

CUAES Greenhouses - Energy Consumption and Equivalents

| Using Cornell CO ₂ Emissions data | | | | Heating | | | | Lighting | | | | TOTAL Energy Consumption and CO2 Equivalents | | | | | | | | | |
|--|-------------|------|--------------------------|-------------------------|----------------------------|---------------------------------|--------------------------|--------------------|------------------------|------------------------|--------------------------|--|-----------------|--------------------------|----------------|----------------|-----------------------------------|-------------------------------|-------------------------|---------------------------|----------------------------------|
| Facility Code | Range color | Room | Gross \$/ft ² | Cost \$/ft ² | Annual kWh heat equivalent | Annual cost @ \$27.00/ Klbs stm | Annual Lbs CO2 emissions | HID Watts GH Total | Annual kWh (11hr days) | Annual cost \$0.07/kWh | Annual Lbs CO2 emissions | Annual kWh energy equivalent | Annual cost | Annual Lbs CO2 emissions | Gallons of gas | Miles driven | 2-way car trips Ithaca to Seattle | 2-way car trips Ithaca to NYC | Homes electricity usage | Propane cylinders for BBQ | Acres forest sequestering carbon |
| 1019 | Gold | W401 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W402 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W403 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W404 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W405 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W406 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W407 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 3,255 | 13,069 | \$915 | 11,762 | 28,103 | \$2,197 | 16,084 | 820 | 17,371 | 3 | 39 | 1.0 | 304 | 5.3 |
| 1019 | Gold | W408 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W409 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W410 | 171 | 7.50 | 15,034 | \$1,283 | 4,323 | 2,790 | 11,202 | \$784 | 10,082 | 26,236 | \$2,067 | 14,404 | 735 | 15,556 | 3 | 35 | 0.9 | 272 | 4.7 |
| 1019 | Gold | W411 | 158 | 7.50 | 13,891 | \$1,185 | 3,994 | 2,790 | 11,202 | \$784 | 10,082 | 25,093 | \$1,969 | 14,076 | 718 | 15,202 | 3 | 34 | 0.9 | 266 | 4.6 |
| 1019 | Gold | W412 | 576 | 7.50 | 50,640 | \$4,320 | 14,560 | 12,090 | 48,541 | \$3,398 | 43,687 | 99,181 | \$7,718 | 58,247 | 2,971 | 62,907 | 11 | 141 | 3.6 | 1,101 | 19.0 |
| 1019 | Gold | W413 | 510 | 7.50 | 44,838 | \$3,825 | 12,892 | 12,555 | 50,408 | \$3,529 | 45,367 | 95,246 | \$7,354 | 58,259 | 2,971 | 62,920 | 11 | 141 | 3.6 | 1,101 | 19.1 |
| 1019 | Gold | W414 | 338 | 7.50 | 29,716 | \$2,535 | 8,544 | 6,510 | 26,138 | \$1,830 | 23,524 | 55,853 | \$4,365 | 32,068 | 1,635 | 34,633 | 6 | 78 | 2.0 | 606 | 10.5 |
| 1019 | Gold | W415 | 486 | 7.50 | 42,728 | \$3,645 | 12,285 | 9,765 | 39,206 | \$2,744 | 35,286 | 81,934 | \$6,389 | 47,571 | 2,426 | 51,376 | 9 | 115 | 2.9 | 899 | 15.6 |
| 1019 | Gold | W416 | 709 | 7.50 | 62,333 | \$5,318 | 17,922 | 14,880 | 59,743 | \$4,182 | 53,769 | 122,076 | \$9,500 | 71,691 | 3,656 | 77,426 | 14 | 174 | 4.4 | 1,355 | 23.4 |
| Gold GHs Seeley Mudd | | | 4487 | | 394,482 | \$33,653 | 113,421 | 86,955 | 349,124 | \$24,439 | 314,212 | 743,606 | \$58,091 | 427,633 | 21,809 | 461,844 | 83 | 1,037 | 26.5 | 8,082 | 139.8 |
| 1023H | Purple | 105 | 1054 | 5.50 | 67,954 | \$5,797 | 19,538 | 19,530 | 78,413 | \$5,489 | 70,572 | 146,367 | \$11,286 | 90,110 | 4,596 | 97,318 | 17 | 218 | 5.6 | 1,703 | 29.5 |
| 1023H | Purple | 106 | 1054 | 5.50 | 67,954 | \$5,797 | 19,538 | 19,530 | 78,413 | \$5,489 | 70,572 | 146,367 | \$11,286 | 90,110 | 4,596 | 97,318 | 17 | 218 | 5.6 | 1,703 | 29.5 |
| 1023H | Purple | 107 | 1054 | 5.50 | 67,954 | \$5,797 | 19,538 | 19,530 | 78,413 | \$5,489 | 70,572 | 146,367 | \$11,286 | 90,110 | 4,596 | 97,318 | 17 | 218 | 5.6 | 1,703 | 29.5 |
| 1023H | Purple | 108 | 1054 | 5.50 | 67,954 | \$5,797 | 19,538 | 19,530 | 78,413 | \$5,489 | 70,572 | 146,367 | \$11,286 | 90,110 | 4,596 | 97,318 | 17 | 218 | 5.6 | 1,703 | 29.5 |
| 1023H | Purple | 109 | 1054 | 5.50 | 67,954 | \$5,797 | 19,538 | 20,925 | 84,014 | \$5,881 | 75,612 | 151,968 | \$11,678 | 95,151 | 4,853 | 102,763 | 18 | 231 | 5.9 | 1,798 | 31.1 |
| 1023H | Purple | 110 | 1054 | 5.50 | 67,954 | \$5,797 | 19,538 | 19,530 | 78,413 | \$5,489 | 70,572 | 146,367 | \$11,286 | 90,110 | 4,596 | 97,318 | 17 | 218 | 5.6 | 1,703 | 29.5 |
| Purple GHs | | | 6324 | | 407,722 | \$34,782 | 117,228 | 118,575 | 476,079 | \$33,326 | 428,471 | 883,801 | \$68,108 | 545,699 | 27,831 | 589,355 | 106 | 1,323 | 33.8 | 10,314 | 178.4 |
| 1023A | Purple | 101 | 1880 | - | - | \$0 | - | - | - | \$0 | - | - | \$0 | - | - | - | - | - | - | - | - |
| 1023A | Purple | 101A | 1156 | - | - | \$0 | - | - | - | \$0 | - | - | \$0 | - | - | - | - | - | - | - | - |
| Purple Conservatory | | | 3036 | | - | \$0 | - | - | - | \$0 | - | - | \$0 | - | - | - | - | - | - | - | - |
| 1061C | Blue | 120 | 443 | 8.50 | 44,140 | \$3,766 | 12,691 | 3,720 | 14,936 | \$1,046 | 13,442 | 59,076 | \$4,811 | 26,133 | 1,333 | 28,224 | 5 | 63 | 1.6 | 494 | 8.5 |
| 1061C | Blue | 120A | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 2,325 | 9,335 | \$653 | 8,401 | 23,982 | \$1,903 | 12,613 | 643 | 13,622 | 2 | 31 | 0.8 | 238 | 4.1 |
| 1061C | Blue | 120B | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 2,790 | 11,202 | \$784 | 10,082 | 25,849 | \$2,034 | 14,293 | 729 | 15,436 | 3 | 35 | 0.9 | 270 | 4.7 |
| 1061C | Blue | 120C | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 2,790 | 11,202 | \$784 | 10,082 | 25,849 | \$2,034 | 14,293 | 729 | 15,436 | 3 | 35 | 0.9 | 270 | 4.7 |
| 1061C | Blue | 121 | 443 | 8.50 | 44,140 | \$3,766 | 12,691 | 5,580 | 22,404 | \$1,568 | 20,163 | 66,544 | \$5,334 | 32,854 | 1,676 | 35,483 | 6 | 80 | 2.0 | 621 | 10.7 |
| 1061C | Blue | 121A | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 2,790 | 11,202 | \$784 | 10,082 | 25,849 | \$2,034 | 14,293 | 729 | 15,436 | 3 | 35 | 0.9 | 270 | 4.7 |
| 1061C | Blue | 121B | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | - | - | \$0 | - | 14,647 | \$1,250 | 4,211 | 215 | 4,548 | 1 | 10 | 0.3 | 80 | 1.4 |
| 1061C | Blue | 121C | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | - | - | \$0 | - | 14,647 | \$1,250 | 4,211 | 215 | 4,548 | 1 | 10 | 0.3 | 80 | 1.4 |
| 1061C | Blue | 122 | 560 | 8.50 | 55,798 | \$4,760 | 16,043 | 6,975 | 28,005 | \$1,960 | 25,204 | 83,802 | \$6,720 | 41,247 | 2,104 | 44,547 | 8 | 100 | 2.6 | 780 | 13.5 |
| 1061C | Blue | 123 | 443 | 8.50 | 44,140 | \$3,766 | 12,691 | 3,720 | 14,936 | \$1,046 | 13,442 | 59,076 | \$4,811 | 26,133 | 1,333 | 28,224 | 5 | 63 | 1.6 | 494 | 8.5 |
| 1061C | Blue | 123A | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | - | - | \$0 | - | 14,647 | \$1,250 | 4,211 | 215 | 4,548 | 1 | 10 | 0.3 | 80 | 1.4 |
| 1061C | Blue | 123B | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 1,395 | 5,601 | \$392 | 5,041 | 20,248 | \$1,642 | 9,252 | 472 | 9,992 | 2 | 22 | 0.6 | 175 | 3.0 |
| 1061C | Blue | 123C | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 1,395 | 5,601 | \$392 | 5,041 | 20,248 | \$1,642 | 9,252 | 472 | 9,992 | 2 | 22 | 0.6 | 175 | 3.0 |
| 1061C | Blue | 124 | 147 | 8.50 | 14,647 | \$1,250 | 4,211 | 2,790 | 11,202 | \$784 | 10,082 | 25,849 | \$2,034 | 14,293 | 729 | 15,436 | 3 | 35 | 0.9 | 270 | 4.7 |
| 1061C | Blue | 124A | 140 | 8.50 | 13,949 | \$1,190 | 4,011 | 930 | 3,734 | \$261 | 3,361 | 17,683 | \$1,451 | 7,371 | 376 | 7,961 | 1 | 18 | 0.5 | 139 | 2.4 |
| 1061H | Blue | 126 | 1161 | 7.50 | 102,071 | \$8,708 | 29,348 | 29,710 | 119,286 | \$8,350 | 107,357 | 221,357 | \$17,057 | 136,705 | 6,972 | 147,641 | 26 | 331 | 8.5 | 2,584 | 44.7 |

CUAES Greenhouses - Energy Consumption and Equivalents

| Using Cornell CO ₂ Emissions data | | | | Heating | | | | Lighting | | | | TOTAL Energy Consumption and CO2 Equivalents | | | | | | | | | |
|--|-------------|------|--------------------------|-------------------------|----------------------------|---------------------------------|--------------------------|--------------------|------------------------|------------------------|--------------------------|--|------------------|--------------------------|----------------|------------------|-----------------------------------|-------------------------------|-------------------------|---------------------------|----------------------------------|
| Facility Code | Range color | Room | Gross \$/ft ² | Cost \$/ft ² | Annual kWh heat equivalent | Annual cost @ \$27.00/ Klbs stm | Annual Lbs CO2 emissions | HID Watts GH Total | Annual kWh (11hr days) | Annual cost \$0.07/kWh | Annual Lbs CO2 emissions | Annual kWh energy equivalent | Annual cost | Annual Lbs CO2 emissions | Gallons of gas | Miles driven | 2-way car trips Ithaca to Seattle | 2-way car trips Ithaca to NYC | Homes electricity usage | Propane cylinders for BBQ | Acres forest sequestering carbon |
| 1061B | Blue | 140 | 500 | 9.00 | 52,750 | \$4,500 | 15,167 | 8,760 | 35,171 | \$2,462 | 31,654 | 87,921 | \$6,962 | 46,821 | 2,388 | 50,567 | 9 | 114 | 2.9 | 885 | 15.3 |
| 1061B | Blue | 142 | 586 | 9.00 | 61,823 | \$5,274 | 17,775 | 6,570 | 26,379 | \$1,846 | 23,741 | 88,202 | \$7,120 | 41,516 | 2,117 | 44,837 | 8 | 101 | 2.6 | 785 | 13.6 |
| 1061B | Blue | 142A | 586 | 9.00 | 61,823 | \$5,274 | 17,775 | 10,950 | 43,964 | \$3,077 | 39,568 | 105,787 | \$8,351 | 57,343 | 2,925 | 61,931 | 11 | 139 | 3.6 | 1,084 | 18.8 |
| 1061A | Blue | 150 | 148 | 9.00 | 15,614 | \$1,332 | 4,489 | 1,395 | 5,601 | \$392 | 5,041 | 21,215 | \$1,724 | 9,530 | 486 | 10,293 | 2 | 23 | 0.6 | 180 | 3.1 |
| 1061A | Blue | 151 | 148 | 9.00 | 15,614 | \$1,332 | 4,489 | 1,395 | 5,601 | \$392 | 5,041 | 21,215 | \$1,724 | 9,530 | 486 | 10,293 | 2 | 23 | 0.6 | 180 | 3.1 |
| 1061A | Blue | 152 | 148 | 9.00 | 15,614 | \$1,332 | 4,489 | 1,860 | 7,468 | \$523 | 6,721 | 23,082 | \$1,855 | 11,210 | 572 | 12,107 | 2 | 27 | 0.7 | 212 | 3.7 |
| 1061A | Blue | 153 | 306 | 9.00 | 32,283 | \$2,754 | 9,282 | 3,720 | 14,936 | \$1,046 | 13,442 | 47,219 | \$3,800 | 22,724 | 1,159 | 24,542 | 4 | 55 | 1.4 | 429 | 7.4 |
| 1061A | Blue | 154 | 306 | 9.00 | 32,283 | \$2,754 | 9,282 | 4,185 | 16,803 | \$1,176 | 15,122 | 49,086 | \$3,930 | 24,404 | 1,245 | 26,357 | 5 | 59 | 1.5 | 461 | 8.0 |
| 1061A | Blue | 155 | 306 | 9.00 | 32,283 | \$2,754 | 9,282 | 3,720 | 14,936 | \$1,046 | 13,442 | 47,219 | \$3,800 | 22,724 | 1,159 | 24,542 | 4 | 55 | 1.4 | 429 | 7.4 |
| Blue GHs (Insectary) | | | 7694 | | 770,795 | \$65,755 | 221,619 | 109,465 | 439,502 | \$30,765 | 395,552 | 1,210,297 | \$96,520 | 617,170 | 31,476 | 666,544 | 119 | 1,497 | 38.3 | 11,665 | 201.8 |
| 1045B | Green | 110 | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | - | - | \$0 | - | 75,960 | \$6,480 | 21,840 | 1,114 | 23,587 | 4 | 53 | 1.4 | 413 | 7.1 |
| 1045B | Green | 111 | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | 9,765 | 39,206 | \$2,744 | 35,286 | 115,166 | \$9,224 | 57,126 | 2,913 | 61,696 | 11 | 139 | 3.5 | 1,080 | 18.7 |
| 1045B | Green | 112 | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | - | - | \$0 | - | 75,960 | \$6,480 | 21,840 | 1,114 | 23,587 | 4 | 53 | 1.4 | 413 | 7.1 |
| 1045B | Green | 113 | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | 10,230 | 41,073 | \$2,875 | 36,966 | 117,033 | \$9,355 | 58,806 | 2,999 | 63,511 | 11 | 143 | 3.6 | 1,111 | 19.2 |
| 1045B | Green | 114 | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | 9,765 | 39,206 | \$2,744 | 35,286 | 115,166 | \$9,224 | 57,126 | 2,913 | 61,696 | 11 | 139 | 3.5 | 1,080 | 18.7 |
| 1045B | Green | 115 | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | 3,255 | 13,069 | \$915 | 11,762 | 89,029 | \$7,395 | 33,602 | 1,714 | 36,290 | 7 | 81 | 2.1 | 635 | 11.0 |
| 1045M | Green | 130 | 2620 | 6.00 | 184,273 | \$15,720 | 52,982 | 26,040 | 104,551 | \$7,319 | 94,096 | 288,824 | \$23,039 | 147,078 | 7,501 | 158,844 | 28 | 357 | 9.1 | 2,780 | 48.1 |
| 1045M | Green | 131 | 2644 | 6.00 | 185,961 | \$15,864 | 53,468 | 360 | 1,445 | \$101 | 1,301 | 187,407 | \$15,965 | 54,768 | 2,793 | 59,150 | 11 | 133 | 3.4 | 1,035 | 17.9 |
| 1045P | Green | 140 | 1404 | 5.00 | 82,290 | \$7,020 | 23,660 | 930 | 3,734 | \$261 | 3,361 | 86,024 | \$7,281 | 27,021 | 1,378 | 29,182 | 5 | 66 | 1.7 | 511 | 8.8 |
| 1045P | Green | 140A | 1332 | 5.00 | 78,070 | \$6,660 | 22,447 | - | - | \$0 | - | 78,070 | \$6,660 | 22,447 | 1,145 | 24,242 | 4 | 54 | 1.4 | 424 | 7.3 |
| 1045P | Green | 141 | 1404 | 5.00 | 82,290 | \$7,020 | 23,660 | 3,255 | 13,069 | \$915 | 11,762 | 95,359 | \$7,935 | 35,422 | 1,807 | 38,256 | 7 | 86 | 2.2 | 669 | 11.6 |
| 1045P | Green | 141A | 1332 | 5.00 | 78,070 | \$6,660 | 22,447 | 13,950 | 56,009 | \$3,921 | 50,408 | 134,079 | \$10,581 | 72,855 | 3,716 | 78,683 | 14 | 177 | 4.5 | 1,377 | 23.8 |
| 1045E | Green | 150 | 1404 | 9.50 | 156,351 | \$13,338 | 44,954 | 12,555 | 50,408 | \$3,529 | 45,367 | 206,759 | \$16,867 | 90,321 | 4,606 | 97,547 | 17 | 219 | 5.6 | 1,707 | 29.5 |
| 1045E | Green | 150A | 1332 | 9.50 | 148,333 | \$12,654 | 42,649 | 465 | 1,867 | \$131 | 1,680 | 150,200 | \$12,785 | 44,329 | 2,261 | 47,875 | 9 | 107 | 2.7 | 838 | 14.5 |
| 1045E | Green | 151 | 2644 | 9.50 | 294,439 | \$25,118 | 84,657 | - | - | \$0 | - | 294,439 | \$25,118 | 84,657 | 4,318 | 91,430 | 16 | 205 | 5.2 | 1,600 | 27.7 |
| 1045F | Green | 160 | 367 | 9.50 | 40,870 | \$3,487 | 11,751 | 7,440 | 29,872 | \$2,091 | 26,884 | 70,741 | \$5,578 | 38,635 | 1,970 | 41,726 | 7 | 94 | 2.4 | 730 | 12.6 |
| 1045F | Green | 161 | 2120 | 9.50 | 236,086 | \$20,140 | 67,879 | 1,395 | 5,601 | \$392 | 5,041 | 241,686 | \$20,532 | 72,920 | 3,719 | 78,754 | 14 | 177 | 4.5 | 1,378 | 23.8 |
| 1045F | Green | 162 | 367 | 9.50 | 40,870 | \$3,487 | 11,751 | 1,860 | 7,468 | \$523 | 6,721 | 48,337 | \$4,009 | 18,472 | 942 | 19,950 | 4 | 45 | 1.1 | 349 | 6.0 |
| 1045H | Green | 163 | 696 | 9.50 | 77,507 | \$6,612 | 22,285 | - | - | \$0 | - | 77,507 | \$6,612 | 22,285 | 1,137 | 24,068 | 4 | 54 | 1.4 | 421 | 7.3 |
| 1045F | Green | 164 | 367 | 9.50 | 40,870 | \$3,487 | 11,751 | - | - | \$0 | - | 40,870 | \$3,487 | 11,751 | 599 | 12,691 | 2 | 28 | 0.7 | 222 | 3.8 |
| 1134B | Green | 180 | 260 | 9.00 | 27,430 | \$2,340 | 7,887 | 1,860 | 7,468 | \$523 | 6,721 | 34,898 | \$2,863 | 14,608 | 745 | 15,776 | 3 | 35 | 0.9 | 276 | 4.8 |
| 1134B | Green | 180A | 260 | 9.00 | 27,430 | \$2,340 | 7,887 | - | - | \$0 | - | 27,430 | \$2,340 | 7,887 | 402 | 8,518 | 2 | 19 | 0.5 | 149 | 2.6 |
| 1134B | Green | 180B | 260 | 9.00 | 27,430 | \$2,340 | 7,887 | 930 | 3,734 | \$261 | 3,361 | 31,164 | \$2,601 | 11,247 | 574 | 12,147 | 2 | 27 | 0.7 | 213 | 3.7 |
| 1134B | Green | 180C | 260 | 9.00 | 27,430 | \$2,340 | 7,887 | 840 | 3,373 | \$236 | 3,035 | 30,803 | \$2,576 | 10,922 | 557 | 11,796 | 2 | 26 | 0.7 | 206 | 3.6 |
| 1134A | Green | 190A | 1002 | 7.50 | 88,093 | \$7,515 | 25,328 | 9,300 | 37,340 | \$2,614 | 33,606 | 125,432 | \$10,129 | 58,934 | 3,006 | 63,649 | 11 | 143 | 3.7 | 1,114 | 19.3 |
| 1134A | Green | 190B | 967 | 7.50 | 85,015 | \$7,253 | 24,444 | 9,300 | 37,340 | \$2,614 | 33,606 | 122,355 | \$9,866 | 58,049 | 2,961 | 62,693 | 11 | 141 | 3.6 | 1,097 | 19.0 |
| 1134A | Green | 190C | 967 | 7.50 | 85,015 | \$7,253 | 24,444 | 9,300 | 37,340 | \$2,614 | 33,606 | 122,355 | \$9,866 | 58,049 | 2,961 | 62,693 | 11 | 141 | 3.6 | 1,097 | 19.0 |
| 1134A | Green | 190D | 967 | 5.50 | 62,345 | \$5,319 | 17,925 | 9,300 | 37,340 | \$2,614 | 33,606 | 99,684 | \$7,932 | 51,531 | 2,628 | 55,653 | 10 | 125 | 3.2 | 974 | 16.9 |
| 1134A | Green | 190E | 976 | 7.50 | 85,807 | \$7,320 | 24,671 | 9,300 | 37,340 | \$2,614 | 33,606 | 123,146 | \$9,934 | 58,277 | 2,972 | 62,939 | 11 | 141 | 3.6 | 1,101 | 19.1 |
| 1045J | Green | 101 | 1176 | 6.00 | 82,712 | \$7,056 | 23,781 | - | - | \$0 | - | 82,712 | \$7,056 | 23,781 | 1,213 | 25,684 | 5 | 58 | 1.5 | 449 | 7.8 |
| 1045K | Green | 101 | 1176 | 6.00 | 82,712 | \$7,056 | 23,781 | - | - | \$0 | - | 82,712 | \$7,056 | 23,781 | 1,213 | 25,684 | 5 | 58 | 1.5 | 449 | 7.8 |
| Green GHs (KPL) | | | 33488 | | 2,863,458 | \$244,276 | 823,301 | 151,395 | 607,851 | \$42,550 | 547,066 | 3,471,308 | \$286,826 | 1,370,366 | 69,889 | 1,479,996 | 265 | 3,323 | 85.0 | 25,900 | 448.1 |
| 1060C | Yellow | 120 | 866 | 9.50 | 96,439 | \$8,227 | 27,728 | 8,370 | 33,606 | \$2,352 | 30,245 | 130,044 | \$10,579 | 57,973 | 2,957 | 62,611 | 11 | 141 | 3.6 | 1,096 | 19.0 |
| 1060C | Yellow | 120A | 866 | 9.50 | 96,439 | \$8,227 | 27,728 | - | - | \$0 | - | 96,439 | \$8,227 | 27,728 | 1,414 | 29,946 | 5 | 67 | 1.7 | 524 | 9.1 |
| 1060C | Yellow | 120B | 1750 | 9.50 | 194,882 | \$16,625 | 56,032 | - | - | \$0 | - | 194,882 | \$16,625 | 56,032 | 2,858 | 60,515 | 11 | 136 | 3.5 | 1,059 | 18.3 |
| 1060B | Yellow | 130 | 1054 | 9.00 | 111,197 | \$9,486 | 31,971 | - | - | \$0 | - | 111,197 | \$9,486 | 31,971 | 1,631 | 34,529 | 6 | 78 | 2.0 | 604 | 10.5 |

CUAES Greenhouses - Energy Consumption and Equivalents

| Using Cornell CO ₂ Emissions data | | | | Heating | | | | Lighting | | | | TOTAL Energy Consumption and CO ₂ Equivalents | | | | | | | | | |
|---|----------------|------|-----------------------------|----------------------------|----------------------------------|---------------------------------------|--|-----------------------|---------------------------|---------------------------|--|--|------------------|--|-------------------|------------------|---|-------------------------------------|-------------------------------|---------------------------------|--|
| | | | | Cost \$/ft ² | Annual kWh heat equivalent | Annual cost @ \$27.00/ Klbs stm | Annual Lbs CO ₂ emissions | HID Watts GH Total | Annual kWh (11hr days) | Annual cost \$0.07/kWh | Annual Lbs CO ₂ emissions | Annual kWh energy equivalent | Annual cost | Annual Lbs CO ₂ emissions | Gallons of gas | Miles driven | 2-way car trips Ithaca to Seattle | 2-way car trips Ithaca to NYC | Homes electricity usage | Propane cylinders for BBQ | Acres forest sequestering carbon |
| Facility Code | Range color | Room | Gross \$/ft ² | | | | | | | | | | | | | | | | | | |
| 1060A | Yellow | 140 | 1327 | 9.50 | 147,776 | \$12,607 | 42,489 | 4,185 | 16,803 | \$1,176 | 15,122 | 164,579 | \$13,783 | 57,611 | 2,938 | 62,220 | 11 | 140 | 3.6 | 1,089 | 18.8 |
| 1060A | Yellow | 140A | 130 | 9.50 | 14,477 | \$1,235 | 4,162 | 1,860 | 7,468 | \$523 | 6,721 | 21,945 | \$1,758 | 10,884 | 555 | 11,754 | 2 | 26 | 0.7 | 206 | 3.6 |
| 1060A | Yellow | 140B | 130 | 9.50 | 14,477 | \$1,235 | 4,162 | 1,860 | 7,468 | \$523 | 6,721 | 21,945 | \$1,758 | 10,884 | 555 | 11,754 | 2 | 26 | 0.7 | 206 | 3.6 |
| 1060A | Yellow | 140C | 130 | 9.50 | 14,477 | \$1,235 | 4,162 | 1,860 | 7,468 | \$523 | 6,721 | 21,945 | \$1,758 | 10,884 | 555 | 11,754 | 2 | 26 | 0.7 | 206 | 3.6 |
| 1060A | Yellow | 140D | 866 | 9.50 | 96,439 | \$8,227 | 27,728 | 8,370 | 33,606 | \$2,352 | 30,245 | 130,044 | \$10,579 | 57,973 | 2,957 | 62,611 | 11 | 141 | 3.6 | 1,096 | 19.0 |
| 1060A | Yellow | 140E | 866 | 9.50 | 96,439 | \$8,227 | 27,728 | 8,370 | 33,606 | \$2,352 | 30,245 | 130,044 | \$10,579 | 57,973 | 2,957 | 62,611 | 11 | 141 | 3.6 | 1,096 | 19.0 |
| 1060D | Yellow | 161 | 454 | 8.50 | 45,236 | \$3,859 | 13,006 | 2,790 | 11,202 | \$784 | 10,082 | 56,438 | \$4,643 | 23,088 | 1,177 | 24,935 | 4 | 56 | 1.4 | 436 | 7.5 |
| 1060D | Yellow | 162 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 8,370 | 33,606 | \$2,352 | 30,245 | 122,085 | \$9,900 | 55,685 | 2,840 | 60,139 | 11 | 135 | 3.5 | 1,052 | 18.2 |
| 1060D | Yellow | 163 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 5,580 | 22,404 | \$1,568 | 20,163 | 110,883 | \$9,116 | 45,603 | 2,326 | 49,251 | 9 | 111 | 2.8 | 862 | 14.9 |
| 1060D | Yellow | 164 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 8,370 | 33,606 | \$2,352 | 30,245 | 122,085 | \$9,900 | 55,685 | 2,840 | 60,139 | 11 | 135 | 3.5 | 1,052 | 18.2 |
| 1060D | Yellow | 165 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 11,160 | 44,807 | \$3,137 | 40,327 | 133,287 | \$10,685 | 65,766 | 3,354 | 71,028 | 13 | 159 | 4.1 | 1,243 | 21.5 |
| 1060D | Yellow | 166 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 8,370 | 33,606 | \$2,352 | 30,245 | 122,085 | \$9,900 | 55,685 | 2,840 | 60,139 | 11 | 135 | 3.5 | 1,052 | 18.2 |
| 1060D | Yellow | 167 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 8,370 | 33,606 | \$2,352 | 30,245 | 122,085 | \$9,900 | 55,685 | 2,840 | 60,139 | 11 | 135 | 3.5 | 1,052 | 18.2 |
| 1060D | Yellow | 168 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 8,370 | 33,606 | \$2,352 | 30,245 | 122,085 | \$9,900 | 55,685 | 2,840 | 60,139 | 11 | 135 | 3.5 | 1,052 | 18.2 |
| 1060D | Yellow | 169 | 888 | 8.50 | 88,479 | \$7,548 | 25,440 | 7,905 | 31,739 | \$2,222 | 28,565 | 120,218 | \$9,770 | 54,004 | 2,754 | 58,325 | 10 | 131 | 3.3 | 1,021 | 17.7 |
| 1135B | Yellow | 101 | 2510 | 6.50 | 191,248 | \$16,315 | 54,988 | 16,740 | 67,211 | \$4,705 | 60,490 | 258,459 | \$21,020 | 115,478 | 5,889 | 124,716 | 22 | 280 | 7.2 | 2,183 | 37.8 |
| 1135C | Yellow | 101 | 2510 | 6.50 | 191,248 | \$16,315 | 54,988 | - | - | \$0 | - | 191,248 | \$16,315 | 54,988 | 2,804 | 59,387 | 11 | 133 | 3.4 | 1,039 | 18.0 |
| Yellow GHs (Dimock, VI | | | 20563 | | 2,018,608 | \$172,204 | 580,390 | 120,900 | 485,414 | \$33,979 | 436,872 | 2,504,021 | \$206,182 | 1,017,262 | 51,880 | 1,098,643 | 197 | 2,467 | 63.1 | 19,226 | 332.6 |
| 1068B | Red | 150A | 870 | 7.50 | 76,488 | \$6,525 | 21,992 | 15,024 | 60,321 | \$4,222 | 54,289 | 136,809 | \$10,747 | 76,281 | 3,890 | 82,383 | 15 | 185 | 4.7 | 1,442 | 24.9 |
| 1068B | Red | 150C | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | 15,024 | 60,321 | \$4,222 | 54,289 | 136,281 | \$10,702 | 76,129 | 3,883 | 82,220 | 15 | 185 | 4.7 | 1,439 | 24.9 |
| 1068B | Red | 150E | 879 | 7.50 | 77,279 | \$6,593 | 22,219 | 17,400 | 69,861 | \$4,890 | 62,875 | 147,140 | \$11,483 | 85,094 | 4,340 | 91,902 | 16 | 206 | 5.3 | 1,608 | 27.8 |
| 1068B | Red | 150G | 894 | 7.50 | 78,598 | \$6,705 | 22,598 | 17,400 | 69,861 | \$4,890 | 62,875 | 148,459 | \$11,595 | 85,473 | 4,359 | 92,311 | 17 | 207 | 5.3 | 1,615 | 27.9 |
| 1068B | Red | 151A | 870 | 7.50 | 76,488 | \$6,525 | 21,992 | 15,024 | 60,321 | \$4,222 | 54,289 | 136,809 | \$10,747 | 76,281 | 3,890 | 82,383 | 15 | 185 | 4.7 | 1,442 | 24.9 |
| 1068B | Red | 151C | 879 | 7.50 | 77,279 | \$6,593 | 22,219 | 15,024 | 60,321 | \$4,222 | 54,289 | 137,600 | \$10,815 | 76,508 | 3,902 | 82,629 | 15 | 186 | 4.7 | 1,446 | 25.0 |
| 1068B | Red | 151E | 1777 | 7.50 | 156,228 | \$13,328 | 44,919 | 30,048 | 120,643 | \$8,445 | 108,578 | 276,871 | \$21,772 | 153,497 | 7,828 | 165,777 | 30 | 372 | 9.5 | 2,901 | 50.2 |
| 1068B | Red | 152A | 864 | 7.50 | 75,960 | \$6,480 | 21,840 | 15,024 | 60,321 | \$4,222 | 54,289 | 136,281 | \$10,702 | 76,129 | 3,883 | 82,220 | 15 | 185 | 4.7 | 1,439 | 24.9 |
| 1068B | Red | 152C | 880 | 7.50 | 77,367 | \$6,600 | 22,244 | 15,024 | 60,321 | \$4,222 | 54,289 | 137,688 | \$10,822 | 76,534 | 3,903 | 82,656 | 15 | 186 | 4.7 | 1,446 | 25.0 |
| 1068B | Red | 152E | 880 | 7.50 | 77,367 | \$6,600 | 22,244 | 17,400 | 69,861 | \$4,890 | 62,875 | 147,228 | \$11,490 | 85,119 | 4,341 | 91,929 | 16 | 206 | 5.3 | 1,609 | 27.8 |
| 1068B | Red | 152G | 894 | 7.50 | 78,598 | \$6,705 | 22,598 | 17,400 | 69,861 | \$4,890 | 62,875 | 148,459 | \$11,595 | 85,473 | 4,359 | 92,311 | 17 | 207 | 5.3 | 1,615 | 27.9 |
| 1068B | Red | 153A | 1780 | 7.50 | 156,492 | \$13,350 | 44,994 | 30,048 | 120,643 | \$8,445 | 108,578 | 277,134 | \$21,795 | 153,573 | 7,832 | 165,859 | 30 | 372 | 9.5 | 2,903 | 50.2 |
| 1068B | Red | 153E | 1777 | 7.50 | 156,228 | \$13,328 | 44,919 | 30,048 | 120,643 | \$8,445 | 108,578 | 276,871 | \$21,772 | 153,497 | 7,828 | 165,777 | 30 | 372 | 9.5 | 2,901 | 50.2 |
| 1068B | Red | 154A | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 154C | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 154E | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 154G | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 155A | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 155C | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 155E | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 155G | 792 | 5.50 | 51,062 | \$4,356 | 14,681 | 18,600 | 74,679 | \$5,228 | 67,211 | 125,741 | \$9,584 | 81,892 | 4,177 | 88,444 | 16 | 199 | 5.1 | 1,548 | 26.8 |
| 1068B | Red | 156B | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 156D | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 156F | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 156H | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 157B | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 157D | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 157F | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |

CUAES Greenhouses - Energy Consumption and Equivalents

| Using Cornell CO ₂ Emissions data | | | | Heating | | | | Lighting | | | | TOTAL Energy Consumption and CO ₂ Equivalents | | | | | | | | | |
|--|-------------|------|--------------------------|-------------------------|----------------------------|---------------------------------|--------------------------------------|--------------------|------------------------|------------------------|--------------------------------------|--|--------------------|--------------------------------------|----------------|------------------|-----------------------------------|-------------------------------|-------------------------|---------------------------|----------------------------------|
| Facility Code | Range color | Room | Gross \$/ft ² | Cost \$/ft ² | Annual kWh heat equivalent | Annual cost @ \$27.00/ Klbs stm | Annual Lbs CO ₂ emissions | HID Watts GH Total | Annual kWh (11hr days) | Annual cost \$0.07/kWh | Annual Lbs CO ₂ emissions | Annual kWh energy equivalent | Annual cost | Annual Lbs CO ₂ emissions | Gallons of gas | Miles driven | 2-way car trips Ithaca to Seattle | 2-way car trips Ithaca to NYC | Homes electricity usage | Propane cylinders for BBQ | Acres forest sequestering carbon |
| 1068B | Red | 157H | 588 | 5.50 | 37,910 | \$3,234 | 10,900 | 14,880 | 59,743 | \$4,182 | 53,769 | 97,653 | \$7,416 | 64,669 | 3,298 | 69,842 | 13 | 157 | 4.0 | 1,222 | 21.1 |
| 1068B | Red | 160 | 3312 | 5.50 | 213,532 | \$18,216 | 61,395 | 50,625 | 203,259 | \$14,228 | 182,933 | 416,791 | \$32,444 | 244,328 | 12,461 | 263,874 | 47 | 592 | 15.1 | 4,618 | 79.9 |
| 1068B | Red | 161A | 884 | 7.50 | 77,718 | \$6,630 | 22,346 | 15,024 | 60,321 | \$4,222 | 54,289 | 138,040 | \$10,852 | 76,635 | 3,908 | 82,766 | 15 | 186 | 4.8 | 1,448 | 25.1 |
| 1068B | Red | 161C | 884 | 7.50 | 77,718 | \$6,630 | 22,346 | 15,024 | 60,321 | \$4,222 | 54,289 | 138,040 | \$10,852 | 76,635 | 3,908 | 82,766 | 15 | 186 | 4.8 | 1,448 | 25.1 |
| 1068B | Red | 161E | 884 | 7.50 | 77,718 | \$6,630 | 22,346 | 17,400 | 69,861 | \$4,890 | 62,875 | 147,579 | \$11,520 | 85,220 | 4,346 | 92,038 | 17 | 207 | 5.3 | 1,611 | 27.9 |
| 1068B | Red | 161G | 893 | 7.50 | 78,510 | \$6,698 | 22,573 | 17,400 | 69,861 | \$4,890 | 62,875 | 148,371 | \$11,588 | 85,448 | 4,358 | 92,284 | 17 | 207 | 5.3 | 1,615 | 27.9 |
| 1068B | Red | 163A | 884 | 7.50 | 77,718 | \$6,630 | 22,346 | 17,400 | 69,861 | \$4,890 | 62,875 | 147,579 | \$11,520 | 85,220 | 4,346 | 92,038 | 17 | 207 | 5.3 | 1,611 | 27.9 |
| 1068B | Red | 163C | 884 | 7.50 | 77,718 | \$6,630 | 22,346 | 17,400 | 69,861 | \$4,890 | 62,875 | 147,579 | \$11,520 | 85,220 | 4,346 | 92,038 | 17 | 207 | 5.3 | 1,611 | 27.9 |
| 1068B | Red | 163E | 884 | 7.50 | 77,718 | \$6,630 | 22,346 | 17,400 | 69,861 | \$4,890 | 62,875 | 147,579 | \$11,520 | 85,220 | 4,346 | 92,038 | 17 | 207 | 5.3 | 1,611 | 27.9 |
| 1068B | Red | 163G | 893 | 7.50 | 78,510 | \$6,698 | 22,573 | 15,024 | 60,321 | \$4,222 | 54,289 | 138,831 | \$10,920 | 76,862 | 3,920 | 83,011 | 15 | 186 | 4.8 | 1,453 | 25.1 |
| 1068B | Red | 164 | 2568 | 6.50 | 195,667 | \$16,692 | 56,258 | - | - | \$0 | - | 195,667 | \$16,692 | 56,258 | 2,869 | 60,759 | 11 | 136 | 3.5 | 1,063 | 18.4 |
| 1068B | Red | 165A | 1762 | 7.50 | 154,909 | \$13,215 | 44,539 | 30,048 | 120,643 | \$8,445 | 108,578 | 275,552 | \$21,660 | 153,118 | 7,809 | 165,367 | 30 | 371 | 9.5 | 2,894 | 50.1 |
| 1068B | Red | 165E | 1779 | 7.50 | 156,404 | \$13,343 | 44,969 | 30,048 | 120,643 | \$8,445 | 108,578 | 277,046 | \$21,787 | 153,548 | 7,831 | 165,831 | 30 | 372 | 9.5 | 2,902 | 50.2 |
| 1068B | Red | 166 | 2566 | 6.50 | 195,515 | \$16,679 | 56,214 | 2,130 | 8,552 | \$599 | 7,697 | 204,067 | \$17,278 | 63,911 | 3,259 | 69,024 | 12 | 155 | 4.0 | 1,208 | 20.9 |
| 1068B | Red | 167A | 1762 | 7.50 | 154,909 | \$13,215 | 44,539 | 30,048 | 120,643 | \$8,445 | 108,578 | 275,552 | \$21,660 | 153,118 | 7,809 | 165,367 | 30 | 371 | 9.5 | 2,894 | 50.1 |
| 1068B | Red | 167E | 578 | 7.50 | 50,816 | \$4,335 | 14,611 | 8,700 | 34,931 | \$2,445 | 31,437 | 85,746 | \$6,780 | 46,048 | 2,348 | 49,732 | 9 | 112 | 2.9 | 870 | 15.1 |
| 1068B | Red | 167G | 593 | 7.50 | 52,135 | \$4,448 | 14,990 | 8,700 | 34,931 | \$2,445 | 31,437 | 87,065 | \$6,893 | 46,427 | 2,368 | 50,141 | 9 | 113 | 2.9 | 877 | 15.2 |
| 1068B | Red | 167J | 586 | 7.50 | 51,519 | \$4,395 | 14,813 | 8,700 | 34,931 | \$2,445 | 31,437 | 86,450 | \$6,840 | 46,250 | 2,359 | 49,950 | 9 | 112 | 2.9 | 874 | 15.1 |
| 1068E | Red | 180A | 224 | 7.00 | 18,380 | \$1,568 | 5,285 | 1,080 | 4,336 | \$304 | 3,903 | 22,717 | \$1,872 | 9,187 | 469 | 9,922 | 2 | 22 | 0.6 | 174 | 3.0 |
| 1068F | Red | 181A | 224 | 7.00 | 18,380 | \$1,568 | 5,285 | 1,260 | 5,059 | \$354 | 4,553 | 23,439 | \$1,922 | 9,838 | 502 | 10,625 | 2 | 24 | 0.6 | 186 | 3.2 |
| 1068G | Red | 182A | 224 | 7.00 | 18,380 | \$1,568 | 5,285 | 2,790 | 11,202 | \$784 | 10,082 | 29,582 | \$2,352 | 15,366 | 784 | 16,596 | 3 | 37 | 1.0 | 290 | 5.0 |
| 1068H | Red | 183A | 224 | 7.00 | 18,380 | \$1,568 | 5,285 | 1,080 | 4,336 | \$304 | 3,903 | 22,717 | \$1,872 | 9,187 | 469 | 9,922 | 2 | 22 | 0.6 | 174 | 3.0 |
| 1068J | Red | 184A | 224 | 7.00 | 18,380 | \$1,568 | 5,285 | 1,080 | 4,336 | \$304 | 3,903 | 22,717 | \$1,872 | 9,187 | 469 | 9,922 | 2 | 22 | 0.6 | 174 | 3.0 |
| 1068K | Red | 101A | 796 | 5.50 | 51,320 | \$4,378 | 14,755 | 7,440 | 29,872 | \$2,091 | 26,884 | 81,191 | \$6,469 | 41,640 | 2,124 | 44,971 | 8 | 101 | 2.6 | 787 | 13.6 |
| 1068K | Red | 101B | 796 | 5.50 | 51,320 | \$4,378 | 14,755 | 7,440 | 29,872 | \$2,091 | 26,884 | 81,191 | \$6,469 | 41,640 | 2,124 | 44,971 | 8 | 101 | 2.6 | 787 | 13.6 |
| 1068K | Red | 101C | 796 | 5.50 | 51,320 | \$4,378 | 14,755 | 7,440 | 29,872 | \$2,091 | 26,884 | 81,191 | \$6,469 | 41,640 | 2,124 | 44,971 | 8 | 101 | 2.6 | 787 | 13.6 |
| Red GHs (Guterman) | | | 51252 | | 4,046,699 | \$345,216 | 1,163,506 | 848,409 | 3,406,362 | \$238,445 | 3,065,726 | 7,453,061 | \$583,661 | 4,229,232 | 215,691 | 4,567,570 | 819 | 10,255 | 262.2 | 79,932 | 1,383.0 |
| 1905 | Gray | 110 | 1110 | 8.50 | 110,599 | \$9,435 | 31,799 | 17,520 | 70,343 | \$4,924 | 63,309 | 180,942 | \$14,359 | 95,108 | 4,851 | 102,717 | 18 | 231 | 5.9 | 1,798 | 31.1 |
| 1905 | Gray | 111 | 1110 | 8.50 | 110,599 | \$9,435 | 31,799 | 19,710 | 79,136 | \$5,539 | 71,222 | 189,735 | \$14,974 | 103,022 | 5,254 | 111,263 | 20 | 250 | 6.4 | 1,947 | 33.7 |
| 1905 | Gray | 112 | 1110 | 8.50 | 110,599 | \$9,435 | 31,799 | 17,520 | 70,343 | \$4,924 | 63,309 | 180,942 | \$14,359 | 95,108 | 4,851 | 102,717 | 18 | 231 | 5.9 | 1,798 | 31.1 |
| Gray GHs (Muenscher) | | | 3330 | | 331,798 | \$28,305 | 95,398 | 54,750 | 219,821 | \$15,387 | 197,839 | 551,619 | \$43,692 | 293,237 | 14,955 | 316,696 | 57 | 711 | 18.2 | 5,542 | 95.9 |
| 1910A | Orange | 101 | 1490 | 6.50 | 113,530 | \$9,685 | 32,642 | - | - | \$0 | - | 113,530 | \$9,685 | 32,642 | 1,665 | 35,253 | 6 | 79 | 2.0 | 617 | 10.7 |
| 1913 | Orange | 101 | 2592 | 6.00 | 182,304 | \$15,552 | 52,416 | 13,950 | 56,009 | \$3,921 | 50,408 | 238,313 | \$19,473 | 102,824 | 5,244 | 111,050 | 20 | 249 | 6.4 | 1,943 | 33.6 |
| 1913 | Orange | 101A | 2592 | 6.00 | 182,304 | \$15,552 | 52,416 | 14,880 | 59,743 | \$4,182 | 53,769 | 242,047 | \$19,734 | 106,185 | 5,415 | 114,680 | 21 | 257 | 6.6 | 2,007 | 34.7 |
| 1915 | Orange | 101 | 2592 | 6.50 | 197,496 | \$16,848 | 56,784 | 26,715 | 107,261 | \$7,508 | 96,535 | 304,757 | \$24,356 | 153,319 | 7,819 | 165,584 | 30 | 372 | 9.5 | 2,898 | 50.1 |
| 1916 | Orange | 101 | 2592 | 6.50 | 197,496 | \$16,848 | 56,784 | 18,135 | 72,812 | \$5,097 | 65,531 | 270,308 | \$21,945 | 122,315 | 6,238 | 132,100 | 24 | 297 | 7.6 | 2,312 | 40.0 |
| 1917 | Orange | 101 | 2592 | | - | \$0 | - | - | - | \$0 | - | - | \$0 | - | - | - | - | - | - | - | - |
| Orange GHs | | | 14450 | | 873,130 | \$74,485 | 251,042 | 73,680 | 295,825 | \$20,708 | 266,243 | 1,168,955 | \$95,193 | 517,285 | 26,382 | 558,667 | 100 | 1,254 | 32.1 | 9,777 | 169.2 |
| TOTAL ALL GHs | | | 144624 | | 11,706,690 | \$998,675 | 3,365,905 | 1,564,129 | 6,279,978 | \$439,598 | 5,651,980 | 17,986,668 | \$1,438,273 | 9,017,885 | 459,912 | 9,739,316 | 1,746 | 21,866 | 559.1 | 170,438 | 2,948.8 |