TENAGA NASIONAL BERHAD

# Daily System Generation Summary On Sunday

**Date : 02-Dec-2012**

### Availability At Daily Maximum Demand Hour

| | | |
|---|---|---|
| ST-Coal | 2,070 | MW |
| ST-Gas | 0 | MW |
| ST-Oil | 140 | MW |
| Gas | 3,891 | MW |
| Hydro | 1,833 | MW |
| Distillate | 0 | MW |
| Total TNB | 7,934 | MW |
| Total IPP | 10,482 | MW |
| Total Co-Gen | 86 | MW |
| System Total | 18,502 | MW |

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

At Daily Maximum Demand Hour : 19:30

| | | |
|---|---|---|
| TNB Generation | 4,555 | MW |
| IPP Generation | 7,490 | MW |
| Total Set On Bus | 13,183 | MW |
| Maximum Demand | 12,230 | MW |
| Spinning Reserve | 1,052 | MW |
| Net Energy | 260,736 | MWH |
| Load Factor | 88.8 | % |

### 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 | 11440 | 10973 | 10521 | 10327 | 10001 | 9958 | 9785 | 9590 | 9292 | 9913 | 10560 | 10998 | 11259 | 11257 | 11382 | 11375 | 11265 | 11106 | 10856 | 11587 | 12077 | 12090 | 11800 | 11425 |

### *Gas Usage*

| Station | (mmscfd) |
|---|---|
| CBPS | 28 |
| GLGR | 64 |
| PGPS | 27 |
| TJGS | 210 |
| **TNB Total** | **329** |
| KLPP | 61 |
| MPSS | 59 |
| PGLA | 72 |
| PLPS | 104 |
| SGB3 | 47 |
| SKSP | 32 |
| YPGS | 34 |
| YPKA | 68 |
| **IPP Total** | **477** |
| **Total Gas** | **806** |

**Total Gas Required :** 806

**Gas Calorific Value :** 38.500

### *Generation Mix*

| Type | MWh | Percentage |
|---|---|---|
| ST-Coal | 48,789.00 | 18.71 % |
| Gas | 45,066.00 | 17.28 % |
| Hydro | 9,483.00 | 3.64 % |
| **Total TNB** | **103,338.0** | **39.63 %** |
| ST-Coal | 93,472.0 | 35.85 % |
| ST-Oil | 28.0 | 0.01 % |
| Gas | 61,308.0 | 23.51 % |
| **Total IPP** | **154,808.0** | **59.37 %** |
| Co-Gen | 2,041.0 | 0.78 % |
| **Total Co-Gen** | **2,041.0** | **0.78 %** |
| **Total Generation** | **260,187.0** | **99.79 %** |
| PLTG | 151.0 | 0.06 % |
| HVDC | -700.0 | -0.27 % |
| **Interconnection** | **-549.0** | **-0.21 %** |
| **Net Energy** | **260,736.0** | **100.00 %** |

### *Average SR During Peak Hour*

| Type | MW |
|---|---|
| GT | 245 |
| Hydro | 132 |
| Syncon | 566 |
| Thermal | 0 |
| Total | 943 |

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

*Prepared By : Ibrahim Bin Said*

*Checked By : Muhamad Izwan*

*Printed on : 03 December 2012 08:01:57*

**(Gurcharan Singh)**
**Pengurus Besar (Kawalan)**
**Bahagian Operasi Kawalan**

TENAGA NASIONAL BERHAD

# Daily MW Generation On Sunday

02-Dec-2012

| 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 | 283 | 284 | 282 | 285 | 284 | 283 | 289 | 278 | 282 | 281 | 282 | 281 | 283 | 282 | 284 | 285 | 285 | 288 | 285 | 287 | 288 | 292 | 287 | 286 | 282 | 287 | 288 | 286 | 284 | 282 | 280 | 284 | 282 | 281 | 281 | 283 | 284 | 282 | 283 | 283 | 290 | 282 | 284 | 281 | 285 | 283 | 281 | 283 |
| PKLG | U004 | 143 | 142 | 127 | 96 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PKLG | U005 | 453 | 450 | 450 | 451 | 455 | 454 | 451 | 452 | 455 | 454 | 453 | 451 | 454 | 455 | 459 | 452 | 452 | 452 | 452 | 455 | 439 | 453 | 450 | 457 | 454 | 455 | 455 | 457 | 454 | 452 | 452 | 453 | 453 | 452 | 449 | 453 | 453 | 453 | 456 | 453 | 453 | 454 | 454 | 454 | 451 | 455 | 452 | 454 |
| PKLG | U006 | 462 | 460 | 460 | 460 | 461 | 460 | 460 | 461 | 458 | 459 | 462 | 463 | 460 | 458 | 462 | 460 | 460 | 462 | 455 | 458 | 462 | 460 | 460 | 463 | 460 | 460 | 453 | 458 | 458 | 460 | 457 | 461 | 461 | 461 | 460 | 461 | 461 | 461 | 457 | 461 | 461 | 459 | 462 | 459 | 462 | 460 | 459 | 466 |
| JMJG | U001 | 688 | 690 | 689 | 686 | 690 | 657 | 670 | 651 | 648 | 647 | 647 | 651 | 648 | 657 | 648 | 647 | 656 | 648 | 649 | 647 | 658 | 681 | 691 | 689 | 686 | 689 | 686 | 687 | 689 | 691 | 690 | 689 | 691 | 697 | 690 | 691 | 688 | 690 | 689 | 693 | 691 | 687 | 691 | 689 | 689 | 696 | 690 | 691 |
| JMJG | U002 | 685 | 692 | 689 | 691 | 688 | 666 | 670 | 646 | 649 | 647 | 650 | 648 | 649 | 649 | 647 | 648 | 651 | 648 | 647 | 646 | 662 | 684 | 690 | 689 | 689 | 689 | 691 | 686 | 691 | 692 | 689 | 690 | 692 | 690 | 696 | 689 | 688 | 691 | 689 | 696 | 690 | 691 | 690 | 690 | 692 | 689 | 689 | 691 |
| JMJG | U003 | 689 | 690 | 689 | 691 | 687 | 665 | 670 | 648 | 654 | 652 | 650 | 647 | 647 | 650 | 648 | 650 | 650 | 654 | 654 | 651 | 659 | 677 | 691 | 687 | 689 | 690 | 691 | 690 | 687 | 687 | 689 | 690 | 692 | 694 | 693 | 691 | 690 | 691 | 690 | 691 | 689 | 688 | 689 | 691 | 690 | 690 | 690 | 690 |
| TBIN | U001 | 692 | 693 | 693 | 694 | 694 | 668 | 667 | 646 | 648 | 627 | 626 | 627 | 626 | 622 | 623 | 628 | 626 | 630 | 628 | 627 | 649 | 686 | 692 | 694 | 693 | 693 | 693 | 693 | 692 | 692 | 693 | 693 | 687 | 692 | 692 | 693 | 693 | 689 | 692 | 694 | 693 | 692 | 693 | 691 | 692 | 695 | 695 | 691 |
| TBIN | U003 | 696 | 696 | 697 | 695 | 696 | 674 | 669 | 649 | 651 | 630 | 633 | 629 | 627 | 630 | 627 | 633 | 632 | 632 | 632 | 631 | 652 | 692 | 697 | 697 | 695 | 695 | 700 | 695 | 695 | 696 | 697 | 696 | 696 | 696 | 695 | 697 | 697 | 695 | 693 | 698 | 695 | 695 | 697 | 697 | 695 | 696 | 695 | 697 |
| JMAH | U001 | 701 | 701 | 704 | 697 | 702 | 670 | 670 | 658 | 651 | 630 | 634 | 632 | 628 | 629 | 630 | 632 | 632 | 634 | 633 | 632 | 655 | 691 | 704 | 704 | 704 | 704 | 704 | 704 | 704 | 704 | 704 | 704 | 704 | 705 | 701 | 700 | 701 | 700 | 698 | 701 | 701 | 702 | 702 | 702 | 702 | 702 | 702 | 702 |
| JMAH | U002 | 702 | 703 | 703 | 702 | 704 | 675 | 675 | 654 | 652 | 631 | 630 | 635 | 630 | 636 | 630 | 631 | 636 | 637 | 630 | 636 | 651 | 690 | 702 | 702 | 705 | 699 | 704 | 700 | 703 | 697 | 703 | 701 | 706 | 701 | 696 | 706 | 700 | 699 | 703 | 703 | 703 | 703 | 703 | 705 | 702 | 702 | 702 | 702 |
| Total ST-Coal | | 6194 | 6201 | 6183 | 6148 | 6103 | 5872 | 5891 | 5743 | 5748 | 5658 | 5667 | 5664 | 5652 | 5668 | 5658 | 5666 | 5680 | 5685 | 5665 | 5670 | 5775 | 6006 | 6064 | 6068 | 6057 | 6061 | 6065 | 6056 | 6057 | 6053 | 6054 | 6061 | 6064 | 6069 | 6053 | 6064 | 6055 | 6051 | 6050 | 6073 | 6066 | 6053 | 6065 | 6059 | 6060 | 6068 | 6055 | 6067 |
| CBPS | GT1A | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | GT1B | 91 | 89 | 90 | 90 | 89 | 90 | 90 | 89 | 90 | 89 | 90 | 90 | 92 | 90 | 90 | 90 | 90 | 90 | 90 | 91 | 90 | 89 | 90 | 90 | 90 | 90 | 89 | 90 | 90 | 90 | 90 | 90 | 89 | 90 | 89 | 90 | 90 | 90 | 90 | 90 | 89 | 90 | 90 | 90 | 90 | 89 | 90 | 90 |
| CBPS | ST1C | 100 | 100 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| GLGR | GT01 | 108 | 107 | 107 | 107 | 106 | 108 | 107 | 108 | 108 | 107 | 107 | 107 | 106 | 108 | 106 | 107 | 109 | 107 | 108 | 107 | 107 | 105 | 105 | 104 | 103 | 103 | 104 | 104 | 103 | 102 | 103 | 103 | 103 | 103 | 103 | 104 | 104 | 103 | 105 | 105 | 106 | 107 | 107 | 107 | 108 | 108 | 107 | 107 |
| GLGR | GT02 | 110 | 109 | 109 | 109 | 109 | 108 | 109 | 109 | 109 | 108 | 108 | 108 | 108 | 109 | 109 | 110 | 110 | 109 | 110 | 110 | 110 | 108 | 107 | 109 | 106 | 107 | 105 | 106 | 105 | 105 | 106 | 106 | 106 | 104 | 106 | 105 | 105 | 106 | 107 | 108 | 109 | 109 | 109 | 108 | 110 | 109 | 108 | 110 |
| GLGR | ST1C | 99 | 97 | 99 | 98 | 98 | 98 | 98 | 95 | 98 | 98 | 99 | 98 | 99 | 99 | 98 | 98 | 98 | 98 | 99 | 100 | 100 | 99 | 98 | 98 | 97 | 99 | 98 | 98 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 98 | 97 | 98 | 98 | 98 | 99 | 99 | 99 | 99 | 100 | 99 | 100 | 99 |
| KLPP | GT13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 48 | 116 | 117 | 140 | 144 | 144 | 145 | 144 | 145 | 145 | 144 | 145 | 144 | 144 | 114 | 115 | 114 | 114 | 113 | 114 | 142 | 142 | 142 | 144 | 144 | 146 | 145 | 142 | 144 |
| KLPP | GT14 | 138 | 138 | 138 | 138 | 121 | 120 | 122 | 121 | 121 | 121 | 121 | 120 | 120 | 122 | 123 | 122 | 122 | 121 | 121 | 121 | 111 | 112 | 140 | 139 | 138 | 139 | 138 | 139 | 139 | 138 | 139 | 138 | 139 | 102 | 102 | 102 | 103 | 102 | 137 | 137 | 141 | 142 | 142 | 142 | 145 | 142 | 143 | 143 |
| KLPP | ST17 | 58 | 58 | 54 | 54 | 51 | 51 | 51 | 51 | 51 | 52 | 52 | 51 | 51 | 51 | 51 | 52 | 52 | 51 | 51 | 92 | 115 | 123 | 133 | 135 | 135 | 134 | 134 | 134 | 134 | 136 | 136 | 135 | 135 | 119 | 119 | 119 | 119 | 119 | 128 | 133 | 133 | 134 | 134 | 135 | 135 | 134 | 134 | 134 |
| MPSS | GT01 | 103 | 105 | 105 | 104 | 102 | 105 | 104 | 104 | 104 | 104 | 104 | 105 | 104 | 102 | 103 | 85 | 64 | 62 | 76 | 102 | 105 | 105 | 105 | 102 | 106 | 105 | 104 | 105 | 104 | 104 | 105 | 100 | 105 | 101 | 100 | 107 | 105 | 102 | 101 | 101 | 103 | 101 | 103 | 102 | 103 | 104 | 105 | 105 |
| MPSS | GT02 | 103 | 102 | 104 | 104 | 104 | 104 | 105 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 84 | 62 | 62 | 74 | 102 | 103 | 104 | 103 | 104 | 102 | 101 | 104 | 100 | 102 | 100 | 103 | 103 | 103 | 102 | 102 | 103 | 101 | 101 | 102 | 104 | 101 | 102 | 105 | 101 | 101 | 104 | 104 | 103 |
| MPSS | ST01 | 104 | 103 | 104 | 103 | 103 | 104 | 104 | 103 | 103 | 103 | 104 | 103 | 103 | 103 | 103 | 90 | 56 | 57 | 66 | 99 | 105 | 105 | 105 | 106 | 106 | 106 | 106 | 106 | 107 | 106 | 106 | 106 | 106 | 107 | 106 | 106 | 106 | 106 | 106 | 105 | 105 | 104 | 104 | 104 | 104 | 103 | 103 | 104 |
| PGLA | GT11 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 145 | 209 | 195 | 198 | 169 | 167 | 168 | 169 | 170 | 179 | 196 | 232 | 216 | 217 | 216 | 215 | 216 | 217 | 171 | 163 |
| PGLA | GT12 | 170 | 171 | 170 | 172 | 171 | 170 | 170 | 206 | 162 | 185 | 215 | 199 | 200 | 164 | 152 | 186 | 162 | 203 | 189 | 169 | 180 | 173 | 185 | 229 | 228 | 211 | 232 | 202 | 167 | 210 | 196 | 199 | 170 | 167 | 169 | 169 | 170 | 178 | 198 | 234 | 215 | 218 | 216 | 215 | 217 | 218 | 171 | 190 |
| PGLA | ST10 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 95 | 93 | 93 | 106 | 101 | 103 | 91 | 94 | 93 | 91 | 100 | 104 | 91 | 94 | 96 | 103 | 115 | 113 | 113 | 113 | 108 | 209 | 234 | 223 | 221 | 207 | 209 | 201 | 200 | 202 | 211 | 231 | 243 | 235 | 230 | 229 | 228 | 226 | 240 | 202 | 191 |
| PGPS | GT3B | 99 | 98 | 98 | 98 | 99 | 97 | 99 | 98 | 99 | 98 | 97 | 98 | 99 | 101 | 96 | 98 | 99 | 98 | 98 | 98 | 97 | 96 | 96 | 96 | 96 | 94 | 96 | 94 | 96 | 96 | 97 | 96 | 96 | 96 | 97 | 97 | 97 | 97 | 97 | 98 | 97 | 98 | 98 | 97 | 98 | 98 | 98 | 97 |
| PGPS | ST3C | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 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 | 28 | 80 | 138 | 137 | 120 | 122 | 128 | 124 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 80 | 125 | 126 | 132 | 130 | 150 | 107 | 110 | 78 |
| SGB3 | GT33 | 129 | 121 | 128 | 125 | 124 | 125 | 130 | 125 | 122 | 128 | 131 | 130 | 126 | 126 | 117 | 124 | 124 | 131 | 126 | 141 | 134 | 120 | 117 | 125 | 119 | 119 | 127 | 132 | 118 | 117 | 119 | 116 | 116 | 116 | 113 | 121 | 138 | 132 | 139 | 143 | 124 | 123 | 128 | 126 | 142 | 101 | 102 | 106 |
| SGB3 | ST34 | 72 | 69 | 69 | 70 | 70 | 69 | 69 | 71 | 71 | 68 | 68 | 68 | 72 | 69 | 69 | 67 | 67 | 69 | 69 | 72 | 72 | 69 | 68 | 72 | 68 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 66 | 74 | 114 | 150 | 156 | 209 | 208 | 212 | 212 | 176 | 132 | 132 | 129 |
| YPGS | GT12 | 131 | 129 | 128 | 127 | 129 | 128 | 127 | 128 | 130 | 131 | 131 | 127 | 130 | 128 | 125 | 128 | 129 | 129 | 128 | 128 | 127 | 127 | 126 | 126 | 126 | 125 | 127 | 126 | 127 | 126 | 127 | 126 | 126 | 125 | 126 | 126 | 128 | 125 | 121 | 121 | 120 | 119 | 119 | 118 | 120 | 122 | 119 | 120 |
| YPGS | ST10 | 69 | 69 | 69 | 69 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 67 | 67 | 68 | 68 | 68 | 68 | 67 | 69 | 68 | 68 | 69 | 69 | 68 | 68 | 69 | 69 | 68 | 68 | 68 | 68 | 69 | 69 | 68 | 68 | 68 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 66 | 67 |
| YPKA | BLK1 | 298 | 247 | 197 | 185 | 185 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 181 | 181 | 182 | 182 | 184 | 184 | 182 | 182 | 189 | 189 | 187 | 187 | 189 | 189 | 189 | 189 | 189 | 189 | 193 | 193 | 193 | 193 | 194 | 194 | 194 | 194 | 193 | 193 | 193 | 193 | 191 | 191 | 191 | 191 | 186 |
| YPKA | BLK2 | 292 | 244 | 196 | 185 | 185 | 181 | 181 | 182 | 182 | 184 | 184 | 183 | 183 | 180 | 180 | 181 | 181 | 182 | 182 | 181 | 181 | 188 | 188 | 187 | 187 | 188 | 188 | 189 | 189 | 189 | 189 | 193 | 193 | 193 | 193 | 194 | 194 | 193 | 193 | 192 | 192 | 193 | 193 | 191 | 191 | 191 | 191 | 185 |
| PLPS | GT11 | 113 | 116 | 130 | 113 | 115 | 117 | 116 | 114 | 114 | 66 | 64 | 66 | 41 | 105 | 105 | 66 | 65 | 106 | 105 | 106 | 123 | 117 | 138 | 138 | 137 | 128 | 138 | 136 | 136 | 130 | 119 | 121 | 115 | 115 | 114 | 115 | 114 | 124 | 115 | 137 | 130 | 127 | 126 | 126 | 127 | 0 | 0 | 0 |
| PLPS | GT12 | 119 | 119 | 132 | 118 | 118 | 117 | 119 | 119 | 119 | 69 | 68 | 69 | 108 | 109 | 107 | 70 | 69 | 108 | 109 | 110 | 124 | 120 | 142 | 144 | 141 | 131 | 144 | 143 | 139 | 133 | 122 | 124 | 119 | 118 | 118 | 119 | 118 | 128 | 119 | 144 | 133 | 130 | 128 | 129 | 131 | 147 | 146 | 146 |
| PLPS | GT13 | 111 | 113 | 124 | 111 | 112 | 111 | 113 | 111 | 111 | 63 | 63 | 64 | 106 | 106 | 107 | 63 | 63 | 107 | 106 | 107 | 117 | 113 | 136 | 137 | 135 | 125 | 135 | 134 | 130 | 125 | 115 | 117 | 110 | 111 | 111 | 109 | 110 | 121 | 112 | 138 | 126 | 123 | 123 | 123 | 123 | 140 | 140 | 140 |
| PLPS | ST18 | 200 | 200 | 208 | 198 | 198 | 202 | 199 | 199 | 197 | 150 | 144 | 145 | 159 | 194 | 193 | 148 | 146 | 192 | 195 | 195 | 203 | 203 | 212 | 214 | 212 | 209 | 213 | 206 | 209 | 210 | 202 | 203 | 199 | 200 | 200 | 199 | 199 | 206 | 202 | 213 | 209 | 208 | 206 | 204 | 206 | 170 | 149 | 146 |
| SKSP | BLK1 | 225 | 245 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 213 | 213 | 217 | 229 | 296 | 284 | 284 | 294 | 281 | 292 | 270 | 254 | 249 | 214 | 221 | 211 | 215 | 213 | 241 | 258 | 347 | 315 | 328 | 214 | 213 | 250 | 214 | 217 | 213 |
| TJGS | GT1A | 228 | 228 | 228 | 228 | 228 | 227 | 230 | 228 | 194 | 195 | 198 | 215 | 215 | 215 | 212 | 123 | 125 | 122 | 222 | 156 | 203 | 221 | 225 | 222 | 225 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 153 | 139 | 125 | 183 | 225 | 222 | 225 | 225 | 225 | 225 | 228 | 228 | 228 |
| TJGS | GT1B | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 186 | 187 | 187 | 205 | 205 | 205 | 205 | 116 | 116 | 116 | 213 | 147 | 195 | 219 | 219 | 219 | 222 | 217 | 217 | 217 | 217 | 217 | 217 | 217 | 217 | 217 | 217 | 147 | 131 | 115 | 176 | 218 | 218 | 218 | 222 | 218 | 222 | 222 | 222 | 222 |
| TJGS | ST1C | 257 | 257 | 257 | 257 | 257 | 257 | 257 | 257 | 222 | 222 | 222 | 236 | 236 | 236 | 236 | 168 | 168 | 168 | 223 | 204 | 212 | 246 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 253 | 222 | 184 | 167 | 194 | 252 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 |
| TJGS | GT2A | 221 | 220 | 220 | 220 | 165 | 165 | 164 | 165 | 165 | 164 | 164 | 184 | 183 | 184 | 180 | 164 | 164 | 164 | 189 | 218 | 217 | 216 | 216 | 217 | 217 | 216 | 216 | 215 | 216 | 216 | 217 | 216 | 216 | 217 | 217 | 215 | 184 | 163 | 216 | 215 | 215 | 217 | 218 | 219 | 220 | 219 | 221 | 220 |
| TJGS | GT2B | 215 | 216 | 216 | 216 | 161 | 162 | 162 | 161 | 162 | 160 | 162 | 181 | 181 | 179 | 175 | 161 | 161 | 160 | 184 | 216 | 215 | 215 | 216 | 216 | 213 | 213 | 213 | 213 | 212 | 214 | 214 | 214 | 214 | 214 | 214 | 214 | 180 | 160 | 214 | 214 | 216 | 216 | 215 | 214 | 217 | 216 | 216 | 216 |
| TJGS | ST2C | 259 | 259 | 259 | 259 | 223 | 225 | 225 | 225 | 225 | 226 | 226 | 237 | 236 | 237 | 237 | 227 | 226 | 227 | 229 | 260 | 260 | 260 | 261 | 261 | 261 | 261 | 260 | 261 | 261 | 260 | 260 | 259 | 259 | 260 | 260 | 259 | 237 | 227 | 261 | 261 | 261 | 261 | 261 | 261 | 260 | 260 | 261 | 260 |
| Total CCGT-Gas | | 4690 | 4489 | 4219 | 4063 | 3896 | 3898 | 3908 | 3932 | 3783 | 3616 | 3660 | 3735 | 3811 | 3854 | 3814 | 3360 | 3258 | 3480 | 3879 | 4122 | 4369 | 4429 | 4602 | 4743 | 4709 | 4651 | 4727 | 4766 | 4879 | 4967 | 4885 | 4884 | 4760 | 4679 | 4662 | 4508 | 4405 | 4477 | 4961 | 5470 | 5428 | 5440 | 5349 | 5321 | 5260 | 4980 | 4833 | 4786 |

TENAGA NASIONAL BERHAD

# Daily MW Generation On Sunday

02-Dec-2012

| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BSIA | HY01 | 11 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| CEND | HY01 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| CEND | HY02 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| CEND | HY03 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| CEND | HY04 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| KNRG | HY01 | 38 | 37 | 38 | 37 | 37 | 38 | 38 | 37 | 37 | 38 | 39 | 39 | 39 | 38 | 36 | 38 | 37 | 38 | 38 | 36 | 37 | 38 | 37 | 37 | 36 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 36 | 38 | 36 | 37 | 37 | 38 | 36 | 38 | 37 | 37 | 37 | 37 | 36 | 36 | 37 | 35 |
| KNRG | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| KNYR | 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 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| KNYR | HY04 | 65 | 56 | 65 | 59 | 60 | 62 | 65 | 60 | 57 | 65 | 91 | 74 | 72 | 65 | 51 | 66 | 56 | 92 | 68 | 62 | 66 | 66 | 61 | 62 | 58 | 61 | 63 | 77 | 61 | 59 | 60 | 61 | 60 | 63 | 56 | 65 | 62 | 67 | 58 | 65 | 59 | 61 | 61 | 61 | 59 | 59 | 57 | 52 |
| LPIA | HY01 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 26 | 26 | 25 |
| MNOR | HY01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU | HY01 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 22 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 19 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY02 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 22 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 19 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY03 | -1 | 20 | -1 | -1 | -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 | 20 | -1 | -1 | -1 | -1 | -1 | -1 |
| SIHY | HY01 | 50 | 49 | 50 | 50 | 50 | 49 | 50 | 50 | 49 | 49 | 49 | 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 | 50 | 50 | 49 | 49 | 49 | 49 | 30 | 30 | 30 | 30 |
| SIHY | HY02 | 50 | 50 | 50 | 49 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 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 | 50 | 50 | 50 | 50 | 50 | 50 | 30 | 30 | 30 | 30 |
| SIHY | HY03 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 49 | 50 | 50 | 50 | 49 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 50 | 50 | 50 | 50 | 50 | 0 | 0 | 0 | 0 |
| SYPS | HY01 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| SYPS | HY02 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| SYPS | HY03 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| SYPS | HY04 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| TMGR | 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 | -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 | HY02 | 39 | 29 | 38 | 33 | 33 | 35 | 35 | 34 | 31 | 37 | 40 | 38 | 37 | 35 | 24 | 39 | 30 | 40 | 40 | 34 | 38 | 40 | 34 | 34 | 31 | 34 | 36 | 35 | 34 | 32 | 32 | 34 | 33 | 36 | 29 | 36 | 33 | 40 | 33 | 38 | 34 | 34 | 35 | 34 | 34 | 33 | 31 | 27 |
| TMGR | HY04 | -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 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| UPIA | HY01 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total Hydro | | 465 | 465 | 465 | 451 | 453 | 457 | 461 | 453 | 447 | 485 | 493 | 397 | 296 | 211 | 184 | 216 | 196 | 280 | 255 | 241 | 250 | 276 | 241 | 393 | 388 | 395 | 338 | 350 | 353 | 329 | 330 | 351 | 348 | 377 | 341 | 358 | 353 | 366 | 469 | 502 | 489 | 512 | 492 | 491 | 398 | 398 | 395 | 383 |
| PCUF | CUFG | 21 | 22 | 21 | 22 | 22 | 22 | 22 | 21 | 32 | 43 | 50 | 55 | 52 | 51 | 53 | 54 | 53 | 53 | 52 | 52 | 51 | 51 | 36 | 52 | 52 | 51 | 53 | 51 | 51 | 50 | 53 | 51 | 51 | 52 | 52 | 51 | 50 | 52 | 51 | 51 | 51 | 52 | 52 | 52 | 51 | 51 | 51 | 52 |
| PCUF | CUFK | 32 | 33 | 34 | 32 | 33 | 33 | 32 | 34 | 34 | 34 | 32 | 33 | 33 | 34 | 34 | 35 | 34 | 34 | 35 | 32 | 30 | 30 | 30 | 27 | 27 | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 27 | 28 | 32 | 33 | 32 | 37 | 36 | 35 | 38 | 37 | 37 | 38 | 34 | 33 | 34 | 34 |
| Total Co-Gen | | 53 | 55 | 55 | 54 | 55 | 55 | 54 | 55 | 66 | 77 | 82 | 88 | 85 | 85 | 87 | 89 | 87 | 87 | 87 | 84 | 81 | 81 | 66 | 79 | 79 | 78 | 80 | 78 | 78 | 78 | 81 | 79 | 78 | 80 | 84 | 84 | 82 | 89 | 87 | 86 | 89 | 89 | 89 | 90 | 85 | 84 | 85 | 86 |
| Total Gen | | 11402 | 11210 | 10922 | 10716 | 10507 | 10282 | 10314 | 10183 | 10044 | 9836 | 9902 | 9884 | 9844 | 9818 | 9743 | 9331 | 9221 | 9532 | 9886 | 10117 | 10475 | 10792 | 10973 | 11283 | 11233 | 11185 | 11210 | 11250 | 11367 | 11427 | 11350 | 11375 | 11250 | 11205 | 11140 | 11014 | 10895 | 10983 | 11567 | 12131 | 12072 | 12094 | 11995 | 11961 | 11803 | 11530 | 11368 | 11322 |
| 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 | | -29 | -29 | -29 | -29 | -29 | -30 | -30 | -29 | -29 | -29 | -29 | -29 | -29 | -29 | -29 | -29 | -29 | -28 | -28 | -30 | -30 | -28 | -28 | -29 | -29 | -30 | -30 | -29 | -29 | -29 | -28 | -30 | -31 | -28 | -30 | -30 | -28 | -31 | -28 | -30 | -30 | -27 | -30 | -30 | -30 | -29 | -29 | -30 |
| TIE-PLTG | | -9 | 70 | -22 | 11 | 15 | -22 | 17 | 23 | 72 | -7 | -27 | 10 | 88 | -54 | 182 | 24 | -42 | -86 | 1 | -47 | -55 | -42 | 3 | 29 | 3 | 18 | -17 | 12 | 14 | 70 | 3 | -2 | 16 | -13 | 64 | 121 | 67 | 28 | 8 | -69 | 25 | -13 | -65 | 5 | 33 | 18 | -28 | 43 |
| Interconnection | | -38 | 41 | -51 | -18 | -14 | -52 | -13 | -6 | 43 | -36 | -56 | -19 | 59 | -83 | 153 | -5 | -71 | -114 | -27 | -77 | -85 | -70 | -25 | 0 | -26 | -12 | -47 | -17 | -15 | 41 | -25 | -32 | -15 | -41 | 34 | 91 | 39 | -3 | -20 | -99 | -5 | -40 | -95 | -25 | 3 | -11 | -57 | 13 |
| System Total | | 11440 | 11169 | 10973 | 10734 | 10521 | 10334 | 10327 | 10189 | 10001 | 9872 | 9958 | 9903 | 9785 | 9901 | 9590 | 9336 | 9292 | 9646 | 9913 | 10194 | 10560 | 10862 | 10998 | 11283 | 11259 | 11197 | 11257 | 11267 | 11382 | 11386 | 11375 | 11407 | 11265 | 11246 | 11106 | 10923 | 10856 | 10986 | 11587 | 12230 | 12077 | 12134 | 12090 | 11986 | 11800 | 11541 | 11425 | 11309 |
| SRev ST-Coal | | 35 | 27 | 30 | 34 | 25 | 188 | 169 | 317 | 312 | 402 | 393 | 396 | 406 | 391 | 402 | 394 | 380 | 375 | 395 | 390 | 285 | 54 | -4 | -8 | 3 | -1 | -5 | 4 | 3 | 7 | 6 | -1 | -4 | -9 | 7 | -4 | 5 | 9 | 10 | -13 | -6 | 7 | -5 | 1 | 0 | -8 | 5 | -7 |
| SRev ST-Oil | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SRev CCGT-Gas | | 745 | 486 | 706 | 512 | 679 | 457 | 447 | 423 | 572 | 739 | 695 | 620 | 544 | 501 | 541 | 995 | 1097 | 875 | 1046 | 723 | 556 | 496 | 323 | 182 | 216 | 274 | 198 | 389 | 406 | 318 | 400 | 401 | 525 | 606 | 623 | 777 | 1020 | 948 | 684 | 245 | 287 | 275 | 366 | 394 | 245 | 315 | 462 | 509 |
| 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 |
| SRev Co-Gen | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syncon | | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 575 | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 | 575 | 726 | 726 | 726 | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 |
| Hydro | | 93 | 244 | 93 | 107 | 105 | 101 | 97 | 105 | 111 | 224 | 65 | 212 | 87 | 97 | 124 | 92 | 112 | 66 | 91 | 105 | 96 | 221 | 105 | 203 | 208 | 201 | 158 | 146 | 294 | 167 | 166 | 145 | 148 | 270 | 155 | 138 | 143 | 130 | 127 | 94 | 107 | 235 | 104 | 105 | 148 | 148 | 151 | 163 |
| S.Reserve Total | | 1599 | 1332 | 1555 | 1379 | 1535 | 1472 | 1439 | 1571 | 1721 | 1940 | 1879 | 1803 | 1763 | 1715 | 1793 | 2207 | 2315 | 2042 | 2258 | 1944 | 1663 | 1346 | 1150 | 1103 | 1153 | 1200 | 1077 | 1265 | 1278 | 1218 | 1298 | 1271 | 1395 | 1442 | 1511 | 1637 | 1894 | 1813 | 1547 | 1052 | 1114 | 1092 | 1191 | 1226 | 1119 | 1181 | 1344 | 1391 |