

# STATEMENT OF ENERGY PERFORMANCE

Superintendent of Public Instruction  
1300 11th Ave  
Helena MT 59620

Date: 8/15/2022  
Year Built: 1972  
Parent: N/A  
Gross Floor Area: 20,558 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:	89	91	90	89	90	93	93
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:	1,089.2	1,041.6	1,091.5	1,216.9	1,210.1	1,068.7	1,113.0 MBTU
Site EUI:	53.0	50.7	53.1	59.2	58.9	52.0	54.1 kBTU/ft2
Electricity:	187,618	174,740	174,044	165,717	154,149	130,801	134,438 kWh
Max Electric Demand:	70.0	68.0	62.0	56.4	55.2	42.8	47.6 kW
Natural Gas:	4,491	4,454	4,976	6,514	6,841	6,225	6,543 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$17,917	\$19,109	\$20,149	\$18,217	\$17,881	\$15,134	\$15,475
Electric Demand Cost:	\$6,042	\$6,101	\$6,001	\$5,497	\$5,748	\$4,732	N/A
Natural Gas Cost:	\$4,922	\$3,856	\$3,606	\$4,668	\$4,690	\$4,406	\$5,527
Total Energy Cost:	\$22,839	\$22,965	\$23,755	\$22,885	\$22,571	\$19,540	\$21,002
Energy Cost/ft2	\$1.11	\$1.12	\$1.16	\$1.11	\$1.10	\$0.95	\$1.02

## Weather Normalized Energy Use:

Site Energy Use:	1,131.2	1,047.8	1,144.0	1,187.0	1,119.7	1,124.9	1,165.6 MBTU
Site EUI:	55.0	51.0	55.6	57.7	54.5	54.7	56.7 kBTU/ft2
Electricity:	184,707	174,437	172,608	165,717	154,149	130,801	134,438 kWh
Natural Gas:	5,009.8	4,526.4	5,550.2	6,216.2	5,937.1	6,785.9	7,069.0 Therms

## National Median Energy Use:

Site Energy Use:	2,185	2,228	2,253	2,461	2,565	2,541	2,574 MBTU
Site EUI:	106.3	108.4	109.6	119.7	124.8	123.6	125.2 kBTU/ft2

## % Difference from National Median:

Site EUI:	-50%	-53%	-52%	-51%	-53%	-58%	-57%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	23.9	23.7	26.4	34.6	36.3	33.1	34.8
Indirect Emissions:	61.3	57.1	56.8	54.1	50.3	42.7	43.9
Total Emissions:	85.1	80.7	83.3	88.7	86.7	75.8	78.6

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

Total Emissions:	170.7	172.6	171.9	179.4	183.7	180.2	181.9
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## Adjusted Energy Based on Current Year:

Site Energy Use:	1,093	1,039	1,103	1,210	1,188	1,077	1,113 MBTU
Site EUI:	53.2	50.5	53.6	58.8	57.8	52.4	54.1 kBTU/ft2

## % Difference Adjusted Site Energy Use

2013 to Baseline	-4.99%
2016 to Baseline	0.86%
2018 to Baseline	10.62%
2019 to Baseline	8.63%
2020 to Baseline	-1.53%
Current to Baseline	1.79%
2020 to 2021	3.37%

**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