

## Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,467 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,467 MW  |
| Total IPP    | 15,040 MW |
| Total Co-Gen | 0 MW      |
| Total System | 19,742 MW |

## Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 20,144         | 5.51 %          |
| Gas                     | 24,691         | 6.75 %          |
| <b>Total TNB</b>        | <b>44,835</b>  | <b>12.26 %</b>  |
| ST-Coal                 | 195,562        | 53.50 %         |
| LSS                     | 2,622          | 0.72 %          |
| Gas                     | 119,932        | 32.81 %         |
| <b>Total IPP</b>        | <b>318,116</b> | <b>87.02 %</b>  |
| Co-Gen                  | 1,532          | 0.42 %          |
| <b>Total Co-Gen</b>     | <b>1,532</b>   | <b>0.42 %</b>   |
| <b>Total Generation</b> | <b>364,483</b> | <b>99.71 %</b>  |
| PLTG                    | -385           | -0.11 %         |
| HVDC                    | -692           | -0.19 %         |
| <b>Interconnection</b>  | <b>-1,077</b>  | <b>-0.29 %</b>  |
| <b>Net Energy</b>       | <b>365,560</b> | <b>100.00 %</b> |

## Maximum Demand Record

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

## Set On Bus, TNB, IPP And MD

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:00:00 Hour |
| Total Set On Bus              | 18,696 MW     |
| TNB Generation                | 2,257 MW      |
| IPP Generation                | 14,888 MW     |
| Spinning Reserve              | 1,487 MW      |
| Maximum Demand                | 17,274 MW     |
| Net Energy                    | 365,560 MWH   |
| Load Factor                   | 88.18 %       |

## Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 65,374,381.28 RM |
| Cost per Unit | 17.92 cents/kWH  |

## Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 543          |
| Hydro        | 426          |
| Syncon       | 755          |
| Thermal      | 116          |
| <b>Total</b> | <b>1,840</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 34          |
| Morning   | Cloudy  | 28          |

## Gas Usage

| Station                   | (mmcsfd)   |
|---------------------------|------------|
| GLGR                      | 51         |
| PAKA                      | 2          |
| PGPS                      | 22         |
| TJGS                      | 110        |
| <b>Total TNB</b>          | <b>185</b> |
| CBPS                      | 51         |
| KLPP                      | 96         |
| MPSS                      | 39         |
| NPRI                      | 153        |
| PGLA                      | 18         |
| PLPS                      | 88         |
| PTEK                      | 8          |
| SGB3                      | 84         |
| SGRI                      | 137        |
| SKSP                      | 49         |
| YPKA                      | 75         |
| <b>Total IPP</b>          | <b>798</b> |
| <b>Total Gas</b>          | <b>983</b> |
| <b>Total Gas Required</b> | <b>983</b> |

## Alternate Fuel Usage

| Station      | (mmcsfd) |
|--------------|----------|
| <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 | 14674 | 13943 | 13565 | 13123 | 12820 | 12724 | 12865 | 12992 | 13490 | 15176 | 16096 | 16608 | 16630 | 16422 | 17025 | 17198 | 17274 | 16836 | 15809 | 15980 | 16538 | 16281 | 15856 | 15461 |

## 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 | 693  | 700  | 692  | 692  | 692  | 691  | 694  | 692  | 693  | 691  | 694  | 694  | 692  | 692  | 695  | 692  | 693  | 693  | 692  | 692  | 693  | 689  | 693  | 691  | 693  | 692  | 693  | 693  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| JMHE          | U001 | 973  | 899  | 899  | 851  | 849  | 847  | 850  | 851  | 850  | 852  | 850  | 849  | 849  | 992  | 978  | 982  | 981  | 978  | 980  | 978  | 975  | 982  | 979  | 979  | 979  | 987  | 977  | 979  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| JMHE          | U002 | 748  | 753  | 752  | 750  | 751  | 750  | 752  | 753  | 748  | 753  | 751  | 749  | 748  | 749  | 748  | 750  | 752  | 749  | 747  | 750  | 748  | 749  | 749  | 747  | 749  | 750  | 754  | 748  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| JMJG          | U004 | 982  | 906  | 905  | 864  | 854  | 854  | 858  | 856  | 856  | 855  | 854  | 856  | 856  | 856  | 854  | 855  | 918  | 978  | 980  | 978  | 977  | 979  | 979  | 977  | 977  | 978  | 980  | 981  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| JMJG          | U005 | 601  | 675  | 785  | 777  | 779  | 777  | 781  | 781  | 781  | 779  | 778  | 782  | 779  | 783  | 776  | 785  | 778  | 782  | 782  | 777  | 777  | 785  | 819  | 858  | 852  | 835  | 843  | 824  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| PKLG          | U003 | 278  | 282  | 282  | 283  | 282  | 284  | 281  | 282  | 280  | 282  | 283  | 283  | 283  | 285  | 281  | 272  | 205  | 260  | 277  | 279  | 277  | 279  | 279  | 281  | 278  | 283  | 283  | 281  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| PKLG          | U004 | 281  | 282  | 279  | 281  | 281  | 279  | 279  | 280  | 278  | 279  | 283  | 280  | 282  | 280  | 279  | 275  | 280  | 280  | 281  | 278  | 279  | 277  | 276  | 278  | 277  | 278  | 280  | 282  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| PKLG          | U005 | 468  | 466  | 468  | 460  | 468  | 466  | 466  | 468  | 463  | 468  | 471  | 468  | 468  | 476  | 472  | 465  | 466  | 468  | 468  | 468  | 466  | 467  | 465  | 466  | 469  | 470  | 470  | 468  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| TBIN          | U001 | 690  | 691  | 690  | 690  | 690  | 690  | 691  | 691  | 690  | 689  | 692  | 689  | 690  | 689  | 690  | 690  | 692  | 691  | 690  | 689  | 689  | 689  | 691  | 690  | 689  | 692  | 687  | 692  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| TBIN          | U002 | 693  | 692  | 691  | 693  | 693  | 691  | 696  | 692  | 694  | 690  | 691  | 693  | 696  | 691  | 691  | 693  | 691  | 693  | 690  | 692  | 691  | 692  | 693  | 690  | 692  | 692  | 691  | 692  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| TBIN          | U003 | 693  | 693  | 690  | 691  | 690  | 692  | 691  | 691  | 695  | 691  | 691  | 691  | 692  | 692  | 692  | 693  | 692  | 690  | 691  | 692  | 692  | 690  | 694  | 691  | 691  | 694  | 692  | 689  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| TBIN          | U004 | 983  | 899  | 903  | 857  | 852  | 852  | 853  | 852  | 852  | 853  | 851  | 851  | 852  | 853  | 852  | 853  | 894  | 982  | 982  | 982  | 982  | 982  | 985  | 982  | 982  | 983  | 984  | 982  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| Total ST-Coal |      | 8083 | 7938 | 8036 | 7889 | 7881 | 7873 | 7892 | 7889 | 7880 | 7882 | 7892 | 7883 | 7887 | 7899 | 7883 | 7871 | 7801 | 8113 | 8261 | 8263 | 8258 | 8276 | 8294 | 8327 | 8321 | 8329 | 8327 | 8306 | 8278 | 8289 | 8290 | 8281 | 8300 | 8284 | 8287 | 8306 | 8278 | 8274 | 8286 | 8292 | 8286 | 8279 | 8272 | 8280 | 8282 | 8298 | 8266 | 8288 |   |
| 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 | 356  | 361  | 351  | 355  | 361  | 361  | 281  | 222  | 219  | 219  | 222  | 221  | 222  | 320  | 362  | 359  | 360  | 356  | 359  | 358  | 357  | 362  | 359  | 358  | 355  | 355  | 363  | 358  | 359  | 357  | 358  | 365  | 359  | 358  | 359  | 359  | 366  | 354  | 355  | 362  | 353  | 365  | 354  | 362  | 359  | 358  |      |      |   |
| GLGR          | GT01 | 68   | 67   | 67   | 69   | 69   | 69   | 68   | 69   | 68   | 69   | 68   | 68   | 69   | 68   | 93   | 90   | 84   | 90   | 103  | 103  | 103  | 103  | 68   | 81   | 103  | 102  | 103  | 103  | 103  | 103  | 103  | 103  | 76   | 67   | 67   | 69   | 88   | 101  | 100  | 99   | 100  | 100  | 77   | 67   | 67   |      |      |      |   |
| GLGR          | GT02 | 68   | 69   | 68   | 68   | 68   | 68   | 68   | 68   | 68   | 68   | 68   | 69   | 68   | 68   | 69   | 67   | 94   | 90   | 84   | 92   | 104  | 104  | 104  | 104  | 67   | 81   | 104  | 104  | 104  | 104  | 104  | 103  | 104  | 75   | 67   | 69   | 68   | 90   | 100  | 101  | 100  | 100  | 78   | 68   | 68   |      |      |      |   |
| GLGR          | ST1C | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 82   | 89   | 83   | 84   | 93   | 94   | 94   | 94   | 78   | 76   | 94   | 94   | 93   | 94   | 94   | 94   | 94   | 93   | 94   | 83   | 71   | 71   | 72   | 81   | 91   | 91   | 91   | 92   | 91   | 83   | 70   | 71   |      |      |   |
| KLPP          | GT13 | 118  | 117  | 107  | 69   | 70   | 70   | 70   | 69   | 71   | 71   | 70   | 70   | 70   | 69   | 70   | 108  | 107  | 107  | 115  | 120  | 127  | 133  | 134  | 137  | 140  | 136  | 133  | 132  | 138  | 138  | 140  | 140  | 140  | 137  | 141  | 141  | 140  | 111  | 116  | 123  | 118  | 121  | 118  | 122  | 122  | 115  | 119  | 115  |   |
| KLPP          | GT14 | 126  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 41   | 120  | 125  | 130  | 137  | 147  | 141  | 143  | 147  | 144  | 152  | 142  | 144  | 148  | 147  | 149  | 149  | 152  | 152  | 152  | 153  | 112  | 117  | 155  | 155  | 154  | 156  | 156  | 157  | 123  | 128  | 123  |      |   |
| KLPP          | GT15 | 129  | 132  | 120  | 81   | 81   | 80   | 80   | 80   | 81   | 81   | 81   | 82   | 81   | 85   | 82   | 119  | 119  | 119  | 128  | 132  | 141  | 141  | 144  | 148  | 146  | 150  | 146  | 146  | 148  | 147  | 151  | 151  | 149  | 151  | 154  | 155  | 151  | 152  | 123  | 127  | 153  | 152  | 151  | 150  | 152  | 124  | 130  | 126  |   |
| KLPP          | ST17 | 202  | 160  | 129  | 99   | 97   | 97   | 95   | 94   | 96   | 96   | 96   | 96   | 97   | 99   | 99   | 135  | 129  | 185  | 201  | 197  | 209  | 209  | 209  | 209  | 210  | 210  | 210  | 210  | 210  | 209  | 209  | 210  | 210  | 213  | 213  | 211  | 193  | 193  | 209  | 209  | 209  | 210  | 210  | 209  | 201  | 201  | 201  |      |   |
| MPSS          | GT01 | 88   | 89   | 87   | 88   | 90   | 91   | 88   | 89   | 88   | 89   | 90   | 90   | 90   | 92   | 90   | 87   | 88   | 88   | 87   | 87   | 87   | 87   | 86   | 87   | 86   | 88   | 86   | 104  | 103  | 103  | 102  | 102  | 102  | 102  | 103  | 83   | 68   | 69   | 70   | 91   | 105  | 104  | 90   | 42   | 0    | 0    | 0    | 0    |   |
| MPSS          | GT02 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 80   | 105  | 103  | 103  | 102  | 103  | 103  | 103  | 103  | 84   | 71   | 73   | 72   | 90   | 103  | 102  | 92   | 94   | 102  | 92   | 89   | 88   |      |   |
| MPSS          | ST01 | 36   | 36   | 36   | 36   | 36   | 36   | 36   | 35   | 36   | 36   | 36   | 36   | 37   | 37   | 36   | 35   | 35   | 35   | 37   | 36   | 34   | 37   | 37   | 38   | 38   | 39   | 40   | 109  | 111  | 111  | 111  | 111  | 111  | 111  | 111  | 95   | 70   | 69   | 68   | 80   | 109  | 110  | 102  | 75   | 47   | 40   | 39   | 37   |   |
| NPRI          | BLK1 | 506  | 513  | 503  | 510  | 515  | 517  | 508  | 393  | 327  | 331  | 338  | 425  | 516  | 530  | 493  | 338  | 458  | 473  | 504  | 510  | 509  | 507  | 508  | 508  | 504  | 512  | 508  | 505  | 510  | 512  | 510  | 510  | 511  | 513  | 509  | 508  | 502  | 511  | 514  | 506  | 497  | 511  | 500  | 509  | 503  | 511  | 504  | 503  |   |
| NPRI          | BLK2 | 509  | 514  | 506  | 512  | 516  | 518  | 511  | 515  | 514  | 403  | 320  | 319  | 320  | 321  | 513  | 513  | 512  | 514  | 507  | 511  | 511  | 511  | 509  | 511  | 505  | 512  | 508  | 505  | 509  | 512  | 510  | 512  | 512  | 514  | 509  | 508  | 503  | 511  | 516  | 508  | 499  | 511  | 502  | 513  | 506  | 514  | 505  | 504  |   |
| PAKA          | GT4B | 75   | 75   | 75   | 75   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |   |
| PAKA          | ST4C | 37   | 37   | 37   | 10   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0 |
| PCGP          | PGRG | 585  | 597  | 578  | 591  | 603  | 601  | 585  | 598  | 597  | 599  | 602  | 603  | 602  | 601  | 602  | 602  | 599  | 601  | 587  | 604  | 598  | 597  | 594  | 597  | 588  | 604  | 596  | 590  | 600  | 600  | 598  | 601  | 602  | 603  | 597  | 595  | 585  | 602  | 608  | 587  | 574  | 602  | 582  | 604  | 584  | 599  | 590  | 588  |   |
| PGLA          | GT11 | 225  | 227  | 224  | 230  | 168  | 167  | 164  | 165  | 163  | 163  | 164  | 163  | 161  | 162  | 154  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |   |
| PGLA          | GT12 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8    | 28   | 59   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0 |
| PGLA          | ST10 | 108  | 108  | 108  | 103  | 84   | 84   | 86   | 88   | 90   | 89   | 90   | 90   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   | 91   |   |
| PGPS          | GT3B | 71   | 71   | 71   | 71   | 71   | 72   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   | 71   |      |   |
| PGPS          | ST3C | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   |   |
| PLPS          | GT11 | 112  | 115  | 61   | 65   | 65   | 66   | 62   | 65   | 62   | 65   | 66   | 66   | 65   | 65   | 65   | 65   | 65   | 113  | 115  | 112  | 129  | 131  | 133  | 129  | 136  | 132  | 140  | 117  | 130  | 140  | 135  | 133  | 136  | 140  | 140  | 129  | 119  | 111  | 117  | 132  | 113  | 111  | 126  | 113  | 139  | 114  | 115  | 115  |   |

### 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  |       |      |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| TMGR             | 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    |       |      |
| 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 | 30    | 31    | 29    | 30    | 31    | 31    | 30    | 31    | 31    | 31    | 31    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    | 33    |       |      |
| UJLI             | HY01 | -1    | -1    | -1    | -1    | -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    | 0     | -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     | 6     | 5     | 6     | 6     | 6     | 5     | 5     | 6     | 6     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |       |      |
| Total Hydro      |      | 695   | 697   | 694   | 685   | 679   | 553   | 570   | 494   | 506   | 481   | 484   | 484   | 486   | 490   | 493   | 556   | 675   | 700   | 556   | 621   | 874   | 977   | 1026  | 1060  | 956   |      |
| 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 0     |      |
| PCUF             | CUFG | 47    | 32    | 31    | 30    | 30    | 31    | 31    | 31    | 31    | 32    | 32    | 30    | 31    | 30    | 30    | 31    | 31    | 32    | 31    | 29    | 30    | 30    | 32    | 31    | 31    |      |
| PCUF             | CUFK | 33    | 33    | 33    | 33    | 34    | 34    | 34    | 34    | 34    | 32    | 33    | 33    | 34    | 33    | 34    | 32    | 32    | 33    | 32    | 32    | 32    | 32    | 33    | 32    | 32    |      |
| Total Co-Gen     |      | 80    | 65    | 64    | 63    | 64    | 65    | 65    | 65    | 63    | 65    | 65    | 64    | 64    | 64    | 62    | 65    | 66    | 65    | 62    | 62    | 64    | 64    | 64    | 64    | 62    |      |
| Total Gen        |      | 14637 | 14223 | 13905 | 13665 | 13504 | 13268 | 13071 | 12951 | 12780 | 12650 | 12631 | 12688 | 12783 | 12924 | 12973 | 12921 | 13426 | 14363 | 15100 | 15589 | 16002 | 16255 | 16536 | 16739 | 16568 |      |
| 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     |      |
| TIE-HVDC         |      | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   |      |
| TIE-PLTG         |      | 4     | -6    | 2     | 7     | -20   | -36   | -12   | -6    | 1     | -35   | -52   | -15   | -41   | 8     | 22    | 32    | -23   | -14   | -36   | -62   | -54   | -68   | -31   | -19   | -21   |      |
| Interconnection  |      | -25   | -35   | -26   | -21   | -49   | -65   | -40   | -35   | -28   | -64   | -81   | -44   | -70   | -21   | -7    | 3     | -52   | -44   | -64   | -91   | -82   | -97   | -60   | -47   | -50   |      |
| System Total     |      | 14674 | 14270 | 13943 | 13698 | 13565 | 13345 | 13123 | 12998 | 12820 | 12726 | 12724 | 12744 | 12865 | 12957 | 12992 | 12930 | 13490 | 14419 | 15176 | 15692 | 16096 | 16364 | 16608 | 16798 | 16630 |      |
| SRev ST-Coal     |      | 110   | 352   | 332   | 343   | 337   | 344   | 332   | 334   | 344   | 342   | 333   | 335   | 334   | 324   | 343   | 353   | 335   | 170   | 28    | 110   | 115   | 97    | 119   | 136   | 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     | 0     | 0    |
| SRev CCGT-Gas    |      | 1121  | 1159  | 1571  | 1654  | 1678  | 1781  | 2014  | 2055  | 2227  | 2336  | 2368  | 2301  | 2212  | 2097  | 2033  | 1817  | 1514  | 990   | 796   | 529   | 547   | 470   | 520   | 385   | 448   | 521  |
| 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    |
| 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    |
| SRev Co-Gen      |      | -5    | 10    | 11    | 12    | 11    | 10    | 10    | 10    | 12    | 10    | 10    | 11    | 11    | 13    | 10    | 9     | 10    | 13    | 13    | 11    | 11    | 10    | 13    | 12    | 11    | 12   |
| Syncon           |      | 1001  | 1001  | 1001  | 814   | 1001  | 1001  | 850   | 1127  | 976   | 1127  | 1127  | 1127  | 1127  | 1127  | 1001  | 1001  | 850   | 1001  | 1001  | 1001  | 1001  | 1001  | 1001  | 1001  | 1001  | 1001 |
| Hydro            |      | 255   | 253   | 256   | 278   | 271   | 397   | 531   | 342   | 469   | 343   | 340   | 340   | 338   | 334   | 331   | 394   | 275   | 401   | 394   | 329   | 363   | 260   | 261   | 277   | 381   | 336  |
| S.Reserve Total  |      | 2482  | 2775  | 3171  | 3101  | 3298  | 3533  | 3737  | 3868  | 4028  | 4158  | 4178  | 4114  | 4022  | 3893  | 3847  | 3575  | 3134  | 2421  | 2232  | 1982  | 1850  | 1652  | 1724  | 1625  | 1787  | 1973 |