generation on Thursday

| Station         | Unit | 0000  | 0100  | 0200  | 0300  | 0400  | 0500  | 0600  | 0700  | 0800  | 0900  | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Interconnection |      | 8     | -19   | 23    | 9     | 11    | 56    | 21    | -5    | 1     | 34    | 20    | 42    | 30    | 29    | 57    | 57    | 46    | 45    | 29    | -24   | 77    | 30    | 10    | -4    | 25    | -23   | 10    | -19   | -25   | 58    | 19    | 34    | 68    | 44    | 60    | 63    | 57    | 34    | -16   | -9    | 34    | 33    | 62    | 62    | 28    | 7     | 73    | 30    |
| System Total    |      | 14464 | 14001 | 13732 | 13459 | 13277 | 13011 | 12833 | 12623 | 12545 | 12389 | 12431 | 12440 | 12464 | 12649 | 12656 | 12753 | 13271 | 14242 | 14794 | 15410 | 15935 | 16257 | 16597 | 16634 | 16444 | 16229 | 16214 | 16505 | 16842 | 17058 | 17152 | 17104 | 17200 | 17101 | 16848 | 16342 | 15894 | 15560 | 15796 | 16656 | 16466 | 16500 | 16324 | 16191 | 15921 | 15769 | 15467 | 15258 |
| SRev ST-Coal    |      | 194   | 196   | 300   | 363   | 402   | 379   | 359   | 392   | 392   | 404   | 90    | 88    | 46    | 52    | 94    | 49    | 100   | 129   | 214   | 298   | 111   | 166   | 224   | 195   | 213   | 212   | 226   | 202   | 256   | 322   | 284   | 279   | 264   | 248   | 344   | 335   | 332   | 316   | 356   | 272   | 185   | 208   | 210   | 202   | 203   | 189   | 200   | 209   |
| 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 CCGT-Gas   |      | 866   | 1116  | 801   | 808   | 825   | 931   | 1171  | 1504  | 1595  | 1705  | 1504  | 1320  | 1396  | 1212  | 1207  | 1364  | 968   | 587   | 625   | 358   | 263   | 261   | 171   | 346   | 474   | 494   | 560   | 118   | 166   | 317   | 223   | 334   | 153   | 267   | 278   | 406   | 626   | 1010  | 765   | 337   | 418   | 295   | 317   | 296   | 318   | 502   | 580   | 368   |
| 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 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     |
| SRev Co-Gen     |      | -11   | -14   | -11   | -10   | -10   | -10   | -8    | -10   | -11   | -12   | -9    | -9    | -7    | -10   | -11   | -8    | -9    | -10   | -8    | -6    | -9    | -9    | -7    | -4    | -3    | -6    | -2    | -5    | -4    | 0     | -5    | -4    | -2    | -1    | -5    | 1     | 2     | 9     | 4     | 1     | 0     | 2     | 4     | 0     | -1    | -2    | 1     | 1     |
| Syncon          |      | 1113  | 1113  | 1113  | 1113  | 1113  | 1113  | 1113  | 1113  | 1113  | 825   | 1113  | 1113  | 1113  | 1113  | 962   | 1113  | 1113  | 1113  | 1113  | 962   | 811   | 811   | 634   | 372   | 372   | 685   | 498   | 685   | 372   | 185   | 185   | 185   | 372   | 372   | 559   | 685   | 962   | 962   | 962   | 685   | 685   | 811   | 811   | 811   | 962   | 962   | 962   | 811   |
| Hydro           |      | 247   | 248   | 249   | 259   | 257   | 258   | 261   | 258   | 256   | 256   | 400   | 267   | 269   | 266   | 396   | 264   | 263   | 263   | 263   | 263   | 401   | 330   | 331   | 600   | 602   | 445   | 530   | 484   | 634   | 483   | 469   | 533   | 487   | 479   | 465   | 378   | 523   | 520   | 386   | 305   | 339   | 278   | 279   | 345   | 326   | 330   | 331   | 458   |
| S.Reserve Total |      | 2409  | 2659  | 2452  | 2533  | 2587  | 2671  | 2896  | 3257  | 3345  | 3466  | 2810  | 2779  | 2817  | 2633  | 2648  | 2782  | 2435  | 2082  | 2207  | 1875  | 1577  | 1559  | 1343  | 1509  | 1658  | 1830  | 1812  | 1484  | 1424  | 1307  | 1156  | 1327  | 1274  | 1365  | 1641  | 1805  | 2445  | 2817  | 2473  | 1600  | 1627  | 1594  | 1621  | 1654  | 1808  | 1981  | 2074  | 1847  |