

# STATEMENT OF ENERGY PERFORMANCE

DNRC-CLO Helibase Housing  
7975 North Montana Avenue  
Helena, MT 59602

Date: 11/30/2023  
Year Built: 1991  
Parent: DNRC Central Land Office

|                     | <b>Baseline:</b> | <b>2014</b> | <b>2017</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Current:</b> |
|---------------------|------------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| Energy Date:        | 12/31/2007       | 12/31/2014  | 12/31/2017  | 12/31/2019  | 12/31/2020  | 12/31/2021  | 12/31/2022      |
| Energy Star Score:  | N/A              | N/A         | N/A         | N/A         | N/A         | N/A         | N/A             |
| Gross Floor Area:   | 300              | 2,092       | 2,092       | 2,092       | 2,092       | 2,092       | 2,092 Sq. Ft.   |
| Heating Degree Days | 6778             | 7428        | 7862        | 8591        | 6940        | 6908        | 7804            |
| Cooling Degree Days | 730              | 469         | 731         | 398         | 506         | 792         | 720             |

## Reported Annual Energy Use:

|                      |       |        |        |        |        |        |               |
|----------------------|-------|--------|--------|--------|--------|--------|---------------|
| Site Energy Use:     | 22.7  | 89.8   | 92.5   | 148.2  | 142.3  | 172.6  | 120.6 MBTU    |
| Site EUI:            | 75.5  | 42.9   | 44.2   | 70.8   | 68.0   | 82.5   | 57.7 kBTU/ft2 |
| Electricity:         | 6,641 | 26,319 | 27,112 | 43,435 | 41,716 | 50,599 | 35,349 kWh    |
| Max Electric Demand: | N/A   | 18.5   | 16.5   | 20.5   | 21.1   | 22.6   | 16.8 kW       |
| Natural Gas:         | N/A   | N/A    | N/A    | N/A    | N/A    | N/A    | N/A Therms    |

## Reported Annual Energy Cost:

|                       |        |         |         |         |         |         |         |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|
| Electricity Cost:     | \$685  | \$3,493 | \$3,593 | \$5,407 | \$5,374 | \$6,345 | \$4,983 |
| Electric Demand Cost: | N/A    | \$1,410 | \$1,409 | \$1,959 | \$2,012 | N/A     | N/A     |
| Natural Gas Cost:     | N/A    | N/A     | N/A     | N/A     | N/A     | N/A     | N/A     |
| Total Energy Cost:    | \$685  | \$3,493 | \$3,593 | \$5,407 | \$5,374 | \$6,345 | \$4,983 |
| Energy Cost/ft2       | \$2.28 | \$1.67  | \$1.72  | \$2.58  | \$2.57  | \$3.03  | \$2.38  |

## Weather Normalized Energy Use:

|                  |       |        |        |        |        |        |               |
|------------------|-------|--------|--------|--------|--------|--------|---------------|
| Site Energy Use: | 22.9  | 89.8   | 82.4   | 148.2  | 142.3  | 172.6  | 120.8 MBTU    |
| Site EUI:        | 76.2  | 42.9   | 39.4   | 70.8   | 68.0   | 82.5   | 57.8 kBTU/ft2 |
| Electricity:     | 6,702 | 26,319 | 24,153 | 43,435 | 41,716 | 50,599 | 35,410 kWh    |
| Natural Gas:     | N/A   | N/A    | N/A    | N/A    | N/A    | N/A    | N/A Therms    |

## National Median Energy Use:

|                  |      |      |      |      |      |      |               |
|------------------|------|------|------|------|------|------|---------------|
| Site Energy Use: | 12.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 kBTU     |
| Site EUI:        | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 kBTU/ft2 |

## % Difference from National Median:

|           |       |      |      |       |       |       |       |
|-----------|-------|------|------|-------|-------|-------|-------|
| Site EUI: | 79.1% | 1.8% | 4.8% | 68.0% | 61.3% | 95.7% | 36.7% |
|-----------|-------|------|------|-------|-------|-------|-------|

## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

|                     |     |      |     |      |      |      |      |
|---------------------|-----|------|-----|------|------|------|------|
| Direct Emissions:   | N/A | N/A  | N/A | N/A  | N/A  | N/A  | N/A  |
| Indirect Emissions: | 2.6 | 10.9 | 8.1 | 14.2 | 11.4 | 14.7 | 10.2 |
| Total Emissions:    | 2.6 | 10.9 | 8.1 | 14.2 | 11.4 | 14.7 | 10.2 |

## National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

|                  |     |      |     |     |     |     |     |
|------------------|-----|------|-----|-----|-----|-----|-----|
| Total Emissions: | 1.5 | 10.7 | 7.7 | 8.4 | 7.1 | 7.5 | 7.5 |
|------------------|-----|------|-----|-----|-----|-----|-----|

## Adjusted Energy Based on Current Year:

|                  |     |     |     |     |     |     |              |
|------------------|-----|-----|-----|-----|-----|-----|--------------|
| Site Energy Use: | N/A | N/A | N/A | N/A | N/A | N/A | N/A kBTU     |
| Site EUI:        | N/A | N/A | N/A | N/A | N/A | N/A | N/A kBTU/ft2 |

## % Difference Adjusted Site Energy Use

|                     |     |   |
|---------------------|-----|---|
| 2014 to Baseline    | N/A | <b>Note:</b> N/A has meanings as follows:<br>Energy Star Score: Not available for this type of property<br>Adjusted Energy Use: Not available for this property<br>Most other data: Not available due to insufficient or missing data |
| 2017 to Baseline    | N/A |   |
| 2019 to Baseline    | N/A |   |
| 2020 to Baseline    | N/A |   |
| 2021 to Baseline    | N/A |   |
| Current to Baseline | N/A |   |
| 2021 to 2022        | N/A |   |