

STATEMENT OF ENERGY PERFORMANCE

UM Western Emerick Art Studio
 1001 S. Atlantic
 Dillon MT 59725

Date: 8/24/2021
 Year Built: 1950
 Parent: N/A

	Baseline:	2012	2015	2017	2018	2019	Current:
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:	7,590	7,590	7,590	7,590	7,590	7,590	7,590 Sq. Ft.
Heating Degree Days	7701	7079	7098	7784	7488	8075	7884
Cooling Degree Days	454	447	277	318	331	337	372

Reported Annual Energy Use:

Site Energy Use:	1328.0	967.5	508.6	796.8	777.7	772.8	701.9 MBTU
Site EUI:	174,966	127,472	67,003	104,983	102,463	101,817	92,471 BTU/ft2
Electricity:	34,212	64,359	42,506	74,344	76,830	74,036	64,981 kWh
Max Electric Demand:	28.0	56.0	40.4	42.4	48.4	62.8	44.0 kW
Natural Gas:	12,113	7,479	3,635	5,432	5,156	5,202	4,801 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$3,835	\$7,532	\$5,526	\$8,549	\$9,613	\$10,249	\$8,691
Electric Demand Cost:	\$1,594	\$2,841	\$1,957	\$2,681	\$3,714	\$4,391	\$3,506
Natural Gas Cost:	\$13,107	\$6,426	\$3,386	\$4,563	\$4,207	\$4,095	\$3,920
Total Energy Cost:	\$16,942	\$13,958	\$8,912	\$13,112	\$13,820	\$14,344	\$12,611
Energy Cost/ft2	\$2.232	\$1.839	\$1.174	\$1.728	\$1.821	\$1.890	\$1.662

Weather Normalized Energy Use:

Site Energy Use:	1328.0	1077.0	557.1	807.0	820.0	769.4	727.3 MBTU
Site EUI:	174,966	141,891	73,395	106,329	108,034	101,373	95,820 BTU/ft2
Electricity:	34,212	64,359	42,506	77,338	76,830	74,036	67,214 kWh
Natural Gas:	12,113	8,574	4,120	5,432	5,578	5,168	4,979 Therms

National Median Energy Use:

Site Energy Use:	562.9	468.2	437.4	421.6	413.2	417.7	422.7 MBTU
Site EUI:	74,158	61,687	57,630	55,549	54,439	55,037	55,697 BTU/ft2

% Difference from National Median:

Site EUI:	135.94%	106.64%	16.26%	88.99%	88.22%	85.00%	66.02%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	64.3	39.7	19.3	28.8	27.4	27.6	25.5
Indirect Emissions:	10.0	12.6	12.4	21.7	22.4	21.6	19.0
Total Emissions:	74.3	58.5	31.7	50.5	49.8	49.2	44.5

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

Total Emissions:	31.5	28.3	27.3	26.7	26.5	26.6	26.8
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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 MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2

% 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