

STATEMENT OF ENERGY PERFORMANCE

Office of Public Instruction
1227 11th Avenue
Helena MT 59620

Date: 8/11/2022
Year Built: 1968
Parent: N/A
Gross Floor Area: 16,266 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:	65	67	87	84	85	89	89
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:	944.4	978.4	728.3	864.4	850.6	725.7	767.8 MBTU
Site EUI:	58.1	60.2	44.8	53.1	52.3	44.6	47.2 kBTU/ft2
Electricity:	207,211	190,113	113,579	114,891	109,665	97,729	95,324 kWh
Max Electric Demand:	71.0	68.0	48.4	42.8	44.4	36.4	38.8 kW
Natural Gas:	2,374	3,297	3,408	4,724	4,764	3,923	4,426 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$18,858	\$19,782	\$13,499	\$12,726	\$13,137	\$11,576	\$11,166
Electric Demand Cost:	\$5,759	\$5,645	\$4,227	\$3,952	\$4,479	\$3,777	N/A
Natural Gas Cost:	\$2,808	\$2,982	\$2,634	\$3,505	\$3,394	\$2,924	\$3,879
Total Energy Cost:	\$21,665	\$22,764	\$16,133	\$16,232	\$16,531	\$14,500	\$15,046
Energy Cost/ft2	\$1.33	\$1.40	\$0.99	\$1.00	\$1.02	\$0.89	\$0.92

Weather Normalized Energy Use:

Site Energy Use:	970.6	984.1	773.7	834.9	778.6	764.5	802.2 MBTU
Site EUI:	59.7	60.5	47.6	51.3	47.9	47.0	49.3 kBTU/ft2
Electricity:	204,403	190,113	111,746	114,480	108,992	97,729	94,506 kWh
Natural Gas:	2,732	3,354	3,924	4,443	4,067	4,310	4,797 Therms

National Median Energy Use:

Site Energy Use:	1,160	1,249	1,370	1,504	1,549	1,469	1,536 MBTU
Site EUI:	71.3	76.8	84.2	92.5	95.2	90.3	94.4 kBTU/ft2

% Difference from National Median:

Site EUI:	-19%	-22%	-47%	-43%	-45%	-51%	-50%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	12.6	17.5	18.1	25.1	25.3	20.8	23.5
Indirect Emissions:	67.7	62.1	37.1	37.5	35.8	31.9	31.1
Total Emissions:	80.3	79.6	55.2	62.6	61.1	52.7	54.6

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

Total Emissions:	98.6	101.6	103.8	108.9	111.3	106.8	109.3
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Adjusted Energy Based on Current Year:

Site Energy Use:	949	975	738	858	830	733	768 MBTU
Site EUI:	98.6	101.6	103.8	108.9	111.3	106.8	109.3 kBTU/ft2

% Difference Adjusted Site Energy Use

2013 to Baseline	2.73%
2016 to Baseline	-22.21%
2018 to Baseline	-9.65%
2019 to Baseline	-12.54%
2020 to Baseline	-22.80%
Current to Baseline	-19.11%
2020 to 2021	4.77%

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