# STATEMENT OF ENERGY PERFORMANCE

**DEQ-Ruby Gulch Pumphouse**  
**Zortman-Landusky Mine**  
**Zortman MT 59546**  
**Parent:** DEQ-Zortman-Landusky Mine  

**Date:** 8/24/2021  

**Year Built:** 2000  

**Energy Date:**  
- 12/31/2007  
- 12/31/2012  
- 12/31/2015  
- 12/31/2017  
- 12/31/2018  
- 12/31/2019  
- 12/31/2020  

**Energy Star Score:**  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  

**Gross Floor Area:**  
- 1,296 Sq. Ft.  
- 1,296 Sq. Ft.  
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**Heating Degree Days:**  
- 7661  
- 7622  
- 7468  
- 7985  
- 9021  
- 9297  
- 7803  

**Cooling Degree Days:**  
- 610  
- 559  
- 462  
- 602  
- 450  
- 339  
- 459  

### Reported Annual Energy Use:

**Site Energy Use:**  
- 571.6 MBTU  
- N/A  
- 522.8 MBTU  
- N/A  
- 525.4 MBTU  
- 713.7 MBTU  
- 576.2 MBTU  

**Site EUI:**  
- 441,077 BTU/ft²  
- N/A  
- 403,368 BTU/ft²  
- N/A  
- 405,380 BTU/ft²  
- 550,702 BTU/ft²  
- 444,581 BTU/ft²  

**Electricity:**  
- 167,537 kWh  
- N/A  
- 153,214 kWh  
- N/A  
- 153,978 kWh  
- 209,176 kWh  
- 168,868 kWh  

**Max Electric Demand:**  
- 196.0 kW  
- N/A  
- 76.7 kW  
- N/A  
- 157.4 kW  
- 183.4 kW  
- 75.4 kW  

**Natural Gas:**  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  

**Electricity Cost:**  
- $20,216  
- N/A  
- $28,987  
- N/A  
- $29,188  
- $37,989  
- $28,088  

**Electric Demand Cost:**  
- $9,013  
- N/A  
- $14,763  
- N/A  
- $14,081  
- $17,744  
- $13,267  

**Natural Gas Cost:**  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  

**Total Energy Cost:**  
- $20,216  
- N/A  
- $28,987  
- N/A  
- $29,188  
- $37,989  
- $28,088  

**Energy Cost/ft²:**  
- $15.598  
- N/A  
- $22.366  
- N/A  
- $22.521  
- $29.313  
- $21.673  

### Weather Normalized Energy Use:

**Site Energy Use:**  
- 571.6 MBTU  
- N/A  
- 522.8 MBTU  
- N/A  
- 525.4 MBTU  
- 713.7 MBTU  
- 576.2 MBTU  

**Site EUI:**  
- 441,077 BTU/ft²  
- N/A  
- 403,368 BTU/ft²  
- N/A  
- 405,380 BTU/ft²  
- 550,702 BTU/ft²  
- 444,581 BTU/ft²  

**Electricity:**  
- 167,537 kWh  
- N/A  
- 153,214 kWh  
- N/A  
- 153,978 kWh  
- 209,176 kWh  
- 168,868 kWh  

**Max Electric Demand:**  
- 196.0 kW  
- N/A  
- 76.7 kW  
- N/A  
- 157.4 kW  
- 183.4 kW  
- 75.4 kW  

**Natural Gas:**  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  
- N/A Therms  

### National Median Energy Use:

**Site Energy Use:**  
- 41.3 MBTU  
- 52.0 MBTU  
- 41.3 MBTU  
- 52.0 MBTU  
- 41.3 MBTU  
- 41.3 MBTU  
- 41.3 MBTU  

**Site EUI:**  
- 31,883 BTU/ft²  
- 40,087 BTU/ft²  
- 31,883 BTU/ft²  
- 40,087 BTU/ft²  
- 31,883 BTU/ft²  
- 31,883 BTU/ft²  
- 31,883 BTU/ft²  

### % Difference from National Median:

**Site EUI:**  
- 1283.42%  
- 1165.14%  
- 1171.46%  
- 1627.25%  
- 1294.41%  

### 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:**  
- 48.9  
- 80.2  
- 44.7  
- N/A  
- 44.9  
- 61.0  
- 49.3  

**Total Emissions:**  
- 48.9  
- N/A  
- 44.7  
- N/A  
- 44.9  
- 61.0  
- 49.3  

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

**Total Emissions:**  
- 3.5  
- 3.7  
- 3.5  
- 3.7  
- 3.5  
- 3.5  
- 3.5  

### Adjusted Energy Based on Current Year:

**Site Energy Use:**  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  

**Site EUI:**  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A  
- N/A Therms  

**% Difference Adjusted Site Energy Use**

**2012 to Baseline**  
- N/A  

**2015 to Baseline**  
- N/A  

**2017 to Baseline**  
- N/A  

**2018 to Baseline**  
- N/A  

**2019 to Baseline**  
- N/A  

**Current to Baseline**  
- N/A  

**2019 to 2020**  
- N/A  

**Note:** N/A has meanings as follows:
- Energy Star Score: Not available for this type of property
- Adjusted Energy Use: Not available for this property
- Most other data: Not available due to insufficient or missing data