

STATEMENT OF ENERGY PERFORMANCE

Montana Historical Society
225 N Roberts
Helena MT 59620

Date: 8/11/2022
Year Built: 1950
Parent: N/A
Gross Floor Area: 95,942 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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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:	8,078.8	7,330.2	7,174.3	6,508.5	7,432.0	6,625.4	7,499.4 MBTU
Site EUI:	232.0	198.0	186.4	169.6	172.0	164.0	164.8 kBTU/ft2
Electricity:	685,184	542,856	542,299	501,627	523,748	508,900	681,549 kWh
Max Electric Demand:	232.0	198.0	186.4	169.6	172.0	164.0	164.8 kW
Natural Gas:	57,410	54,780	53,240	47,970	56,450	48,890	51,740 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$59,896	\$55,172	\$58,565	\$51,054	\$56,281	\$54,617	\$70,498
Electric Demand Cost:	\$16,781	\$14,973	\$14,698	\$13,187	\$15,287	\$14,462	N/A
Natural Gas Cost:	\$55,863	\$39,689	\$34,991	\$26,402	\$27,053	\$24,562	\$26,443
Total Energy Cost:	\$115,760	\$94,862	\$93,556	\$77,456	\$83,335	\$79,179	\$96,941
Energy Cost/ft2	\$1.21	\$0.99	\$0.98	\$0.81	\$0.87	\$0.83	\$1.01

Weather Normalized Energy Use:

Site Energy Use:	8,507.1	7,462.7	7,672.7	6,312.9	6,764.4	7,012.4	7,928.4 MBTU
Site EUI:	88.7	77.8	80.0	65.8	70.5	73.1	82.6 kBTU/ft2
Electricity:	662,887	533,569	533,643	497,851	521,691	500,381	668,897 kWh
Natural Gas:	62,454	56,422	58,519	46,143	49,844	53,051	56,461 Therms

National Median Energy Use:

Site Energy Use:	6,904	7,202	7,158	7,116	7,306	7,123	6,747 MBTU
Site EUI:	72	75.1	74.6	74.2	76.2	74.2	70.3 kBTU/ft2

% Difference from National Median:

Site EUI:	17%	2%	0%	-9%	2%	-7%	11%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	304.9	291	282.8	254.8	299.8	259.7	274.8
Indirect Emissions:	223.7	177.3	177.1	163.8	171	166.2	222.5
Total Emissions:	528.7	468.2	459.9	418.6	470.8	425.8	497.4

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

Total Emissions:	451.8	460	458.8	457.6	462.9	457.8	447.5
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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 kBTU/ft2

% Difference Adjusted Site Energy Use

2013 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
2016 to Baseline	N/A	
2018 to Baseline	N/A	
2019 to Baseline	N/A	
2020 to Baseline	N/A	
Current to Baseline	N/A	
2020 to 2021	N/A	