

STATEMENT OF ENERGY PERFORMANCE

UM Western Emerick Art Studio
710 South Atlantic
Dillon, MT 59725

Date: 11/29/2023
Year Built: 1950
Parent: N/A

	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:	7,590	7,590	7,590	7,590	7,590	7,590	7,590 Sq. Ft.
Heating Degree Days	7701	7518	7784	8075	7884	7366	8154
Cooling Degree Days	454	229	318	337	372	480	637
Reported Annual Energy Use:							
Site Energy Use:	1328.0	615.5	796.8	772.8	701.1	711.8	640.2 MBTU
Site EUI:	175.0	81.1	105.0	101.8	92.4	93.8	84.3 kBTU/ft2
Electricity:	34,212	48,999	74,344	74,036	64,929	59,856	43,730 kWh
Max Electric Demand:	28.0	40.4	42.4	62.8	44.0	40.0	38.8 kW
Natural Gas:	12,113	4,484	5,432	5,202	4,796	5,076	4,910 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$3,835	\$6,255	\$8,549	\$10,249	\$8,685	\$8,120	\$6,877
Electric Demand Cost:	\$1,594	\$2,407	\$2,681	\$4,391	\$3,504	N/A	N/A
Natural Gas Cost:	\$13,107	\$4,572	\$4,563	\$4,095	\$3,916	\$4,832	\$5,214
Total Energy Cost:	\$16,942	\$10,827	\$13,112	\$14,344	\$12,602	\$12,953	\$12,092
Energy Cost/ft2	\$2.23	\$1.43	\$1.73	\$1.89	\$1.66	\$1.71	\$1.59
Weather Normalized Energy Use:							
Site Energy Use:	1328.0	637.6	807.0	769.4	726.5	782.1	655.7 MBTU
Site EUI:	175.0	84.0	106.3	101.4	95.7	103.0	86.4 kBTU/ft2
Electricity:	34,212	48,999	77,338	74,036	67,159	65,369	44,721 kWh
Natural Gas:	12,113	4,705	5,432	5,168	4,974	5,591	5,031 Therms
National Median Energy Use:							
Site Energy Use:	562.9	444.2	421.6	417.7	422.7	436.6	464.8 kBTU
Site EUI:	74.2	58.5	55.5	55.0	55.7	57.5	61.2 kBTU/ft2
% Difference from National Median:							
Site EUI:	135.9%	38.6%	89.0%	85.0%	65.9%	63.1%	37.7%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	64.3	23.8	28.8	27.6	25.5	27.0	26.1
Indirect Emissions:	13.4	20.3	22.1	24.2	17.8	17.3	12.7
Total Emissions:	77.7	44.1	51.0	51.8	43.3	44.3	38.7
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	32.9	31.8	27.0	28.0	26.1	27.2	28.1
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	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					
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						