

**Availability At Daily Maximum Demand Hour**

|                     |               |           |
|---------------------|---------------|-----------|
| ST-Coal             | 2,070         | MW        |
| ST-Gas              | 0             | MW        |
| ST-Oil              | 140           | MW        |
| Gas                 | 3,535         | MW        |
| Hydro               | 1,772         | MW        |
| Distillate          | 430           | MW        |
| <b>Total TNB</b>    | <b>7,947</b>  | <b>MW</b> |
| <b>Total IPP</b>    | <b>10,759</b> | <b>MW</b> |
| <b>Total Co-Gen</b> | <b>60</b>     | <b>MW</b> |
| <b>System Total</b> | <b>18,766</b> | <b>MW</b> |

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

At Daily Maximum Demand Hour : 14:30

|                  |         |     |
|------------------|---------|-----|
| TNB Generation   | 6,409   | MW  |
| IPP Generation   | 8,561   | MW  |
| Total Set On Bus | 15,713  | MW  |
| Maximum Demand   | 15,101  | MW  |
| Spinning Reserve | 683     | MW  |
| Net Energy       | 311,798 | MWH |
| Load Factor      | 86.0    | %   |

**Maximum Demand Record**

|        |            |               |
|--------|------------|---------------|
| Date : | 20/06/2012 | 15,826.0 MW   |
| Date : | 20/06/2012 | 328,716.0 MWH |

**Hourly System MW Generation**

|              | 0000  | 0100  | 0200  | 0300  | 0400  | 0500  | 0600  | 0700  | 0800  | 0900  | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| System Total | 12359 | 11574 | 11283 | 10935 | 10661 | 10616 | 10866 | 11177 | 11726 | 13085 | 13915 | 14545 | 14526 | 14241 | 14825 | 14995 | 14974 | 14647 | 13593 | 13306 | 14304 | 14170 | 13672 | 13260 |

**Gas Usage**

| Station                      | (mmscfd)      |
|------------------------------|---------------|
| CBPS                         | 58            |
| GLGR                         | 58            |
| PAKA                         | 147           |
| PGPS                         | 12            |
| SRDG                         | 20            |
| TJGS                         | 91            |
| <b>TNB Total</b>             | <b>387</b>    |
| KLPP                         | 50            |
| MPSS                         | 55            |
| PGLA                         | 56            |
| PKLG                         | 2             |
| PLPS                         | 86            |
| SGB3                         | 57            |
| SGRI                         | 46            |
| SKSP                         | 54            |
| YPGS                         | 34            |
| YPKA                         | 134           |
| <b>IPP Total</b>             | <b>573</b>    |
| <b>Total Gas</b>             | <b>960</b>    |
| <b>Total Gas Required :</b>  | <b>1,241</b>  |
| <b>Gas Calorific Value :</b> | <b>38.500</b> |

**Alternate Fuel Usage**

| Station      | (mmscfd)   |
|--------------|------------|
| KLPP         | 42         |
| PDPS         | 8          |
| PGLA         | 19         |
| PGPS         | 30         |
| PKLG         | 90         |
| PLPS         | 19         |
| PTEK         | 4          |
| SGB3         | 23         |
| SGRI         | 28         |
| SRDG         | 9          |
| TJGS         | 7          |
| <b>Total</b> | <b>281</b> |

**Generation Mix**

| Type                    | MWh              | Percentage      |
|-------------------------|------------------|-----------------|
| ST-Coal                 | 49,672.00        | 15.93 %         |
| Gas                     | 47,899.00        | 15.36 %         |
| Hydro                   | 24,818.00        | 7.96 %          |
| Distillate              | 5,012.00         | 1.61 %          |
| <b>Total TNB</b>        | <b>127,401.0</b> | <b>40.86 %</b>  |
| ST-Coal                 | 79,172.0         | 25.39 %         |
| ST-Gas                  | 1,184.0          | 0.38 %          |
| ST-Oil                  | 8,826.0          | 2.83 %          |
| Gas                     | 74,841.0         | 24.00 %         |
| Distillate              | 17,891.0         | 5.74 %          |
| <b>Total IPP</b>        | <b>181,914.0</b> | <b>58.34 %</b>  |
| Co-Gen                  | 2,132.0          | 0.68 %          |
| <b>Total Co-Gen</b>     | <b>2,132.0</b>   | <b>0.68 %</b>   |
| <b>Total Generation</b> | <b>311,447.0</b> | <b>99.89 %</b>  |
| PLTG                    | -136.0           | -0.04 %         |
| HVDC                    | -215.0           | -0.07 %         |
| <b>Interconnection</b>  | <b>-351.0</b>    | <b>-0.11 %</b>  |
| <b>Net Energy</b>       | <b>311,798.0</b> | <b>100.00 %</b> |

**Average SR During Peak Hour**

| Type         | MW         |
|--------------|------------|
| GT           | 602        |
| Hydro        | 273        |
| Syncon       | 12         |
| Thermal      | 6          |
| <b>Total</b> | <b>893</b> |

**Weather Temperature**

| Weather   | Temperature |
|-----------|-------------|
| Morning   | Sunny 27    |
| Afternoon | Hot 32      |

| 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 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PKLG          | U003 | 284  | 283  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  | 282  |
| PKLG          | U004 | 250  | 250  | 250  | 88   | 70   | 62   | 48   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| PKLG          | U005 | 462  | 462  | 463  | 463  | 462  | 464  | 464  | 463  | 463  | 462  | 462  | 462  | 462  | 461  | 461  | 462  | 462  | 469  | 463  | 466  | 463  | 466  | 463  | 463  |
| PKLG          | U006 | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 462  | 467  | 468  | 468  | 468  | 467  | 467  | 467  | 467  | 467  | 467  | 467  |
| JM/G          | U001 | 688  | 690  | 690  | 691  | 689  | 690  | 689  | 688  | 691  | 690  | 691  | 689  | 689  | 690  | 688  | 691  | 689  | 689  | 688  | 691  | 690  | 689  | 692  | 690  |
| JM/G          | U002 | 690  | 690  | 691  | 690  | 692  | 683  | 690  | 690  | 688  | 689  | 690  | 690  | 688  | 691  | 685  | 686  | 688  | 688  | 688  | 687  | 690  | 689  | 686  | 690  |
| JM/G          | U003 | 689  | 686  | 692  | 689  | 689  | 689  | 691  | 690  | 690  | 691  | 688  | 691  | 685  | 690  | 691  | 688  | 688  | 687  | 690  | 690  | 689  | 686  | 690  | 690  |
| TBIN          | U002 | 697  | 697  | 697  | 698  | 699  | 694  | 697  | 695  | 674  | 670  | 671  | 670  | 670  | 682  | 697  | 699  | 696  | 697  | 698  | 695  | 693  | 699  | 695  | 698  |
| JMAH          | U001 | 701  | 701  | 707  | 701  | 701  | 698  | 701  | 701  | 669  | 669  | 674  | 668  | 676  | 681  | 705  | 714  | 706  | 704  | 704  | 701  | 701  | 703  | 703  | 703  |
| JMAH          | U002 | 704  | 703  | 703  | 711  | 701  | 702  | 701  | 703  | 673  | 674  | 674  | 674  | 674  | 682  | 701  | 701  | 706  | 700  | 705  | 705  | 705  | 705  | 706  | 706  |
| Total ST-Coal |      | 5627 | 5625 | 5637 | 5475 | 5447 | 5441 | 5439 | 5426 | 5290 | 5288 | 5296 | 5287 | 5293 | 5321 | 5379 | 5391 | 5384 | 5369 | 5367 | 5367 | 5372 | 5387 | 5377 | 5374 |
| PKLG          | U001 | 284  | 284  | 285  | 285  | 284  | 284  | 284  | 284  | 284  | 284  | 284  | 284  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 284  |
| PKLG          | U002 | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  | 139  |
| Total ST-Oil  |      | 423  | 423  | 424  | 424  | 423  | 423  | 423  | 423  | 422  | 424  | 424  | 423  | 423  | 423  | 423  | 423  | 423  | 423  | 424  | 424  | 424  | 424  | 424  | 424  |
| CBPS          | GT1A | 88   | 88   | 88   | 88   | 87   | 87   | 87   | 88   | 88   | 87   | 89   | 88   | 88   | 92   | 99   | 98   | 99   | 98   | 98   | 98   | 98   | 98   | 98   | 98   |
| CBPS          | GT1B | 90   | 90   | 90   | 91   | 90   | 89   | 90   | 89   | 89   | 90   | 89   | 90   | 90   | 93   | 101  | 101  | 100  | 101  | 100  | 101  | 100  | 100  | 98   | 97   |
| CBPS          | ST1C | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   | 98   |
| GLGR          | GT01 | 72   | 63   | 65   | 87   | 73   | 62   | 71   | 67   | 72   | 72   | 66   | 70   | 74   | 101  | 98   | 91   | 96   | 101  | 100  | 99   | 99   | 98   | 98   | 98   |
| GLGR          | GT02 | 81   | 72   | 76   | 97   | 79   | 70   | 77   | 74   | 77   | 78   | 70   | 74   | 82   | 110  | 106  | 98   | 103  | 110  | 110  | 110  | 110  | 109  | 108  | 108  |
| GLGR          | ST1C | 72   | 77   | 77   | 82   | 81   | 74   | 73   | 73   | 72   | 75   | 73   | 74   | 78   | 96   | 96   | 91   | 91   | 97   | 97   | 97   | 97   | 97   | 97   | 97   |
| KLPP          | GT11 | 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 | 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 | 0    | 0    | 47   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   |
| KLPP          | GT14 | 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          | GT15 | 114  | 115  | 113  | 113  | 115  | 113  | 73   | 72   | 73   | 73   | 73   | 72   | 73   | 72   | 73   | 72   | 73   | 72   | 73   | 111  | 112  | 141  | 113  | 113  |
| KLPP          | ST17 | 112  | 112  | 79   | 95   | 95   | 95   | 79   | 79   | 79   | 79   | 79   | 79   | 79   | 116  | 161  | 156  | 209  | 209  | 209  | 209  | 210  | 192  | 213  | 217  |
| MPSS          | GT01 | 108  | 108  | 81   | 62   | 62   | 65   | 63   | 63   | 66   | 65   | 64   | 66   | 64   | 65   | 64   | 63   | 73   | 102  | 109  | 108  | 107  | 107  | 106  | 106  |
| MPSS          | GT02 | 109  | 110  | 81   | 61   | 62   | 64   | 64   | 64   | 64   | 63   | 63   | 65   | 65   | 64   | 63   | 64   | 73   | 99   | 108  | 107  | 107  | 108  | 109  | 108  |
| MPSS          | ST01 | 109  | 109  | 81   | 52   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 54   | 87   | 104  | 104  | 105  | 105  | 105  | 105  | 105  | 104  | 104  |
| PAKA          | GT1A | 75   | 69   | 69   | 85   | 68   | 69   | 70   | 70   | 75   | 75   | 68   | 72   | 82   | 85   | 86   | 72   | 87   | 85   | 72   | 78   | 84   | 85   | 85   | 85   |
| PAKA          | GT1B | 72   | 70   | 69   | 80   | 68   | 67   | 70   | 67   | 74   | 72   | 68   | 69   | 80   | 90   | 90   | 72   | 91   | 90   | 70   | 75   | 85   | 91   | 90   | 91   |
| PAKA          | ST1C | 76   | 75   | 77   | 82   | 74   | 74   | 75   | 74   | 75   | 77   | 74   | 75   | 80   | 83   | 82   | 75   | 82   | 83   | 77   | 77   | 79   | 81   | 83   | 83   |
| PAKA          | GT2A | 63   | 64   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   |
| PAKA          | GT2B | 62   | 63   | 62   | 61   | 62   | 61   | 61   | 61   | 62   | 62   | 62   | 62   | 63   | 63   | 61   | 62   | 62   | 60   | 96   | 95   | 96   | 95   | 95   | 95   |
| PAKA          | ST2C | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 72   | 91   | 91   | 91   | 91   | 91   |
| PAKA          | GT3A | 69   | 67   | 67   | 77   | 66   | 65   | 69   | 66   | 68   | 69   | 66   | 65   | 76   | 89   | 87   | 69   | 88   | 87   | 67   | 74   | 69   | 82   | 88   | 88   |
| PAKA          | GT3B | 70   | 67   | 68   | 77   | 65   | 64   | 68   | 65   | 68   | 69   | 66   | 66   | 76   | 90   | 87   | 69   | 88   | 87   | 68   | 74   | 80   | 82   | 87   | 88   |
| PAKA          | ST3C | 81   | 80   | 81   | 88   | 79   | 78   | 79   | 78   | 79   | 81   | 79   | 80   | 85   | 91   | 89   | 79   | 89   | 91   | 83   | 81   | 82   | 87   | 90   | 91   |
| PGLA          | GT11 | 140  | 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 | 186  | 218  | 235  | 210  | 164  | 163  | 180  | 176  | 180  | 182  | 161  | 167  | 191  | 236  | 234  | 180  | 175  | 175  | 0    | 0    | 0    | 0    | 0    | 0    |
| PGLA          | ST10 | 97   | 112  | 112  | 112  | 91   | 93   | 95   | 93   | 94   | 97   | 93   | 94   | 99   | 114  | 111  | 95   | 94   | 110  | 189  | 227  | 225  | 225  | 225  | 224  |
| PGPS          | GT3B | 89   | 89   | 81   | 83   | 83   | 81   | 84   | 82   | 83   | 82   | 82   | 84   | 83   | 82   | 83   | 82   | 82   | 82   | 83   | 89   | 89   | 0    | 0    | 0    |
| PGPS          | ST3C | 85   | 85   | 37   | 37   | 37   | 36   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 37   | 36   | 66   | 80   | 86   | 88   | 88   | 0    | 0    | 0    | 0    |
| SGB3          | GT31 | 140  | 117  | 126  | 130  | 121  | 113  | 138  | 119  | 130  | 139  | 115  | 123  | 141  | 141  | 138  | 135  | 141  | 134  | 95   | 119  | 122  | 136  | 140  | 133  |
| SGB3          | GT32 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| SGB3          | GT33 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| SGB3          | ST34 | 76   | 68   | 67   | 71   | 68   | 68   | 72   | 71   | 72   | 75   | 67   | 73   | 74   | 74   | 76   | 80   | 160  | 206  | 215  | 222  | 226  | 222  | 226  | 194  |
| SGRI          | GT21 | 106  | 106  | 106  | 106  | 106  | 106  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  | 107  |
| SGRI          | GT23 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |



| 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         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |          |    |   |   |   |
|-------------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----|---|---|---|
| UPIA                    | HY02 | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            | 5            |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |          |    |   |   |   |
| <b>Total Hydro</b>      |      | <b>1039</b>  | <b>898</b>   | <b>770</b>   | <b>818</b>   | <b>677</b>   | <b>586</b>   | <b>595</b>   | <b>593</b>   | <b>595</b>   | <b>596</b>   | <b>592</b>   | <b>592</b>   | <b>598</b>   | <b>601</b>   | <b>591</b>   | <b>597</b>   | <b>739</b>   | <b>749</b>   | <b>1026</b>  | <b>1084</b>  | <b>1061</b>  | <b>1367</b>  | <b>1322</b>  | <b>1389</b>  | <b>1329</b>  | <b>1282</b>  | <b>1241</b>  | <b>1378</b>  | <b>1504</b>  | <b>1542</b>  | <b>1331</b>  | <b>1377</b>  | <b>1371</b>  | <b>1413</b>  | <b>1306</b>  | <b>1169</b>  | <b>1096</b>  | <b>827</b>   | <b>796</b>   | <b>1246</b>  | <b>1428</b>  | <b>1436</b>  | <b>1344</b>  | <b>1298</b>  | <b>1271</b>  | <b>1305</b>  | <b>1257</b>  | <b>1264</b>  |          |    |   |   |   |
| KLPP                    | GT13 | 132          | 116          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 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                    | GT14 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| PDPS                    | GT03 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| PDPS                    | GT04 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 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            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| PGPS                    | GT3A | 89           | 90           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  |   |   |   |
| PGPS                    | GT3B | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| PGPS                    | ST3C | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| PTEK                    | GT2B | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| SGB3                    | GT31 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| SGB3                    | GT33 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| SGRI                    | GT22 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 | 0 |   |
| SGRI                    | GT23 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| SRDG                    | GT03 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 |   |   |
| PLPS                    | GT13 | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 | 0 |   |
| TIGS                    | GT2B | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 | 0 |   |
| <b>Total Distillate</b> |      | <b>221</b>   | <b>206</b>   | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b> |    |   |   |   |
| PCUF                    | CUFG | 52           | 52           | 52           | 51           | 52           | 52           | 51           | 53           | 52           | 52           | 53           | 52           | 53           | 52           | 53           | 52           | 51           | 52           | 51           | 52           | 51           | 52           | 51           | 52           | 51           | 52           | 51           | 52           | 51           | 51           | 51           | 52           | 52           | 52           | 52           | 52           | 52           | 52           | 51           | 51           | 52           | 52           | 51           | 52           | 51           | 51           | 53           | 53           | 53       | 53 |   |   |   |
| PCUF                    | CUFK | 40           | 40           | 40           | 39           | 41           | 41           | 39           | 40           | 42           | 41           | 40           | 40           | 40           | 39           | 40           | 40           | 38           | 41           | 40           | 39           | 40           | 22           | 9            | 9            | 9            | 8            | 9            | 7            | 8            | 8            | 6            | 9            | 9            | 10           | 22           | 38           | 38           | 37           | 36           | 38           | 37           | 36           | 38           | 37           | 38           | 40           | 40           | 40           | 40       | 40 |   |   |   |
| <b>Total Co-Gen</b>     |      | <b>92</b>    | <b>92</b>    | <b>92</b>    | <b>90</b>    | <b>93</b>    | <b>93</b>    | <b>90</b>    | <b>93</b>    | <b>94</b>    | <b>93</b>    | <b>93</b>    | <b>93</b>    | <b>92</b>    | <b>93</b>    | <b>92</b>    | <b>93</b>    | <b>91</b>    | <b>92</b>    | <b>92</b>    | <b>89</b>    | <b>93</b>    | <b>92</b>    | <b>90</b>    | <b>92</b>    | <b>73</b>    | <b>60</b>    | <b>61</b>    | <b>61</b>    | <b>60</b>    | <b>61</b>    | <b>58</b>    | <b>60</b>    | <b>59</b>    | <b>57</b>    | <b>60</b>    | <b>61</b>    | <b>61</b>    | <b>62</b>    | <b>74</b>    | <b>90</b>    | <b>89</b>    | <b>88</b>    | <b>88</b>    | <b>90</b>    | <b>88</b>    | <b>89</b>    | <b>93</b>    |              |          |    |   |   |   |
| <b>Total Gen</b>        |      | <b>12330</b> | <b>11990</b> | <b>11583</b> | <b>11602</b> | <b>11200</b> | <b>10989</b> | <b>10880</b> | <b>10708</b> | <b>10638</b> | <b>10663</b> | <b>10558</b> | <b>10589</b> | <b>10769</b> | <b>11124</b> | <b>11144</b> | <b>11027</b> | <b>11722</b> | <b>12478</b> | <b>13135</b> | <b>13643</b> | <b>13926</b> | <b>14256</b> | <b>14481</b> | <b>14610</b> | <b>14528</b> | <b>14157</b> | <b>14225</b> | <b>14477</b> | <b>14738</b> | <b>15030</b> | <b>15026</b> | <b>15029</b> | <b>14997</b> | <b>14922</b> | <b>14636</b> | <b>14243</b> | <b>13587</b> | <b>13252</b> | <b>13271</b> | <b>14003</b> | <b>14309</b> | <b>14366</b> | <b>14121</b> | <b>14049</b> | <b>13718</b> | <b>13621</b> | <b>13270</b> | <b>12919</b> |          |    |   |   |   |
| 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        | 0  | 0 |   |   |
| TIE-HVDC                |      | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 0  | 0 | 0 | 0 |
| TIE-PLTG                |      | -29          | -57          | 9            | -36          | -83          | 83           | -55          | -17          | -23          | -50          | -58          | -44          | -97          | -71          | -33          | -84          | -4           | 43           | 50           | 47           | 11           | -56          | -64          | -27          | 2            | -51          | -16          | -39          | -87          | -71          | 31           | -72          | 23           | 14           | 18           | 108          | 23           | -66          | -6           | -16          | 34           | 57           | -21          | 38           | 75           | 53           | 38           | 42           |          |    |   |   |   |
| <b>Interconnection</b>  |      | <b>-29</b>   | <b>-57</b>   | <b>9</b>     | <b>-36</b>   | <b>-83</b>   | <b>83</b>    | <b>-55</b>   | <b>-17</b>   | <b>-23</b>   | <b>-50</b>   | <b>-58</b>   | <b>-44</b>   | <b>-97</b>   | <b>-71</b>   | <b>-33</b>   | <b>-84</b>   | <b>-4</b>    | <b>43</b>    | <b>50</b>    | <b>47</b>    | <b>11</b>    | <b>-56</b>   | <b>-64</b>   | <b>-27</b>   | <b>2</b>     | <b>-51</b>   | <b>-16</b>   | <b>-39</b>   | <b>-87</b>   | <b>-71</b>   | <b>31</b>    | <b>-72</b>   | <b>23</b>    | <b>14</b>    | <b>18</b>    | <b>108</b>   | <b>23</b>    | <b>-66</b>   | <b>-6</b>    | <b>-16</b>   | <b>34</b>    | <b>57</b>    | <b>-21</b>   | <b>38</b>    | <b>75</b>    | <b>53</b>    | <b>38</b>    | <b>42</b>    |          |    |   |   |   |
| <b>System Total</b>     |      | <b>12359</b> | <b>12047</b> | <b>11574</b> | <b>11638</b> | <b>11283</b> | <b>10906</b> | <b>10935</b> | <b>10725</b> | <b>10661</b> | <b>10713</b> | <b>10616</b> | <b>10633</b> | <b>10866</b> | <b>11195</b> | <b>11177</b> | <b>11111</b> | <b>11726</b> | <b>12435</b> | <b>13085</b> | <b>13596</b> | <b>13915</b> | <b>14312</b> | <b>14545</b> | <b>14665</b> | <b>14526</b> | <b>14208</b> | <b>14241</b> | <b>14516</b> | <b>14825</b> | <b>15101</b> | <b>14995</b> | <b>15092</b> | <b>14974</b> | <b>14908</b> | <b>14647</b> | <b>14164</b> | <b>13593</b> | <b>13347</b> | <b>13306</b> | <b>14048</b> | <b>14304</b> | <b>14338</b> | <b>14170</b> | <b>14039</b> | <b>13672</b> | <b>13597</b> | <b>13260</b> | <b>12905</b> |          |    |   |   |   |
| SRev ST-Coal            |      | -1           | 1            | -11          | 14           | 24           | 39           | 24           | 6            | 86           | 88           | 80           | 89           | 83           | 55           | -3           | -15          | -8           | 7            | 9            | 9            | 12           | -3           | 7            | 10           | 7            | 1            | 1            | 30           | 23           | 13           | 25           | 31           | 15           | 23           | 12           | 7            | -3           | 2            | -17          | 1            | -5           | 3            | 2            | -2           | 1            | 1            | 9            | -2           |          |    |   |   |   |
| SRev ST-Oil             |      | -2           | -2           | -3           | -3           | -2           | -2           | -2           | -2           | -1           | -1           | -3           | -3           | -2           | -2           | -2           | -2           | -2           | -2           | -2           | -2           | -2           | -3           | -3           | -3           | -3           | -3           | -3           | -3           | -3           | -3           | -4           | -3           | -5           | -2           | -2           | -3           | -3           | -3           | -2           | -2           | -4           | -4           | -2           | -2           | -4           | -4           | -6           | -1           |          |    |   |   |   |
| SRev CCGT-Gas           |      | 827          | 779          | 955          | 820          | 1055         | 1169         | 1282         | 1442         | 1378         | 1351         | 1462         | 1422         | 1253         | 928          | 957          | 1301         | 1332         | 860          | 846          | 624          | 497          | 528          | 429          | 495          | 485          | 685          | 441          | 421          | 477          | 326          | 331          | 358          | 437          | 575          | 607          | 610          | 798          | 881          | 849          | 666          | 585          | 533          | 583          | 579          | 569          | 537          | 765          |              |          |    |   |   |   |