

STATEMENT OF ENERGY PERFORMANCE

West MT Vets Home Chapel
400 Veterans Dr.
Columbia Falls, MT 59912

Date: 11/22/2023
Year Built: 1917
Parent: Western Montana Veterans Home

	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:	17	31	35	28	37	41	31
Gross Floor Area:	8,803	8,803	8,803	8,803	8,803	8,803	8,803 Sq. Ft.
Heating Degree Days	7475	8025	8158	8349	7606	7442	8363
Cooling Degree Days	371	213	313	136	185	452	276

Reported Annual Energy Use:

Site Energy Use:	783.5	544.1	519.8	556.7	458.2	438.8	501.1 MBTU
Site EUI:	89.0	61.8	59.1	63.2	52.0	49.8	56.9 kBTU/ft2
Electricity:	N/A	10,638	11,573	15,545	13,387	14,502	23,766 kWh
Max Electric Demand:	N/A	6.2	6.9	7.4	7.2	7.7	11.9 kW
Natural Gas:	7,835	5,078	4,803	5,037	4,125	3,893	4,200 Therms

Reported Annual Energy Cost:

Electricity Cost:	N/A	\$1,008	\$1,105	\$1,361	\$1,231	\$1,297	\$1,862
Electric Demand Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natural Gas Cost:	\$8,296	\$4,746	\$3,701	\$3,593	\$3,049	\$3,522	\$4,199
Total Energy Cost:	\$8,296	\$5,755	\$4,806	\$4,954	\$4,280	\$4,819	\$6,061
Energy Cost/ft2	\$0.94	\$0.65	\$0.55	\$0.56	\$0.49	\$0.55	\$0.69

Weather Normalized Energy Use:

Site Energy Use:	830.1	541.7	511.7	537.2	485.8	475.0	490.7 MBTU
Site EUI:	94.3	61.5	58.1	61.0	55.2	54.0	55.7 kBTU/ft2
Electricity:	N/A	10,582	11,412	15,198	13,747	14,993	23,766 kWh
Natural Gas:	8,301	5,056	4,727	4,854	4,389	4,239	4,096 Therms

National Median Energy Use:

Site Energy Use:	452.2	409.1	415.2	394.7	376.6	386.0	370.7 kBTU
Site EUI:	51.4	46.5	47.2	44.8	42.8	43.9	42.1 kBTU/ft2

% Difference from National Median:

Site EUI:	73.3%	33.0%	25.2%	41.0%	21.7%	13.7%	35.2%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	41.6	27.0	25.5	26.8	21.9	20.7	22.3
Indirect Emissions:	N/A	4.4	3.4	5.1	3.7	4.2	6.9
Total Emissions:	41.6	31.4	29.0	31.8	25.6	24.9	29.2

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

Total Emissions:	24.0	23.6	23.1	22.6	21.0	21.9	21.6
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Adjusted Energy Based on Current Year:

Site Energy Use:	815.6	563.4	523.0	572.8	491.1	450.4	501.1 kBTU
Site EUI:	92.7	64.0	59.4	65.1	55.8	51.2	56.9 kBTU/ft2

% Difference Adjusted Site Energy Use

2014 to Baseline	-30.92%
2017 to Baseline	-35.87%
2019 to Baseline	-29.77%
2020 to Baseline	-39.79%
2021 to Baseline	-44.78%
Current to Baseline	-38.56%
2021 to 2022	11.26%

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