

STATEMENT OF ENERGY PERFORMANCE

DEQ-Upper Merrill Crowe Bio Treatment
Mine site
Zortman, MT 59546

Date: 11/30/2023
Year Built: 2001
Parent: DEQ-Zortman-Landusky Mine

	Baseline:	2014	2017	2019	2020	2021	Current:
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:	55,000	55,000	55,000	55,000	55,000	55,000	55,000 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:	991.7	989.9	N/A	1300.8	1132.7	1122.9	1069.5 MBTU
Site EUI:	18.0	18.0	N/A	23.7	20.6	20.4	19.4 kBTU/ft2
Electricity:	290,645	290,120	N/A	381,234	331,974	329,101	313,445 kWh
Max Electric Demand:	83.6	79.9	N/A	73.4	74.6	89.4	62.9 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

Reported Annual Energy Cost:

Electricity Cost:	\$25,973	\$41,729	N/A	\$53,174	\$45,201	\$47,422	\$45,644
Electric Demand Cost:	\$6,891	\$15,481	N/A	\$16,927	\$16,119	N/A	N/A
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$25,973	\$41,729	N/A	\$53,174	\$45,201	\$47,422	\$45,644
Energy Cost/ft2	\$0.47	\$0.76	N/A	\$0.97	\$0.82	\$0.86	\$0.83

Weather Normalized Energy Use:

Site Energy Use:	991.7	989.9	N/A	1300.8	1132.7	1122.9	1069.5 MBTU
Site EUI:	18.0	18.0	N/A	23.7	20.6	20.4	19.4 kBTU/ft2
Electricity:	290,645	290,120	N/A	381,234	331,974	329,101	313,445 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:	1753.6	1753.6	2204.8	1753.6	1753.6	1753.6	1753.6 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:	-43.4%	-43.6%	N/A	-25.8%	-35.4%	-36.0%	-39.0%
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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:	113.8	120.2	N/A	124.5	90.9	95.3	90.8
Total Emissions:	113.8	120.2	N/A	124.5	90.9	95.3	90.8

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

Total Emissions:	201.3	212.9	158.2	167.8	140.7	148.8	148.8
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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
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

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