

STATEMENT OF ENERGY PERFORMANCE

Old Board of Health
1227 11th Avenue
Helena MT 59620

Date: 8/11/2022
Year Built: 1919
Parent: N/A
Gross Floor Area: 8,604 Sq. Ft

	Baseline:	2013	2016	2018	2019	2020	Current:
Energy Date:	12/31/2007	12/31/2013	12/31/2016	12/31/2018	12/31/2019	12/31/2020	12/31/2021
Energy Star Score:	56	63	61	57	56	63	59
Heating Degree Days	6778	7351	6842	7820	8591	6940	6908
Cooling Degree Days	730	579	474	432	398	506	792

Reported Annual Energy Use:

Site Energy Use:	939.5	886.7	888.3	931.9	1,011.9	890.1	954.3 MBTU
Site EUI:	109.2	103.1	103.2	108.3	117.6	103.4	110.9 kBTU/ft2
Electricity:	25,906	20,545	21,004	27,297	21,533	16,429	16,512 kWh
Max Electric Demand:	15.0	12.2	13.8	12.8	10.8	10.8	9.8 kW
Natural Gas:	8,511	8,166	8,166	8,387	9,384	8,340	8,979 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$2,920	\$2,574	\$2,971	\$3,419	\$2,898	\$2,393	\$2,442
Electric Demand Cost:	\$1,196	\$997	\$1,167	\$1,270	\$1,128	\$1,000	N/A
Natural Gas Cost:	\$9,565	\$6,660	\$5,576	\$5,889	\$6,306	\$5,748	\$7,518
Total Energy Cost:	\$12,485	\$9,234	\$8,547	\$9,308	\$9,204	\$8,141	\$9,959
Energy Cost/ft2	\$1.45	\$1.07	\$0.99	\$1.08	\$1.07	\$0.95	\$1.16

Weather Normalized Energy Use:

Site Energy Use:	1,033.1	904.0	966.9	901.2	910.0	957.2	1,033.5 MBTU
Site EUI:	120.1	105.1	112.4	104.7	105.8	111.3	120.1 kBTU/ft2
Electricity:	26,325	20,545	21,004	27,297	21,533	16,429	16,512 kWh
Natural Gas:	9,433.1	8,339.4	8,952.3	8,080.8	8,365.2	9,011.6	9,771.3 Therms

National Median Energy Use:

Site Energy Use:	1,028	1,061	1,038	1,035	1,097	1,070	1,089 MBTU
Site EUI:	119.5	123.3	120.6	120.2	127.5	124.4	126.6 kBTU/ft2

% Difference from National Median:

Site EUI:	-9%	-16%	-14%	-10%	-8%	-17%	-12%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	45.2	43.4	43.4	44.5	49.8	44.3	47.7
Indirect Emissions:	8.5	6.7	6.9	8.9	7	5.4	5.4
Total Emissions:	53.7	50.1	50.2	53.5	56.9	49.7	53.1

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

Total Emissions:	58.7	59.9	58.7	59.4	61.7	59.7	60.6
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Adjusted Energy Based on Current Year:

Site Energy Use:	945	883	902	923	984	900	954 MBTU
Site EUI:	109.8	102.6	104.9	107.3	114.3	104.6	110.9 kBTU/ft2

% Difference Adjusted Site Energy Use

2013 to Baseline	-6.54%
2016 to Baseline	-4.51%
2018 to Baseline	-2.28%
2019 to Baseline	4.11%
2020 to Baseline	-4.75%
Current to Baseline	0.98%
2020 to 2021	6.01%

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