

# STATEMENT OF ENERGY PERFORMANCE

Office of Public Instruction  
1227 11th Avenue  
Helena MT 59620

Date: 8/24/2021  
Year Built: 1968  
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:	65	57	86	84	84	85	89
Gross Floor Area:	16,266	16,266	16,266	16,266	16,266	16,266	16,266 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:	944.4	1048.4	715.9	816.0	864.4	850.6	725.7 MBTU
Site EUI:	58,061	64,455	44,014	50,167	53,142	52,294	44,616 BTU/ft2
Electricity:	207,211	227,654	117,779	123,830	114,891	109,665	97,729 kWh
Max Electric Demand:	71.0	64.0	53.2	50.4	42.8	44.4	36.4 kW
Natural Gas:	2,374	2,717	3,141	3,935	4,724	4,764	3,923 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$18,858	\$22,038	\$13,988	\$14,313	\$12,726	\$13,137	\$11,576
Electric Demand Cost:	\$5,759	\$5,921	\$4,437	\$4,667	\$3,952	\$4,479	\$3,777
Natural Gas Cost:	\$2,808	\$2,543	\$2,700	\$3,109	\$3,505	\$3,394	\$2,924
Total Energy Cost:	\$21,665	\$24,580	\$16,688	\$17,421	\$16,232	\$16,531	\$14,500
Energy Cost/ft2	\$1.332	\$1.511	\$1.026	\$1.071	\$0.998	\$1.016	\$0.891

## Weather Normalized Energy Use:

Site Energy Use:	973.3	1076.6	756.3	783.9	834.9	778.6	764.5 MBTU
Site EUI:	59,834	66,190	46,497	48,190	51,326	47,868	46,997 BTU/ft2
Electricity:	205,186	227,654	117,779	123,830	114,480	108,992	97,729 kWh
Natural Gas:	2,732	2,999	3,545	3,614	4,443	4,067	4,310 Therms

## National Median Energy Use:

Site Energy Use:	1159.8	1164.6	1335.9	1436.2	1504.0	1548.9	1469.5 MBTU
Site EUI:	71,302	71,600	82,130	88,292	92,462	95,224	90,339 BTU/ft2

## % Difference from National Median:

Site EUI:	-18.57%	-9.98%	-46.41%	-43.18%	-42.52%	-45.08%	-50.61%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	12.6	14.4	16.7	20.9	25.1	25.3	20.8
Indirect Emissions:	60.5	56.4	34.4	36.1	33.5	32.0	28.5
Total Emissions:	73.1	80.9	51.1	57.0	58.6	57.3	49.4

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

Total Emissions:	89.7	89.8	95.3	100.4	102.0	104.4	99.9
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## Adjusted Energy Based on Current Year:

Site Energy Use:	940.0	1045.2	718.4	791.4	849.4	822.2	725.7 MBTU
Site EUI:	57,791	64,256	44,168	48,653	52,217	50,546	44,616 BTU/ft2

## % Difference Adjusted Site Energy Use

2012 to Baseline	11.19%
2015 to Baseline	-23.57%
2017 to Baseline	-15.81%
2018 to Baseline	-9.65%
2019 to Baseline	-12.54%
Current to Baseline	-22.80%
2019 to 2020	-11.73%

**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