

STATEMENT OF ENERGY PERFORMANCE

Old Board of Health
1301 East Lockey
Helena, MT 59620

Date: 11/21/2023
Year Built: 1919
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:	56	59	62	56	63	61	55
Gross Floor Area:	8,604	8,604	8,604	8,604	8,604	8,604	8,604 Sq. Ft.
Heating Degree Days	6778	7428	7862	8591	6940	6908	7804
Cooling Degree Days	730	469	731	398	506	792	720
Reported Annual Energy Use:							
Site Energy Use:	939.5	940.2	934.2	1011.9	890.1	931.3	1041.5 MBTU
Site EUI:	109.2	109.3	108.6	117.6	103.4	108.2	121.0 kBTU/ft2
Electricity:	25,906	20,650	18,538	21,533	16,429	16,552	17,236 kWh
Max Electric Demand:	15.0	18.0	14.2	10.8	10.8	9.8	8.8 kW
Natural Gas:	8,511	8,698	8,709	9,384	8,340	8,748	9,827 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$2,920	\$2,758	\$2,724	\$2,898	\$2,393	\$2,457	\$2,555
Electric Demand Cost:	\$1,196	\$1,191	\$1,199	\$1,128	\$1,000	\$32	N/A
Natural Gas Cost:	\$9,565	\$7,807	\$6,424	\$6,306	\$5,748	\$7,487	\$9,300
Total Energy Cost:	\$12,485	\$10,565	\$9,148	\$9,204	\$8,141	\$9,944	\$11,856
Energy Cost/ft2	\$1.45	\$1.23	\$1.06	\$1.07	\$0.95	\$1.16	\$1.38
Weather Normalized Energy Use:							
Site Energy Use:	1033.1	942.1	919.8	910.0	957.2	1007.5	1044.8 MBTU
Site EUI:	120.1	109.5	106.9	105.8	111.3	117.1	121.4 kBTU/ft2
Electricity:	26,325	20,650	18,538	21,533	16,429	16,552	17,236 kWh
Natural Gas:	9,433	8,717	8,566	8,365	9,012	9,511	9,860 Therms
National Median Energy Use:							
Site Energy Use:	1027.9	1063.7	1101.1	1097.3	1070.3	1086.2	1117.7 kBTU
Site EUI:	119.5	123.6	128.0	127.5	124.4	126.2	129.9 kBTU/ft2
% Difference from National Median:							
Site EUI:	-8.6%	-11.6%	-15.2%	-7.8%	-16.8%	-14.3%	-6.8%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	45.2	46.2	46.3	49.8	44.3	46.5	52.2
Indirect Emissions:	10.1	8.6	5.5	7.0	4.5	4.8	5.0
Total Emissions:	55.3	54.8	51.8	56.9	48.8	51.3	57.2
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	60.5	61.9	61.0	61.7	58.7	59.8	61.4
Adjusted Energy Based on Current Year:							
Site Energy Use:	966.3	961.0	932.3	1005.9	920.4	952.2	1041.5 kBTU
Site EUI:	112.3	111.7	108.4	116.9	107.0	110.7	121.0 kBTU/ft2
% Difference Adjusted Site Energy Use							
2014 to Baseline	-0.54%	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	-3.51%						
2019 to Baseline	4.11%						
2020 to Baseline	-4.75%						
2021 to Baseline	-1.45%						
Current to Baseline	7.79%						
2021 to 2022	9.37%						