

# STATEMENT OF ENERGY PERFORMANCE

Montana Historical Society  
 225 N Roberts  
 Helena MT 59620

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:	95,942	95,942	95,942	95,942	95,942	95,942	95,942 Sq. Ft.
Heating Degree Days	6778	7046	6715	7862	7820	8591	6940
Cooling Degree Days	730	517	551	731	432	398	506

## Reported Annual Energy Use:

Site Energy Use:	8078.8	6930.9	7278.7	7736.5	6508.5	7432.0	6625.4 MBTU
Site EUI:	84,206	72,241	75,866	80,637	67,838	77,464	69,056 BTU/ft2
Electricity:	685,184	583,507	557,066	542,061	501,627	523,748	508,900 kWh
Max Electric Demand:	232.0	213.0	188.8	177.6	169.6	172.0	164.0 kW
Natural Gas:	57,410	49,400	53,780	58,870	47,970	56,450	48,890 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$59,896	\$56,768	\$58,044	\$56,800	\$51,054	\$56,281	\$54,617
Electric Demand Cost:	\$16,781	\$15,644	\$13,427	\$14,795	\$13,187	\$15,287	\$14,462
Natural Gas Cost:	\$55,863	\$39,515	\$34,959	\$34,982	\$26,402	\$27,053	\$24,562
Total Energy Cost:	\$115,760	\$96,283	\$93,003	\$91,782	\$77,456	\$83,335	\$79,179
Energy Cost/ft2	\$1.207	\$1.004	\$0.969	\$0.957	\$0.807	\$0.869	\$0.825

## Weather Normalized Energy Use:

Site Energy Use:	8580.4	7207.8	7871.8	7595.2	6326.4	6778.2	7038.1 MBTU
Site EUI:	89,433	75,127	82,048	79,165	65,940	70,649	73,357 BTU/ft2
Electricity:	684,355	579,619	547,217	529,343	501,785	525,749	507,892 kWh
Natural Gas:	62,454	52,302	60,047	57,891	46,143	49,844	53,051 Therms

## National Median Energy Use:

Site Energy Use:	6904.5	6921.0	7130.9	7318.5	7115.8	7306.4	7123.1 MBTU
Site EUI:	71,965	72,137	74,326	76,281	74,167	76,155	74,244 BTU/ft2

## % Difference from National Median:

Site EUI:	17.01%	0.14%	2.07%	5.71%	-8.53%	1.72%	-6.99%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	304.9	262.4	285.7	312.7	254.8	299.8	259.7
Indirect Emissions:	199.9	170.1	162.6	158.2	146.4	152.8	148.5
Total Emissions:	504.9	432.7	448.2	470.9	401.2	452.7	408.2

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

Total Emissions:	431.5	432.0	439.1	445.4	438.6	445.0	438.8
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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