

Availability at Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 3,002 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Gas | 5,532 MW |
| Hydro | 2,102 MW |
| Distillate | 0 MW |
| Total TNB | 10,636 MW |
| Total IPP | 8,425 MW |
| Total Co-Gen | 30 MW |
| Total System | 19,661 MW |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|----------------|-----------------|
| ST-Coal | 65,672 | 19.25 % |
| Gas | 97,391 | 28.54 % |
| Hydro | 13,684 | 4.01 % |
| Total TNB | 176,747 | 51.80 % |
| ST-Coal | 98,895 | 28.99 % |
| Gas | 65,335 | 19.15 % |
| Total IPP | 164,230 | 48.13 % |
| Co-Gen | 521 | 0.15 % |
| Total Co-Gen | 521 | 0.15 % |
| Total Generation | 341,498 | 100.09 % |
| PLTG | -302 | -0.09 % |
| HVDC | 611 | 0.18 % |
| Interconnection | 309 | 0.09 % |
| Net Energy | 341,189 | 100.00 % |

Maximum Demand Record

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

Set On Bus, TNB, IPP And MD

| | |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 14:30:00 Hour |
| Total Set On Bus | 17,750 MW |
| TNB Generation | 8,190 MW |
| IPP Generation | 7,906 MW |
| Spinning Reserve | 1,633 MW |
| Maximum Demand | 16,115 MW |
| Net Energy | 341,189 MWH |
| Load Factor | 88.22 % |

Fuel Cost

| | |
|---------------|------------------|
| Total Cost: | 48,658,601.80 RM |
| Cost per Unit | 14.84 cents/kWH |

Average Spinning Reserve During Peak Hour

| Type | MW |
|--------------|--------------|
| GT | 548 |
| Hydro | 420 |
| Syncon | 501 |
| Thermal | 193 |
| Total | 1,662 |

Time Weather Temperature

| Time | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot | 35 |
| Morning | Sunny | 26 |

Hourly System MW Generation

| | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| System Total | 13980 | 13256 | 12696 | 12323 | 11994 | 11849 | 12138 | 12110 | 12528 | 14265 | 15175 | 15767 | 15730 | 15343 | 15824 | 15988 | 15757 | 15529 | 14503 | 14345 | 15364 | 15217 | 14714 | 14982 |

Prepared By: Abu Bakar bin K.K. Ibrahim

Checked By: Kannathason a/l Karuppiah

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 (Gurcharan Singh)
 Pengurus Besar Kanan
 Jabatan Sistem Operasi

Daily MW Generation on Thursday

| Station | Unit | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR | 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 |
| TMGR | HY02 | 29 | 31 | 29 | 26 | 30 | 32 | 31 | 28 | 28 | 30 | 30 | 31 | 40 | 41 | 35 | 34 | 35 | 35 | 34 | 29 | 28 | 32 | 33 | 38 |
| TMGR | HY03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR | HY04 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| UPLA | HY01 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| UPLA | HY02 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Total Hydro | | 189 | 208 | 176 | 171 | 176 | 180 | 178 | 172 | 164 | 168 | 168 | 170 | 228 | 215 | 180 | 181 | 217 | 223 | 192 | 211 | 665 | 838 | 964 | 1057 |
| Total Distillate | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCUF | CUFG | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 |
| PCUF | CUFK | 20 | 19 | 17 | 18 | 18 | 19 | 17 | 18 | 17 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 17 | 18 | 15 | 18 | 16 | 16 | 16 |
| Total Co-Gen | | 24 | 24 | 22 | 23 | 22 | 24 | 22 | 23 | 22 | 23 | 21 | 21 | 21 | 22 | 22 | 21 | 20 | 21 | 22 | 22 | 22 | 20 | 21 | 21 |
| Total Gen | | 13981 | 13639 | 13287 | 13029 | 12711 | 12603 | 12341 | 12238 | 12064 | 11943 | 11917 | 11921 | 12165 | 12271 | 12158 | 12094 | 12532 | 13385 | 14203 | 14705 | 15211 | 15454 | 15782 | 15863 |
| TIB-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 |
| TIB-HVDC | | 30 | 30 | 30 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 30 | 30 |
| TIB-PLTG | | -29 | -2 | 0 | -56 | -16 | -8 | -12 | 49 | 40 | 48 | 37 | 79 | -3 | 15 | 17 | -12 | -26 | -20 | -93 | -103 | 6 | -49 | -14 | -16 |
| Interconnection | | 1 | 28 | 31 | -25 | 15 | 22 | 18 | 79 | 70 | 79 | 68 | 109 | 27 | 46 | 48 | 18 | 4 | 11 | -62 | -73 | 36 | -19 | 15 | |
| System Total | | 13980 | 13611 | 13256 | 13054 | 12696 | 12581 | 12323 | 12159 | 11994 | 11864 | 11849 | 11812 | 12138 | 12225 | 12110 | 12076 | 12528 | 13374 | 14265 | 14778 | 15175 | 15473 | 15767 | 15848 |
| SRev ST-Coal | | 203 | 176 | 222 | 160 | 295 | 447 | 530 | 605 | 599 | 682 | 709 | 705 | 696 | 689 | 691 | 614 | 413 | 139 | 127 | 95 | 109 | 154 | 111 | 135 |
| 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 |
| SRev CCGT-Gas | | 625 | 1057 | 1089 | 1456 | 1578 | 1538 | 1718 | 1731 | 1791 | 1733 | 1749 | 1735 | 1577 | 1512 | 1592 | 1700 | 1584 | 1022 | 672 | 579 | 826 | 528 | 319 | 291 |
| SRev ST-Gas | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SRev Co-Gen | | 6 | 6 | 8 | 7 | 8 | 8 | 6 | 8 | 7 | 8 | 7 | 9 | 9 | 9 | 8 | 8 | 9 | 10 | 9 | 8 | 8 | 8 | 8 | 8 |
| Syncon | | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 | 827 |
| Hydro | | 128 | 109 | 141 | 146 | 141 | 137 | 139 | 145 | 153 | 149 | 149 | 147 | 89 | 253 | 137 | 135 | 99 | 93 | 124 | 105 | 439 | 416 | 390 | 406 |
| S.Reserve Total | | 1789 | 2175 | 2287 | 2596 | 2849 | 2957 | 3220 | 3316 | 3377 | 3399 | 3441 | 3423 | 3198 | 3139 | 3255 | 3410 | 3058 | 2217 | 1885 | 1740 | 1882 | 1606 | 1330 | 1340 |