

# STATEMENT OF ENERGY PERFORMANCE

DEQ-Mill Gulch Pumphouse  
 Mine site  
 Zortman, MT 59546

Date: 11/30/2023  
 Year Built: 2000  
 Parent: DEQ-Zortman-Landusky Mine

|                     | <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:   | 192              | 192         | 192         | 192         | 192         | 192         | 192 Sq. Ft.     |
| Heating Degree Days | 7661             | 8314        | 7985        | 9297        | 7803        | 7811        | 8341            |
| Cooling Degree Days | 610              | 411         | 602         | 339         | 459         | 711         | 696             |

## Reported Annual Energy Use:

|                      |         |         |     |         |         |        |                |
|----------------------|---------|---------|-----|---------|---------|--------|----------------|
| Site Energy Use:     | 292.3   | 237.1   | N/A | 324.5   | 246.9   | 178.8  | 154.1 MBTU     |
| Site EUI:            | 1,522.6 | 1,234.9 | N/A | 1,690.3 | 1,286.0 | 931.1  | 802.4 kBTU/ft2 |
| Electricity:         | 85,680  | 69,491  | N/A | 95,118  | 72,368  | 52,398 | 45,150 kWh     |
| Max Electric Demand: | 52.2    | 53.8    | N/A | 81.6    | 51.6    | N/A    | 51.4 kW        |
| Natural Gas:         | N/A     | N/A     | N/A | N/A     | N/A     | N/A    | N/A Therms     |

## Reported Annual Energy Cost:

|                       |         |          |     |          |          |         |         |
|-----------------------|---------|----------|-----|----------|----------|---------|---------|
| Electricity Cost:     | \$8,138 | \$11,832 | N/A | \$16,038 | \$12,152 | \$9,033 | \$9,500 |
| Electric Demand Cost: | \$2,175 | \$4,260  | N/A | \$5,259  | \$4,522  | N/A     | N/A     |
| Natural Gas Cost:     | N/A     | N/A      | N/A | N/A      | N/A      | N/A     | N/A     |
| Total Energy Cost:    | \$8,138 | \$11,832 | N/A | \$16,038 | \$12,152 | \$9,033 | \$9,500 |
| Energy Cost/ft2       | \$42.39 | \$61.62  | N/A | \$83.53  | \$63.29  | \$47.05 | \$49.48 |

## Weather Normalized Energy Use:

|                  |         |         |     |         |         |        |                |
|------------------|---------|---------|-----|---------|---------|--------|----------------|
| Site Energy Use: | 292.3   | 237.1   | N/A | 324.5   | 246.9   | 178.8  | 154.1 MBTU     |
| Site EUI:        | 1,522.6 | 1,234.9 | N/A | 1,690.3 | 1,286.0 | 931.1  | 802.4 kBTU/ft2 |
| Electricity:     | 85,680  | 69,491  | N/A | 95,118  | 72,368  | 52,398 | 45,150 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: | 6.1  | 6.1  | 7.7  | 6.1  | 6.1  | 6.1  | 6.1 kBTU      |
| Site EUI:        | 31.9 | 31.9 | 40.1 | 31.9 | 31.9 | 31.9 | 31.9 kBTU/ft2 |

## % Difference from National Median:

|           |         |         |     |         |         |         |         |
|-----------|---------|---------|-----|---------|---------|---------|---------|
| Site EUI: | 4675.6% | 3773.3% | N/A | 5201.6% | 3933.6% | 2820.5% | 2416.5% |
|-----------|---------|---------|-----|---------|---------|---------|---------|

## 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: | 33.6 | 28.8 | N/A | 31.1 | 19.8 | 15.2 | 13.1 |
| Total Emissions:    | 33.6 | 28.8 | N/A | 31.1 | 19.8 | 15.2 | 13.1 |

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

|                  |     |     |     |     |     |     |     |
|------------------|-----|-----|-----|-----|-----|-----|-----|
| Total Emissions: | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 |
|------------------|-----|-----|-----|-----|-----|-----|-----|

## 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 |   |