

# STATEMENT OF ENERGY PERFORMANCE

Superintendent of Public Instruction  
1300 11th Avenue  
Helena, MT 59620

Date: 11/21/2023  
Year Built: 1972  
Parent: N/A

	<b>Baseline:</b>	<b>2014</b>	<b>2017</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Current:</b>
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:	89	90	89	90	93	93	90
Gross Floor Area:	20,558	20,558	20,558	20,558	20,558	20,558	20,558 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:	1089.2	1052.3	1180.1	1210.1	1068.7	1077.8	1288.7 MBTU
Site EUI:	53.0	51.2	57.4	58.9	52.0	52.4	62.7 kBTU/ft2
Electricity:	187,618	174,085	177,979	154,149	130,801	133,798	145,899 kWh
Max Electric Demand:	70.0	62.0	62.8	55.2	42.8	47.6	43.6 kW
Natural Gas:	4,491	4,583	5,729	6,841	6,225	6,213	7,909 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$17,917	\$18,938	\$19,994	\$17,881	\$15,134	\$15,465	\$17,540
Electric Demand Cost:	\$6,042	\$5,753	\$6,173	\$5,748	\$4,732	\$196	N/A
Natural Gas Cost:	\$4,922	\$4,309	\$4,355	\$4,690	\$4,406	\$5,332	\$7,555
Total Energy Cost:	\$22,839	\$23,246	\$24,349	\$22,571	\$19,540	\$20,797	\$25,095
Energy Cost/ft2	\$1.11	\$1.13	\$1.18	\$1.10	\$0.95	\$1.01	\$1.22

## Weather Normalized Energy Use:

Site Energy Use:	1131.2	1052.9	1132.0	1119.7	1124.9	1127.7	1244.5 MBTU
Site EUI:	55.0	51.2	55.1	54.5	54.7	54.9	60.5 kBTU/ft2
Electricity:	184,707	172,733	173,370	154,149	130,801	133,798	140,049 kWh
Natural Gas:	5,010	4,635	5,404	5,937	6,786	6,712	7,666 Therms

## National Median Energy Use:

Site Energy Use:	2184.8	2237.6	2374.9	2564.9	2541.1	2545.0	2680.3 kBTU
Site EUI:	106.3	108.8	115.5	124.8	123.6	123.8	130.4 kBTU/ft2

## % Difference from National Median:

Site EUI:	-50.1%	-53.0%	-50.3%	-52.8%	-57.9%	-57.6%	-51.9%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	23.8	24.3	30.4	36.3	33.1	33.0	42.0
Indirect Emissions:	73.5	72.1	52.9	50.3	35.8	38.8	42.3
Total Emissions:	97.3	96.5	83.3	86.7	68.9	71.8	84.3

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

Total Emissions:	195.2	205.1	167.7	183.7	163.8	169.4	175.3
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## Adjusted Energy Based on Current Year:

Site Energy Use:	1109.6	1067.6	1178.6	1205.4	1092.6	1093.8	1288.7 kBTU
Site EUI:	54.0	51.9	57.3	58.6	53.1	53.2	62.7 kBTU/ft2

## % Difference Adjusted Site Energy Use

2014 to Baseline	-3.79%
2017 to Baseline	6.22%
2019 to Baseline	8.63%
2020 to Baseline	-1.53%
2021 to Baseline	-1.43%
Current to Baseline	16.14%
2021 to 2022	17.83%

**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