TENAGA NASIONAL BERHAD

# Daily System Generation Summary On Sunday

**Date : 12-Aug-2012**

### Availability At Daily Maximum Demand Hour

| | | |
|---|---|---|
| ST-Coal | 1,380 | MW |
| ST-Gas | 0 | MW |
| ST-Oil | 150 | MW |
| Gas | 4,276 | MW |
| Hydro | 1,829 | MW |
| Distillate | 0 | MW |
| Total TNB | 7,635 | MW |
| Total IPP | 10,962 | MW |
| Total Co-Gen | 80 | MW |
| System Total | 19,237 | MW |

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

At Daily Maximum Demand Hour : 21:30

| | | |
|---|---|---|
| TNB Generation | 4,444 | MW |
| IPP Generation | 8,507 | MW |
| Total Set On Bus | 13,963 | MW |
| Maximum Demand | 13,124 | MW |
| Spinning Reserve | 932 | MW |
| Net Energy | 282,240 | MWH |
| Load Factor | 89.6 | % |

### 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 | 13102 | 12482 | 11876 | 11672 | 11286 | 11343 | 11039 | 10602 | 9979 | 10462 | 11141 | 11640 | 11766 | 11799 | 12064 | 12087 | 11939 | 11614 | 11567 | 12038 | 12486 | 12998 | 13052 | 12856 |

### *Gas Usage*

| Station | (mmscfd) |
|---|---|
| CBPS | 28 |
| GLGR | 56 |
| PGPS | 27 |
| SRDG | 3 |
| TJGS | 213 |
| **TNB Total** | **327** |
| KLPP | 100 |
| MPSS | 56 |
| PGLA | 109 |
| PLPS | 100 |
| SGB3 | 45 |
| SKSP | 49 |
| YPGS | 30 |
| YPKA | 94 |
| **IPP Total** | **585** |
| **Total Gas** | **912** |

**Total Gas Required :** 912

**Gas Calorific Value :** 38.500

### *Generation Mix*

| Type | MWh | Percentage |
|---|---|---|
| ST-Coal | 32,939.00 | 11.67 % |
| Gas | 44,864.00 | 15.90 % |
| Hydro | 7,848.00 | 2.78 % |
| **Total TNB** | **85,651.0** | **30.35 %** |
| ST-Coal | 117,053.0 | 41.47 % |
| Gas | 76,634.0 | 27.15 % |
| **Total IPP** | **193,687.0** | **68.62 %** |
| Co-Gen | 1,957.0 | 0.69 % |
| **Total Co-Gen** | **1,957.0** | **0.69 %** |
| **Total Generation** | **281,295.0** | **99.67 %** |
| PLTG | -240.0 | -0.09 % |
| HVDC | -705.0 | -0.25 % |
| **Interconnection** | **-945.0** | **-0.33 %** |
| **Net Energy** | **282,240.0** | **100.00 %** |

### *Average SR During Peak Hour*

| Type | MW |
|---|---|
| GT | 294 |
| Hydro | 102 |
| Syncon | 503 |
| Thermal | 30 |
| Total | 928 |

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

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

*Prepared By : Ibrahim Bin Said* *Checked By : Muhamad Izwan* *Printed on : 13 August 2012 07:54:02*

TENAGA NASIONAL BERHAD

# Daily MW Generation On Sunday

12-Aug-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 | 281 279 278 282 277 281 279 279 278 278 278 278 277 278 278 278 267 262 279 277 277 278 277 278 277 278 284 278 277 276 277 277 277 278 278 278 278 277 277 277 276 278 276 278 277 275 276 276 |
| PKLG | U004 | 267 264 266 266 265 265 265 265 263 263 266 266 266 266 266 266 262 251 264 264 266 266 264 267 266 266 266 266 265 265 266 268 264 264 265 265 266 266 265 265 265 263 261 264 266 266 265 265 |
| PKLG | U005 | 461 461 460 464 463 462 463 463 461 464 462 458 463 463 463 466 461 462 462 461 462 462 462 461 463 465 461 462 463 463 463 463 463 463 463 460 462 465 460 463 463 463 462 465 460 460 462 461 |
| PKLG | U006 | 461 458 464 461 462 462 462 462 462 462 462 462 463 463 462 458 462 462 462 462 461 461 462 462 463 463 461 464 462 462 462 463 460 461 461 383 290 296 264 260 270 266 269 269 269 269 269 |
| JMJG | U001 | 689 689 688 691 687 690 692 689 689 690 691 693 691 690 690 665 622 629 670 693 690 693 693 688 691 689 690 689 689 687 690 689 689 688 691 689 690 696 688 692 691 690 690 689 690 690 686 689 |
| JMJG | U002 | 691 685 688 693 691 691 691 689 688 694 692 689 691 688 689 651 632 627 667 686 689 688 692 689 690 691 690 690 692 691 691 691 689 689 689 689 690 691 689 686 689 693 691 686 689 685 691 692 |
| TBIN | U001 | 696 695 696 696 697 694 691 696 692 696 695 696 695 693 693 646 628 629 668 690 692 692 690 694 690 690 692 695 692 693 693 691 694 696 693 693 691 693 695 694 690 692 694 693 693 693 693 694 |
| TBIN | U002 | 694 696 697 696 695 696 694 696 694 693 696 697 694 696 693 656 630 632 672 695 695 693 693 702 694 694 696 695 695 696 695 697 697 697 694 698 697 696 698 698 698 697 696 698 696 697 698 694 |
| TBIN | U003 | 695 695 701 697 696 695 696 697 695 695 696 696 695 696 696 662 631 632 671 695 694 699 691 700 693 688 694 694 696 694 692 695 692 696 690 693 693 693 693 696 696 697 700 696 696 697 696 692 |
| JMAH | U001 | 701 701 700 705 700 703 702 703 703 702 702 701 707 707 699 667 633 633 674 702 699 699 699 699 698 696 698 701 697 708 691 703 703 703 702 700 700 702 697 703 703 700 703 705 705 706 700 699 |
| JMAH | U002 | 704 701 714 699 705 700 705 701 701 700 701 701 701 701 686 670 634 634 673 705 707 699 699 701 701 701 701 701 701 701 701 701 708 702 702 703 700 700 700 700 700 700 706 707 701 701 701 |
| Total ST-Coal | | 6340 6324 6352 6350 6338 6339 6340 6340 6326 6337 6341 6337 6343 6341 6315 6085 5862 5853 6162 6330 6332 6330 6322 6341 6326 6321 6333 6335 6329 6336 6321 6337 6332 6342 6328 6328 6253 6169 6158 6138 6131 6143 6139 6149 6148 6139 6137 6132 |
| CBPS | GT1A | 28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 | 89 90 90 89 89 89 89 90 90 90 91 89 90 90 91 90 89 91 90 90 90 90 90 90 90 91 90 90 90 90 90 90 90 89 90 90 90 90 90 90 90 98 98 98 98 98 98 97 |
| CBPS | ST1C | 100 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 50 50 50 50 50 50 |
| GLGR | GT01 | 102 103 102 103 103 103 103 92 64 66 66 65 64 64 64 65 63 66 66 64 64 63 64 66 64 102 101 101 100 101 100 101 101 100 101 100 101 101 102 102 102 101 102 102 102 102 103 103 |
| GLGR | GT02 | 106 106 106 106 106 107 105 92 66 68 67 67 66 67 68 67 67 67 68 67 67 67 67 67 66 106 104 105 104 105 105 105 104 104 106 106 105 107 106 106 106 106 106 106 107 106 106 105 |
| GLGR | ST1C | 98 98 99 98 98 98 98 93 70 68 69 68 68 68 68 68 69 68 68 69 69 68 68 68 68 97 98 97 97 97 97 97 97 97 97 97 98 98 98 98 98 98 98 99 98 98 98 98 |
| KLPP | GT13 | 146 146 145 147 146 105 66 65 65 104 105 105 105 105 106 53 66 66 66 65 65 95 119 119 142 144 128 125 145 145 143 143 132 126 112 65 94 110 134 134 142 144 143 144 145 144 145 144 |
| KLPP | GT14 | 140 141 141 140 141 107 74 66 65 102 102 102 102 102 102 65 65 65 65 65 65 67 116 114 138 139 122 121 140 139 140 139 128 119 108 104 103 105 130 131 133 135 140 141 140 140 140 141 |
| KLPP | GT15 | 148 144 142 145 143 108 68 68 67 108 108 109 108 108 107 53 67 67 67 66 67 98 122 121 144 145 129 130 146 147 145 147 136 129 116 109 109 113 138 137 139 141 142 142 143 147 148 148 |
| KLPP | ST17 | 208 208 205 205 205 185 160 136 134 180 180 180 183 183 183 136 132 136 135 135 137 160 192 192 204 204 196 196 209 209 207 207 201 196 185 168 167 184 196 201 200 200 204 204 204 209 207 207 |
| MPSS | GT01 | 104 104 105 105 103 102 102 105 105 104 105 104 105 106 69 61 60 59 77 82 99 105 104 103 103 104 102 102 101 103 103 104 104 104 104 80 81 82 81 83 83 83 82 82 84 99 104 106 |
| MPSS | GT02 | 102 103 105 103 104 102 103 104 104 104 105 103 104 104 67 60 60 59 75 82 95 102 102 103 103 101 103 103 102 106 102 103 104 104 102 80 80 83 81 83 83 83 83 83 82 100 106 105 |
| MPSS | ST01 | 111 111 111 110 111 111 111 110 110 110 110 109 110 110 74 56 56 57 71 81 97 112 112 112 112 112 112 112 112 114 113 112 112 112 112 88 83 83 82 82 82 82 81 81 81 93 109 110 |
| PGLA | GT11 | 242 218 194 189 175 195 210 221 221 192 188 178 177 174 160 160 167 190 180 185 207 236 234 236 237 237 238 236 235 236 237 237 236 221 188 171 177 207 236 237 239 240 242 242 243 245 244 243 |
| PGLA | GT12 | 239 217 193 190 173 194 211 220 221 193 188 181 174 173 160 153 168 190 179 186 206 235 233 232 235 234 236 235 234 236 235 236 236 223 188 171 180 208 236 240 237 236 239 239 243 240 242 241 |
| PGLA | ST10 | 254 244 218 219 207 218 215 235 238 209 214 200 209 205 198 195 200 216 201 219 228 248 253 252 252 251 254 254 254 253 253 253 252 245 221 203 205 226 251 252 252 254 254 255 255 255 255 255 |
| PGPS | GT3A | 75 75 77 76 75 75 77 76 75 75 75 75 75 75 72 71 75 75 75 75 75 75 73 78 75 75 75 76 75 75 75 75 75 75 74 75 75 75 75 75 75 77 75 85 86 86 86 86 |
| 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 59 59 89 89 96 96 96 96 97 |
| PGPS | ST3C | 35 34 35 34 35 34 36 35 35 34 34 34 34 34 33 31 34 34 34 35 34 35 35 35 35 35 35 36 36 36 36 36 35 34 34 34 34 34 34 34 34 34 58 86 88 88 88 88 |
| SGB3 | GT31 | 137 128 139 129 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 57 138 135 138 138 122 128 125 104 |
| SGB3 | GT32 | 146 131 57 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 | 139 127 140 133 135 137 136 137 137 138 137 137 109 110 97 95 110 114 108 114 110 110 112 135 132 116 119 134 134 120 134 127 129 114 113 114 136 127 120 140 93 140 141 141 124 130 127 105 |
| SGB3 | ST34 | 223 215 207 147 73 73 73 72 72 73 73 73 65 64 60 60 64 65 65 66 62 65 69 74 70 70 68 71 72 68 71 67 70 66 67 67 71 71 68 76 135 151 151 151 138 150 146 134 |
| YPGS | GT11 | 126 112 115 111 111 111 125 118 114 111 110 110 109 109 108 104 110 110 110 115 111 112 113 123 111 114 112 114 110 110 112 112 112 117 110 113 114 113 115 115 114 118 114 119 112 110 111 111 |
| YPGS | ST10 | 68 64 65 63 64 64 69 65 64 64 63 63 63 63 63 61 65 63 64 66 64 64 64 66 64 64 66 66 65 65 64 64 64 64 64 64 66 64 64 65 64 66 65 65 63 63 63 63 |
| YPKA | BLK1 | 358 336 262 262 260 260 260 260 261 261 261 261 261 261 261 261 261 261 261 261 259 259 259 259 245 257 248 248 257 257 255 258 242 255 262 262 261 261 258 258 257 257 259 259 259 259 257 257 |
| YPKA | BLK2 | 354 330 267 267 265 265 264 264 266 266 266 266 266 266 266 266 266 266 266 266 264 264 264 264 249 261 253 253 261 261 261 263 249 261 267 267 266 266 261 261 262 262 263 263 263 263 261 261 |
| PLPS | GT11 | 141 141 141 141 141 110 110 110 70 70 70 70 70 70 70 70 70 70 70 70 70 70 141 110 110 110 110 110 140 140 140 140 100 110 100 80 80 140 140 140 140 140 140 140 140 140 140 140 140 |
| PLPS | GT12 | 142 142 142 142 142 110 110 110 70 70 70 70 70 70 70 70 70 70 70 70 70 70 140 110 110 110 110 110 140 140 140 140 140 110 100 80 80 140 140 140 140 140 140 140 140 140 140 140 140 |
| PLPS | GT13 | 149 149 149 149 149 110 110 110 70 70 70 70 70 70 70 70 70 70 70 70 70 70 140 110 110 110 110 110 140 140 140 140 140 110 100 90 90 140 140 140 140 140 140 140 140 140 140 140 140 |
| PLPS | ST18 | 214 214 214 214 214 180 180 180 140 140 140 140 140 140 140 140 140 140 140 140 140 140 220 200 200 200 200 200 220 220 220 220 220 220 200 200 200 230 230 230 230 230 230 230 230 230 230 230 |
| SKSP | BLK1 | 337 338 335 337 339 338 213 214 214 215 204 217 212 215 217 215 214 210 212 216 217 213 213 214 210 210 210 211 256 244 292 259 276 209 213 255 297 261 243 223 260 300 334 334 335 332 334 327 |
| TJGS | GT1A | 222 222 222 225 225 225 225 225 225 225 225 225 177 158 158 140 140 140 140 183 225 222 222 222 218 222 222 222 222 222 222 222 222 222 222 222 222 222 222 222 222 222 222 222 222 225 225 225 225 |
| TJGS | GT1B | 217 217 217 217 217 217 217 220 220 221 218 218 172 151 151 134 134 131 131 174 219 216 216 216 216 215 215 215 215 219 219 219 219 219 219 219 219 217 220 220 220 220 220 220 220 220 220 220 |
| TJGS | ST1C | 255 255 255 255 255 255 255 255 255 255 255 255 223 195 195 183 183 183 183 198 251 251 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 254 |
| TJGS | GT2A | 206 205 205 203 189 206 206 206 207 200 204 194 187 185 185 186 162 163 162 182 205 204 205 203 203 204 203 203 204 203 203 203 203 205 204 204 204 204 204 204 204 204 205 205 206 207 206 206 |
| TJGS | GT2B | 217 203 205 202 188 199 218 218 204 200 202 193 185 182 183 183 159 159 159 181 217 214 214 212 215 215 213 213 213 213 213 213 215 215 215 215 215 215 215 215 215 215 217 217 217 217 217 217 |
| TJGS | ST2C | 262 257 262 254 242 258 260 261 262 252 257 246 247 244 242 242 229 228 229 231 262 262 262 261 262 262 262 261 262 262 261 261 261 262 261 261 261 262 262 261 262 262 262 262 262 263 262 |

**TENAGA NASIONAL BERHAD**

# *Daily MW Generation On Sunday*

***12-Aug-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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total CCGT-Gas | | 6240 | 5968 | 5707 | 5550 | 5263 | 5091 | 4899 | 4873 | 4621 | 4678 | 4672 | 4617 | 4440 | 4361 | 4198 | 3904 | 3925 | 3989 | 3997 | 4209 | 4521 | 4702 | 5132 | 5061 | 5087 |
| SRDG | 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 |
| Total 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 |
| BSIA | HY02 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| CEND | HY01 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 |
| CEND | HY02 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| CEND | HY03 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 6 | 7 | 6 | 7 | 7 | 7 |
| KNRG | HY01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 31 | 35 | 36 | 35 | 36 | 34 | 35 | 33 | 36 |
| KNRG | HY02 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KNYR | 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 |
| KNYR | HY02 | 100 | 58 | 100 | 100 | 61 | 100 | 100 | 100 | 88 | 70 | 71 | 58 | 60 | 60 | 49 | 43 | 65 | 100 | 59 | 100 | 70 | 92 | 54 | 100 |
| KNYR | HY03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KNYR | HY04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LPIA | HY01 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 18 | 22 | 22 | 20 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| MNOR | HY01 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 1 | 1 | 1 | 1 |
| PGAU | HY01 | -1 | -1 | -1 | -1 | -1 | -1 | 98 | -1 | -1 | -1 | -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 | -1 | -1 | -1 | -1 | -1 | 12 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY03 | -1 | -1 | 26 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| SIHY | HY01 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIHY | HY02 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIHY | HY03 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SYPS | 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 |
| SYPS | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SYPS | HY03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SYPS | HY04 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR | HY01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 32 | 38 | 33 | 36 | 27 | 42 |
| TMGR | HY02 | 47 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR | HY03 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |
| 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 |
| Total Hydro | | 414 | 310 | 215 | 188 | 149 | 188 | 287 | 188 | 176 | 158 | 159 | 145 | 148 | 143 | 146 | 124 | 150 | 231 | 183 | 228 | 191 | 218 | 168 | 256 |
| PCUF | CUFG | 50 | 50 | 49 | 49 | 48 | 50 | 50 | 50 | 52 | 51 | 50 | 52 | 52 | 52 | 51 | 53 | 51 | 51 | 51 | 50 | 49 | 49 | 48 | 48 |
| PCUF | CUFK | 26 | 26 | 27 | 26 | 26 | 24 | 28 | 26 | 28 | 29 | 28 | 30 | 28 | 27 | 27 | 28 | 28 | 27 | 26 | 26 | 25 | 24 | 24 | 23 |
| Total Co-Gen | | 76 | 76 | 76 | 75 | 74 | 74 | 78 | 76 | 80 | 80 | 78 | 82 | 80 | 79 | 78 | 81 | 79 | 78 | 77 | 76 | 74 | 73 | 72 | 71 |
| Total Gen | | 13070 | 12678 | 12350 | 12163 | 11824 | 11692 | 11604 | 11477 | 11203 | 11253 | 11250 | 11181 | 11011 | 10924 | 10737 | 10194 | 10016 | 10151 | 10419 | 10843 | 11118 | 11323 | 11694 | 11729 | 11699 |
| 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 |
| TIE-HVDC | | -29 | -29 | -29 | -29 | -29 | -29 | -29 | -30 | -30 | -29 | -29 | -29 | -29 | -30 | -30 | -29 | -29 | -29 | -29 | -30 | -30 | -29 | -29 | -29 |
| TIE-PLTG | | -3 | 26 | -103 | -69 | -23 | 38 | -39 | -42 | -53 | -50 | -64 | -34 | 1 | 1 | 165 | 142 | 66 | -8 | -14 | -30 | 7 | -13 | 83 | -107 |
| Interconnection | | -32 | -3 | -132 | -98 | -52 | 9 | -68 | -72 | -83 | -79 | -93 | -63 | -28 | -29 | 135 | 113 | 37 | -37 | -43 | -60 | -23 | -42 | 54 | -136 |
| System Total | | 13102 | 12681 | 12482 | 12261 | 11876 | 11683 | 11672 | 11549 | 11286 | 11332 | 11343 | 11244 | 11039 | 10953 | 10602 | 10081 | 9979 | 10188 | 10462 | 10903 | 11141 | 11365 | 11640 | 11865 | 11766 |
| SRev ST-Coal | | 25 | 41 | 13 | 15 | 27 | 26 | 25 | 25 | 39 | 28 | 24 | 28 | 22 | 24 | 50 | 280 | 498 | 510 | 203 | 35 | 33 | 35 | 43 | 24 | 39 |
| 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 |
| SRev CCGT-Gas | | 180 | 302 | 563 | 320 | 387 | 559 | 751 | 777 | 1029 | 972 | 978 | 1033 | 1210 | 1289 | 1452 | 1746 | 1725 | 1661 | 1653 | 1441 | 1129 | 948 | 518 | 589 | 563 |
| 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 |

| Station | Unit | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total CCGT-Gas | | 5139 | 5154 | 5385 | 5370 | 5422 | 5387 | 5297 | 5131 | 4949 | 4748 | 4858 |
| SRDG | GT04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total OCGT-Gas | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BSIA | HY02 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| CEND | HY01 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| CEND | HY02 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| CEND | HY03 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| KNRG | HY01 | 35 | 35 | 34 | 35 | 35 | 35 | 33 | 34 | 35 | 35 | 33 |
| KNRG | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KNYR | HY01 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| KNYR | HY02 | 90 | 63 | 71 | 100 | 100 | 68 | 100 | 77 | 71 | 54 | 58 |
| KNYR | HY03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KNYR | HY04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LPIA | HY01 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| MNOR | HY01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 |
| PGAU | HY01 | -1 | -1 | 25 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY02 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY03 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| SIHY | HY01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | 30 |
| SIHY | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 30 | 30 |
| SIHY | HY03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| SYPS | HY01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 16 |
| SYPS | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 16 |
| SYPS | HY03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 |
| SYPS | HY04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR | HY01 | 34 | 41 | 35 | 34 | 36 | 34 | 50 | 42 | 42 | 46 | 51 |
| TMGR | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR | HY03 | 0 | 0 | 0 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| TMGR | HY04 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| UPIA | HY02 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total Hydro | | 195 | 258 | 225 | 189 | 225 | 200 | 210 | 276 | 312 | 318 | 386 |
| PCUF | CUFG | 46 | 45 | 46 | 46 | 45 | 45 | 46 | 46 | 47 | 46 | 46 |
| PCUF | CUFK | 20 | 19 | 22 | 22 | 19 | 22 | 23 | 31 | 32 | 28 | 29 |
| Total Co-Gen | | 66 | 64 | 68 | 68 | 64 | 67 | 69 | 77 | 79 | 74 | 75 |
| Total Gen | | 11733 | 11811 | 12007 | 11963 | 12032 | 11991 | 11908 | 11826 | 11668 | 11468 | 11572 |
| TIE-EGAT | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TIE-HVDC | | -29 | -30 | -30 | -30 | -30 | -30 | -30 | -30 | -29 | -29 | -29 |
| TIE-PLTG | | -37 | -53 | -27 | 15 | -25 | -37 | -1 | 32 | 83 | -6 | 34 |
| Interconnection | | -66 | -83 | -57 | -15 | -55 | -67 | -31 | 2 | 54 | -35 | 5 |
| System Total | | 11799 | 11894 | 12064 | 11978 | 12087 | 12058 | 11939 | 11824 | 11614 | 11503 | 11567 |
| SRev ST-Coal | | 32 | 30 | 36 | 29 | 44 | 28 | 33 | 23 | 37 | 37 | 81 |
| SRev ST-Oil | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SRev CCGT-Gas | | 511 | 496 | 265 | 280 | 228 | 263 | 353 | 519 | 701 | 902 | 792 |
| SRev OCGT-Gas | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Station | Unit | 1900 | 2000 | 2100 | 2200 | 2300 |
|---|---|---|---|---|---|---|
| Total CCGT-Gas | | 5266 | 5406 | 5543 | 5697 | 5781 | 5835 | 5795 | 5866 | 5884 | 5820 |
| SRDG | GT04 | 0 | 0 | 0 | 0 | 129 | 132 | 133 | 134 | 4 | 0 |
| Total OCGT-Gas | | 0 | 0 | 0 | 0 | 129 | 132 | 133 | 134 | 4 | 0 |
| BSIA | HY02 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 22 |
| CEND | HY01 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| CEND | HY02 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| CEND | HY03 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 |
| KNRG | HY01 | 34 | 32 | 34 | 34 | 35 | 35 | 33 | 34 | 34 | 30 |
| KNRG | HY02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KNYR | HY01 | -1 | -1 | 60 | 98 | 97 | 97 | 97 | 84 | 84 | 81 | 72 |
| KNYR | HY02 | 76 | 65 | 57 | 93 | 76 | 65 | 98 | 77 | 93 | 62 | 65 |
| KNYR | HY03 | 0 | 0 | 0 | 0 | 96 | 97 | 96 | 96 | 96 | 97 | 97 |
| KNYR | HY04 | 0 | 0 | 56 | 78 | 85 | 67 | 70 | 82 | 93 | 96 | 64 |
| LPIA | HY01 | 22 | 22 | 22 | 22 | 21 | 21 | 22 | 22 | 22 | 22 | 18 |
| MNOR | HY01 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| PGAU | HY01 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY02 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| PGAU | HY03 | -1 | -1 | -1 | -1 | 32 | -1 | -1 | -1 | -1 | -1 | -1 |
| SIHY | HY01 | 49 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 |
| SIHY | HY02 | 49 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| SIHY | HY03 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| SYPS | HY01 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 0 |
| SYPS | HY02 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 0 |
| SYPS | HY03 | 20 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 16 |
| SYPS | HY04 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 16 |
| TMGR | HY01 | 46 | 42 | 48 | 54 | 62 | 64 | 60 | 41 | 41 | 53 |
| TMGR | HY02 | 0 | 0 | 0 | 0 | 51 | 66 | 68 | 66 | 0 | 0 | 0 |
| TMGR | HY03 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| TMGR | HY04 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| UPIA | HY02 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total Hydro | | 445 | 555 | 658 | 834 | 794 | 835 | 805 | 748 | 717 | 577 |
| PCUF | CUFG | 49 | 48 | 50 | 50 | 50 | 51 | 52 | 53 | 51 | 52 |
| PCUF | CUFK | 29 | 30 | 30 | 27 | 30 | 29 | 29 | 32 | 32 | 31 |
| Total Co-Gen | | 78 | 78 | 80 | 77 | 80 | 80 | 81 | 85 | 83 | 83 |
| Total Gen | | 11947 | 12177 | 12412 | 12751 | 12923 | 13031 | 12962 | 12972 | 12825 | 12612 |
| TIE-EGAT | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TIE-HVDC | | -29 | -29 | -29 | -30 | -30 | -29 | -29 | -30 | -30 | -30 |
| TIE-PLTG | | -62 | 4 | -45 | -74 | -45 | -64 | -61 | 17 | -1 | -19 |
| Interconnection | | -91 | -25 | -74 | -104 | -75 | -93 | -90 | -13 | -31 | -49 |
| System Total | | 12038 | 12202 | 12486 | 12855 | 12998 | 13124 | 13052 | 12985 | 12856 | 12661 |
| SRev ST-Coal | | 22 | 47 | 54 | 42 | 46 | 36 | 37 | 36 | 38 | 43 |
| SRev ST-Oil | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SRev CCGT-Gas | | 384 | 474 | 462 | 308 | 224 | 170 | 210 | 139 | 121 | 185 |
| SRev OCGT-Gas | | 0 | 0 | 0 | 0 | 1 | -2 | -3 | -4 | -4 | 0 |

TENAGA NASIONAL BERHAD

# Daily MW Generation On Sunday

12-Aug-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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 726 | 575 | 726 | 726 | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 575 | 726 | 726 | 640 | 640 | 640 | 640 | 640 | 640 | 489 | 640 | 640 | 640 | 489 | 640 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 575 | 726 | 726 | 625 | 625 | 474 | 625 | 625 | 625 | 625 | 625 | 625 |
| Hydro | 63 | 117 | 148 | 24 | 63 | 24 | 76 | 24 | 36 | 54 | 53 | 67 | 64 | 69 | 217 | 88 | 62 | 72 | 120 | 70 | 112 | 85 | 135 | 198 | 89 | 121 | 108 | 196 | 78 | 113 | 77 | 102 | 92 | 201 | 190 | 184 | 267 | 170 | 107 | 198 | 95 | 255 | 144 | 103 | 133 | 105 | 136 | 176 |
| **S.Reserve Total** | **994** | **1186** | **1304** | **1090** | **1208** | **1340** | **1432** | **1557** | **1835** | **1785** | **1786** | **1859** | **2027** | **2113** | **2299** | **2845** | **3016** | **2883** | **2616** | **2191** | **1914** | **1708** | **1336** | **1300** | **1331** | **1245** | **1291** | **1211** | **1019** | **1148** | **1075** | **1119** | **1204** | **1469** | **1654** | **1849** | **1715** | **1486** | **1239** | **1344** | **1236** | **1079** | **1040** | **932** | **1002** | **901** | **916** | **1029** |