

**Availability at Daily Maximum Demand Hour**

|                     |                  |
|---------------------|------------------|
| ST-Coal             | 3,040 MW         |
| ST-Gas              | 0 MW             |
| ST-Oil              | 0 MW             |
| Gas                 | 4,404 MW         |
| Hydro               | 1,710 MW         |
| Distillate          | 0 MW             |
| <b>Total TNB</b>    | <b>9,154 MW</b>  |
| <b>Total IPP</b>    | <b>9,746 MW</b>  |
| <b>Total Co-Gen</b> | <b>0 MW</b>      |
| <b>Total System</b> | <b>19,185 MW</b> |

**Generation Mix**

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| ST-Coal                 | 64,850         | 19.42 %         |
| Gas                     | 73,950         | 22.15 %         |
| Hydro                   | 12,947         | 3.88 %          |
| <b>Total TNB</b>        | <b>151,747</b> | <b>45.45 %</b>  |
| ST-Coal                 | 79,489         | 23.81 %         |
| Gas                     | 102,168        | 30.60 %         |
| <b>Total IPP</b>        | <b>181,657</b> | <b>54.41 %</b>  |
| Co-Gen                  | 527            | 0.16 %          |
| <b>Total Co-Gen</b>     | <b>527</b>     | <b>0.16 %</b>   |
| <b>Total Generation</b> | <b>333,931</b> | <b>100.02 %</b> |
| PLTG                    | -651           | -0.19 %         |
| HVDC                    | 729            | 0.22 %          |
| <b>Interconnection</b>  | <b>78</b>      | <b>0.02 %</b>   |
| <b>Net Energy</b>       | <b>333,853</b> | <b>100.00 %</b> |

**Maximum Demand Record**

|                 |             |
|-----------------|-------------|
| Date: 6/11/2014 | 16,901 MW   |
| Date: 6/24/2014 | 355,911 MWH |

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

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 15:30:00 Hour |
| Total Set On Bus              | 17,403 MW     |
| TNB Generation                | 7,474 MW      |
| IPP Generation                | 8,707 MW      |
| Spinning Reserve              | 1,206 MW      |
| Maximum Demand                | 16,162 MW     |
| Net Energy                    | 333,853 MWH   |
| Load Factor                   | 86.07 %       |

**Fuel Cost**

|               |                  |
|---------------|------------------|
| Total Cost:   | 53,583,863.89 RM |
| Cost per Unit | 16.68 cents/kWH  |

**Average Spinning Reserve During Peak Hour**

| Type         | MW           |
|--------------|--------------|
| GT           | 483          |
| Hydro        | 208          |
| Syncon       | 453          |
| Thermal      | 38           |
| <b>Total</b> | <b>1,182</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 32          |
| Morning   | Cloudy  | 27          |

**Gas Usage**

| Station                   | (mmscfd)     |
|---------------------------|--------------|
| CBPS                      | 47           |
| GLGR                      | 59           |
| PAKA                      | 139          |
| PGPS                      | 51           |
| SRDG                      | 69           |
| TJGS                      | 219          |
| <b>Total TNB</b>          | <b>584</b>   |
| KLPP                      | 104          |
| MPSS                      | 62           |
| PDPS                      | 21           |
| PGLA                      | 114          |
| PKLG                      | 21           |
| PLPS                      | 99           |
| PTEK                      | 21           |
| SGB3                      | 64           |
| SGRI                      | 194          |
| SKSP                      | 55           |
| YPKA                      | 58           |
| <b>Total IPP</b>          | <b>814</b>   |
| <b>Total Gas</b>          | <b>1,397</b> |
| <b>Total Gas Required</b> | <b>1,397</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 | 12896 | 12079 | 11758 | 11428 | 11236 | 11058 | 11298 | 11235 | 12050 | 13916 | 14986 | 15584 | 15601 | 15310 | 16039 | 16160 | 16144 | 15772 | 14666 | 14399 | 15453 | 15236 | 14868 | 14217 |

### 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 | 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          | U002 | 701  | 700  | 696  | 672  | 675  | 672  | 673  | 650  | 654  | 649  | 652  | 654  | 652  | 656  | 652  | 651  | 703  | 703  | 707  | 702  | 705  | 703  | 702  | 700  | 697  | 697  | 695  | 698  | 700  | 699  | 699  | 694  | 701  | 702  | 700  | 701  | 702  | 700  | 693  | 699  | 703  | 702  | 701  | 704  | 700  |      |      |      |     |     |     |
| JMJG          | U001 | 675  | 671  | 673  | 657  | 668  | 665  | 659  | 645  | 658  | 643  | 645  | 646  | 650  | 648  | 579  | 645  | 677  | 681  | 705  | 679  | 677  | 673  | 677  | 674  | 678  | 673  | 676  | 688  | 687  | 684  | 674  | 678  | 673  | 671  | 676  | 671  | 677  | 675  | 672  | 679  | 684  | 678  | 683  | 672  | 681  | 677  | 675  |      |     |     |     |
| JMJG          | U002 | 679  | 677  | 672  | 665  | 662  | 663  | 662  | 645  | 645  | 644  | 643  | 646  | 643  | 645  | 645  | 643  | 679  | 677  | 698  | 679  | 685  | 678  | 682  | 683  | 678  | 678  | 680  | 699  | 688  | 673  | 685  | 679  | 678  | 678  | 678  | 679  | 673  | 681  | 679  | 682  | 678  | 690  | 681  | 697  | 678  | 679  | 681  | 676  |     |     |     |
| JMJG          | U003 | 644  | 639  | 637  | 640  | 640  | 645  | 637  | 639  | 638  | 643  | 637  | 644  | 642  | 639  | 639  | 638  | 639  | 641  | 640  | 640  | 636  | 640  | 636  | 643  | 638  | 638  | 641  | 639  | 615  | 613  | 612  | 616  | 618  | 591  | 590  | 595  | 584  | 582  | 586  | 584  | 585  | 585  | 585  | 541  | 542  | 540  | 539  |      |     |     |     |
| JMJG          | U004 | 0    | 0    | 276  | 431  | 509  | 606  | 638  | 658  | 662  | 662  | 662  | 659  | 662  | 662  | 659  | 661  | 711  | 759  | 814  | 860  | 862  | 861  | 860  | 860  | 856  | 862  | 862  | 862  | 861  | 863  | 860  | 862  | 861  | 862  | 861  | 862  | 862  | 860  | 861  | 861  | 861  | 861  | 860  | 861  | 860  |      |      |      |     |     |     |
| PKLG          | U004 | 279  | 278  | 278  | 278  | 278  | 278  | 277  | 274  | 276  | 273  | 275  | 275  | 275  | 275  | 275  | 275  | 279  | 279  | 279  | 277  | 279  | 275  | 279  | 279  | 281  | 279  | 279  | 277  | 277  | 275  | 267  | 267  | 277  | 277  | 279  | 277  | 278  | 278  | 277  | 277  | 275  | 275  | 275  | 275  | 275  | 279  | 278  | 278  |     |     |     |
| PKLG          | U006 | 469  | 469  | 466  | 469  | 469  | 472  | 469  | 469  | 469  | 469  | 469  | 469  | 469  | 469  | 469  | 469  | 469  | 469  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  | 468  |     |     |     |
| TBIN          | U001 | 695  | 694  | 686  | 669  | 669  | 668  | 668  | 647  | 649  | 649  | 650  | 648  | 652  | 648  | 647  | 698  | 699  | 698  | 696  | 695  | 695  | 694  | 695  | 697  | 695  | 694  | 697  | 698  | 697  | 696  | 699  | 696  | 701  | 689  | 458  | 166  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      |     |     |     |
| TBIN          | U002 | 699  | 697  | 694  | 672  | 673  | 670  | 671  | 651  | 650  | 651  | 652  | 650  | 652  | 652  | 651  | 704  | 701  | 699  | 698  | 699  | 696  | 700  | 696  | 698  | 699  | 702  | 698  | 699  | 698  | 700  | 698  | 698  | 700  | 697  | 698  | 698  | 699  | 699  | 703  | 699  | 698  | 699  | 700  | 699  | 698  | 698  | 699  |      |     |     |     |
| TBIN          | U003 | 694  | 694  | 687  | 673  | 669  | 669  | 675  | 652  | 651  | 651  | 650  | 649  | 652  | 651  | 650  | 651  | 698  | 701  | 694  | 700  | 697  | 696  | 695  | 695  | 699  | 696  | 697  | 697  | 694  | 696  | 696  | 696  | 694  | 696  | 699  | 697  | 696  | 696  | 692  | 701  | 699  | 698  | 694  | 698  | 694  | 694  |      |      |     |     |     |
| Total ST-Coal |      | 5535 | 5519 | 5765 | 5826 | 5912 | 6008 | 6029 | 5930 | 5950 | 5934 | 5934 | 5942 | 5945 | 5949 | 5868 | 5935 | 6251 | 6310 | 6401 | 6401 | 6396 | 6389 | 6394 | 6393 | 6396 | 6390 | 6396 | 6421 | 6384 | 6358 | 6361 | 6362 | 6363 | 6372 | 6320 | 6104 | 5810 | 5645 | 5648 | 5649 | 5640 | 5644 | 5646 | 5670 | 5593 | 5601 | 5604 | 5588 |     |     |     |
| 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   | 0   |     |
| CBPS          | GT1A | 98   | 98   | 94   | 87   | 87   | 87   | 88   | 87   | 88   | 88   | 87   | 87   | 87   | 88   | 98   | 98   | 98   | 96   | 94   | 93   | 89   | 89   | 89   | 89   | 89   | 89   | 93   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   |      |     |     |     |
| CBPS          | GT1B | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8    | 52   | 62   | 97   | 95   | 96   | 95   | 95   | 94   | 96   | 94   | 92   | 90   | 90   | 90   | 90   | 90   | 93   | 94   | 95   | 95   | 97   | 95   | 95   | 96   | 96   | 96   | 95   | 96   | 95   | 96   | 95   | 96   |     |     |     |
| CBPS          | ST1C | 47   | 47   | 45   | 40   | 40   | 40   | 41   | 41   | 40   | 41   | 40   | 40   | 40   | 39   | 39   | 41   | 40   | 99   | 101  | 101  | 101  | 101  | 101  | 99   | 97   | 96   | 91   | 91   | 92   | 91   | 92   | 92   | 96   | 100  | 101  | 101  | 102  | 101  | 102  | 103  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 103  |     |     |     |
| GLGR          | GT01 | 110  | 111  | 111  | 110  | 108  | 109  | 111  | 108  | 110  | 111  | 111  | 110  | 111  | 109  | 108  | 110  | 110  | 110  | 110  | 110  | 111  | 111  | 110  | 110  | 109  | 108  | 108  | 108  | 107  | 108  | 108  | 110  | 110  | 110  | 109  | 109  | 110  | 110  | 111  | 110  | 111  | 110  | 111  | 111  | 112  | 112  | 112  |      |     |     |     |
| GLGR          | GT02 | 107  | 107  | 107  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 108  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 106  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 106  | 107  | 107  | 107  | 107  |      |     |     |     |
| GLGR          | ST1C | 98   | 100  | 99   | 98   | 99   | 98   | 98   | 99   | 99   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   |     |     |     |
| KLPP          | GT11 | 7    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |     |     |     |
| KLPP          | GT12 | 7    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |     |     |     |
| KLPP          | GT13 | 141  | 135  | 137  | 137  | 95   | 79   | 79   | 78   | 78   | 77   | 77   | 78   | 78   | 78   | 78   | 78   | 78   | 111  | 136  | 137  | 138  | 142  | 144  | 144  | 144  | 143  | 144  | 144  | 144  | 145  | 144  | 144  | 145  | 144  | 145  | 144  | 145  | 144  | 144  | 144  | 114  | 112  | 140  | 142  | 142  | 142  | 143  | 142  | 141 | 141 | 141 |
| KLPP          | GT14 | 148  | 148  | 148  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 9    | 9    | 77   | 77   | 138  | 137  | 148  | 147  | 147  | 147  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148  | 148 |     |     |
| KLPP          | GT15 | 143  | 143  | 141  | 141  | 98   | 77   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 77   | 77   | 76   | 118  | 141  | 142  | 142  | 142  | 142  | 143  | 143  | 141  | 146  | 147  | 142  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 146  | 145  | 117  | 114  | 141  | 145  | 142  | 142  | 142  | 143  | 141  | 143  | 143 |     |     |
| KLPP          | ST17 | 225  | 204  | 204  | 160  | 116  | 96   | 95   | 93   | 94   | 93   | 96   | 93   | 93   | 93   | 92   | 94   | 171  | 202  | 202  | 218  | 230  | 234  | 234  | 233  | 233  | 233  | 235  | 235  | 232  | 232  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235  | 235 |     |     |
| MPSS          | GT01 | 107  | 107  | 107  | 107  | 107  | 99   | 75   | 74   | 74   | 76   | 76   | 74   | 73   | 109  | 108  | 107  | 107  | 106  | 105  | 105  | 103  | 103  | 103  | 102  | 103  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 103  | 102  | 103  | 102  | 103  | 102  | 103  | 104  | 104  | 104  | 104  | 104  | 105  | 106  | 106  | 106  | 106 |     |     |
| MPSS          | GT02 | 109  | 109  | 109  | 110  | 109  | 110  | 98   | 76   | 77   | 78   | 77   | 77   | 78   | 78   | 109  | 110  | 110  | 109  | 107  | 107  | 107  | 107  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106  | 106 | 106 |     |
| MPSS          | ST01 | 115  | 115  | 115  | 115  | 115  | 111  | 73   | 73   | 72   | 72   | 72   | 72   | 73   | 105  | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 114  | 115  | 115  | 115  | 115  | 115  | 115  |     |     |     |
| PAKA          | GT1A | 90   | 91   | 80   | 65   | 64   | 65   | 65   | 65   | 67   | 65   | 66   | 66   | 66   | 67   | 65   | 64   | 65   | 66   | 66   | 66   | 65   | 66   | 65   | 66   | 65   | 66   | 65   | 66   | 65   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66   | 66  |     |     |
| PAKA          | GT1B | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 28   | 66   | 66   | 66   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 65  | 65  |     |
| PAKA          | ST1C | 36   | 36   | 35   | 30   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 30   | 30   | 29   | 72   | 78   | 79   | 79   | 79   | 79   | 79   | 79   | 79   | 78   | 78   | 78   | 78   | 78   | 68   | 68   | 67   | 67   | 67   | 67   |      |      |      |      |      |      |      |      |      |      |     |     |     |



### 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  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| KNYR             | HY03  | 61    | 57    | 59    | 60    | 60    | 59    | 60    | 57    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 66    | 61    | 64    | 61    | 58    | 0     | 0     | 0     | 61    | 59    | 57    | 56    | 101   | 100   | 97    | 97    | 95    | 100   | 95    | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 99    | 0     |       |       |       |   |
| KNYR             | HY04  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 59    | 59    | 59    | 61    | 61    | 66    | 61    | 60    | 62    | 62    | 67    | 61    | 65    | 62    | 59    | 60    | 59    | 65    | 64    | 61    | 60    | 61    | 62    | 58    | 58    | 56    | 61    | 56    | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 101   | 101   |       |       |   |
| LPIA             | HY02  | 15    | 15    | 16    | 16    | 15    | 15    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    | 16    |       |       |   |
| MNOR             | HY01  | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 6     | 6     | 5     | 5     | 5     | 5     | 3     | 3     | 6     | 6     | 7     | 7     | 7     | 7     | 7     | 7     | 5     | 5     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     |       |       |   |
| PGAU             | HY02  | -1    | -1    | -1    | -1    | -1    | -1    | 22    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 20    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |       |       |   |
| PGAU             | HY03  | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 21    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |       |       |   |
| PGAU             | HY04  | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 21    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |       |       |   |
| SIHY             | HY01  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    |       |   |
| SIHY             | HY02  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    |       |   |
| SIHY             | HY03  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    |       |   |
| SYPS             | HY01  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    |   |
| SYPS             | HY02  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    |   |
| SYPS             | HY03  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    |       |   |
| TMGR             | HY01  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 59    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    | 85    |       |   |
| TMGR             | HY02  | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 59    | 88    | 86    | 88    | 86    | 84    | 85    | 85    | 88    | 88    | 86    | 84    | 86    | 86    | 87    | 79    | 33    | -1    | -1    | -1    | 59    | 59    | 62    | 57    | 37    | 34    | -1    | -1    | -1    | -1    | -1    | -1    |   |
| TMGR             | HY03  | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 58    | 87    | 85    | 86    | 86    | 84    | 85    | 86    | 87    | 87    | 86    | 83    | 85    | 86    | 85    | 84    | 30    | -1    | -1    | -1    | 58    | 59    | 61    | 56    | 9     | -1    | -1    | -1    | -1    | -1    | -1    | -1    |   |
| TMGR             | HY04  | 36    | 32    | 34    | 34    | 35    | 34    | 35    | 32    | 33    | 34    | 34    | 36    | 35    | 39    | 35    | 34    | 33    | 36    | 41    | 58    | 82    | 82    | 82    | 82    | 80    | 82    | 81    | 82    | 82    | 82    | 81    | 81    | 81    | 81    | 80    | 33    | 31    | 36    | 32    | 58    | 59    | 60    | 56    | 39    | 36    | 36    | 34    | 35    |   |
| UPIA             | HY01  | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |       |       |   |
| UPIA             | HY02  | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     |       |       |   |
| Total Hydro      |       | 232   | 161   | 167   | 168   | 167   | 165   | 192   | 162   | 166   | 167   | 171   | 170   | 181   | 192   | 168   | 164   | 175   | 185   | 680   | 992   | 968   | 1012  | 1001  | 916   | 757   | 756   | 772   | 1046  | 1057  | 1023  | 1029  | 1076  | 1000  | 917   | 493   | 386   | 344   | 352   | 743   | 776   | 786   | 787   | 627   | 631   | 573   | 471   | 373   |       |   |
| 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     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |   |
| PCUF             | CUFPG | 18    | 20    | 20    | 18    | 17    | 20    | 19    | 19    | 19    | 18    | 19    | 19    | 18    | 18    | 18    | 17    | 17    | 18    | 18    | 17    | 17    | 18    | 18    | 17    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 19    |   |
| PCUF             | CUFK  | 6     | 7     | 7     | 6     | 7     | 6     | 7     | 7     | 8     | 7     | 7     | 6     | 8     | 7     | 7     | 6     | 7     | 8     | 8     | 8     | 9     | 9     | 9     | 3     | 2     | 2     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |   |
| Total Co-Gen     |       | 24    | 27    | 27    | 24    | 24    | 26    | 26    | 27    | 25    | 26    | 25    | 27    | 27    | 26    | 26    | 27    | 26    | 26    | 27    | 26    | 26    | 21    | 19    | 19    | 18    | 18    | 17    | 16    | 16    | 18    | 17    | 18    | 17    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 19    |   |
| Total Gen        |       | 12855 | 12407 | 12015 | 11826 | 11716 | 11627 | 11422 | 11253 | 11198 | 11147 | 11021 | 11126 | 11245 | 11385 | 11281 | 11387 | 12100 | 13075 | 13861 | 14483 | 15000 | 15285 | 15619 | 15794 | 15671 | 15443 | 15391 | 15555 | 15997 | 16079 | 16191 | 16197 | 16222 | 16186 | 15922 | 16314 | 14755 | 14439 | 14391 | 15185 | 15420 | 15495 | 15237 | 15039 | 14860 | 14670 | 14194 | 13975 |   |
| 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     |   |
| TIE-HVDC         |       | 31    | 31    | 31    | 31    | 30    | 30    | 30    | 31    | 31    | 31    | 31    | 30    | 31    | 31    | 31    | 30    | 31    | 31    | 31    | 31    | 30    | 31    | 31    | 30    | 31    | 31    | 30    | 31    | 31    | 30    | 30    | 30    | 30    | 30    | 31    | 31    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 31    | 31    |   |
| TIE-PLTG         |       | -72   | -58   | -95   | -71   | -72   | -45   | -36   | -30   | -69   | -51   | -67   | -76   | -83   | -66   | 16    | -9    | 20    | -60   | -86   | 6     | -16   | -13   | 5     | -8    | 40    | -25   | 51    | -47   | -72   | -32   | 1     | 5     | 48    | 1     | 120   | 1     | 59    | -1    | -38   | -69   | -64   | -77   | -29   | -85   | -38   | 38    | -54   | 1     |   |
| Interconnection  |       | -41   | -27   | -64   | -40   | -42   | -14   | -6    | 1     | -38   | -21   | -37   | -45   | -53   | -36   | 46    | 21    | 50    | -29   | -55   | 37    | 14    | 17    | 35    | 22    | 70    | 5     | 81    | -16   | -42   | -1    | 31    | 35    | 78    | 31    | 150   | 31    | 89    | 30    | -8    | -39   | -33   | -47   | 1     | -55   | -8    | 68    | -23   | 32    |   |
| Svstem Total     |       | 12896 | 12434 | 12079 | 11866 | 11758 | 11641 | 11428 | 11252 | 11236 | 11168 | 11058 | 11171 | 11298 | 11421 | 11235 | 11366 | 12050 | 13104 | 13916 | 14446 | 14986 | 15268 | 15584 | 15772 | 15601 | 15438 | 15310 | 15571 | 16039 | 16080 | 16160 | 16162 | 16144 | 16155 | 15772 | 15283 | 14666 | 14409 | 14399 | 15224 | 15453 | 15540 | 15236 | 15094 | 14868 | 14602 | 14217 | 13943 |   |
| SRev ST-Coal     |       | 39    | 55    | 109   | 198   | 237   | 276   | 195   | 294   | 274   | 290   | 290   | 282   | 279   | 275   | 314   | 339   | 23    | 14    | 23    | 23    | 28    | 35    | 30    | 31    | 28    | 34    | 28    | 3     | 40    | 66    | 63    | 62    | 61    | 52    | 54    | 60    | 36    | 29    | 26    | 25    | 34    | 30    | 28    | 4     | 31    | 23    | 20    | 36    |   |
| 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 |
| SRev CCGT-Gas    |       | 314   | 502   | 593   | 696   | 891   | 1076  | 1259  | 1299  | 1379  | 1413  | 1540  | 1446  | 1331  | 1206  | 1451  | 1369  | 1484  | 1287  | 603   | 573   | 482   | 442   | 253   | 400   | 469   | 300   | 356   | 233   | 253   | 361   | 439   | 392   | 396   | 392   | 593   | 514   | 578   | 683   | 702   | 420   | 266   | 207   | 410   | 290   | 336   | 137   | 346   | 231   |   |
| 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 |
| SRev Co-Gen      |       | 52    | 49    | 49    | 52    | 52    | 50    | 50    | 49    | 51    | 50    | 51    | 49    | 49    | 50    | 49    | 50    | 49    | 50    | 49    | 50    | 49    | 50    | 50    | 49    | 50    | 50    | 55    | 57    | 57    | 58    | 58    | 59    | 60    | 60    | 58    | 59    | 58    | 59    | 58    | 58    | 58    | 58    |       |       |       |       |       |       |   |