

# STATEMENT OF ENERGY PERFORMANCE

Montana Development Center  
310 East 4th Street  
Boulder, MT 59632

Date: 11/27/2023  
Year Built: 1950  
Parent: Montana Development Center

|                     | <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:   | 169,429          | 175,949     | 175,949     | 175,949     | 175,949     | 175,949     | 175,949 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:     | 25738.5   | 19680.4   | 18005.1   | 17368.8 | 14694.8 | 14187.3 | 13695.9 MBTU   |
| Site EUI:            | 151.9     | 111.9     | 102.3     | 98.7    | 83.5    | 80.6    | 77.8 kBTU/ft2  |
| Electricity:         | 1,742,227 | 1,328,952 | 1,207,533 | 955,112 | 732,072 | 593,281 | 209,524 kWh    |
| Max Electric Demand: | 174.0     | 81.2      | 82.8      | 88.4    | 44.8    | 58.4    | 35.0 kW        |
| Natural Gas:         | 197,940   | 151,460   | 138,850   | 141,100 | 121,970 | 121,630 | 129,810 Therms |

## Reported Annual Energy Cost:

|                       |           |           |           |           |           |           |           |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Electricity Cost:     | \$153,607 | \$134,939 | \$126,853 | \$96,663  | \$81,210  | \$64,153  | \$23,431  |
| Electric Demand Cost: | \$38,047  | \$28,764  | \$29,851  | \$24,892  | \$20,602  | N/A       | N/A       |
| Natural Gas Cost:     | \$190,957 | \$103,138 | \$92,750  | \$65,977  | \$60,918  | \$67,370  | \$77,996  |
| Total Energy Cost:    | \$344,563 | \$238,078 | \$219,603 | \$162,641 | \$142,128 | \$131,524 | \$101,427 |
| Energy Cost/ft2       | \$2.03    | \$1.35    | \$1.25    | \$0.92    | \$0.81    | \$0.75    | \$0.58    |

## Weather Normalized Energy Use:

|                  |           |           |           |         |         |         |                |
|------------------|-----------|-----------|-----------|---------|---------|---------|----------------|
| Site Energy Use: | 27677.3   | 19883.6   | 17847.5   | 15988.8 | 15680.6 | 15307.9 | 13722.3 MBTU   |
| Site EUI:        | 163.4     | 113.0     | 101.4     | 90.9    | 89.1    | 87.0    | 78.0 kBTU/ft2  |
| Electricity:     | 1,755,254 | 1,328,952 | 1,207,533 | 955,112 | 732,072 | 593,281 | 209,524 kWh    |
| Natural Gas:     | 216,883   | 153,492   | 137,274   | 127,300 | 131,827 | 132,836 | 130,074 Therms |

## National Median Energy Use:

|                  |         |         |         |         |         |         |               |
|------------------|---------|---------|---------|---------|---------|---------|---------------|
| Site Energy Use: | 12525.1 | 13015.8 | 13040.4 | 13722.6 | 14037.1 | 14553.1 | 16572.1 kBTU  |
| Site EUI:        | 73.9    | 74.0    | 74.1    | 78.0    | 79.8    | 82.7    | 94.2 kBTU/ft2 |

## % Difference from National Median:

|           |        |       |       |       |      |       |        |
|-----------|--------|-------|-------|-------|------|-------|--------|
| Site EUI: | 105.5% | 51.2% | 38.1% | 26.6% | 4.7% | -2.5% | -17.4% |
|-----------|--------|-------|-------|-------|------|-------|--------|

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

|                     |        |        |        |        |       |       |       |
|---------------------|--------|--------|--------|--------|-------|-------|-------|
| Direct Emissions:   | 1050.5 | 804.5  | 737.5  | 749.4  | 647.8 | 646.0 | 689.5 |
| Indirect Emissions: | 682.3  | 550.6  | 359.0  | 311.9  | 200.5 | 171.8 | 60.7  |
| Total Emissions:    | 1732.8 | 1355.1 | 1096.5 | 1061.3 | 848.3 | 817.9 | 750.2 |

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

|                  |       |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| Total Emissions: | 843.2 | 896.2 | 794.1 | 838.5 | 810.4 | 838.9 | 907.7 |
|------------------|-------|-------|-------|-------|-------|-------|-------|

## 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 |                                                                                                                                                                                                                                       |