

# STATEMENT OF ENERGY PERFORMANCE

Superintendent of Public Instruction  
 1300 11th Ave.  
 Helena MT 59620

Date: 8/24/2021  
 Year Built: 1972  
 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:	89	90	89	89	89	90	93
Gross Floor Area:	20,558	20,558	20,558	20,558	20,558	20,558	20,558 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:	1089.2	1018.9	1099.4	1180.1	1216.9	1210.1	1068.7 MBTU
Site EUI:	52,983	49,560	53,480	57,405	59,192	58,862	51,987 BTU/ft2
Electricity:	187,618	180,263	180,995	177,979	165,717	154,149	130,801 kWh
Max Electric Demand:	70.0	67.0	66.0	62.8	56.4	55.2	42.8 kW
Natural Gas:	4,491	4,038	4,819	5,729	6,514	6,841	6,225 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$17,917	\$18,785	\$20,561	\$19,994	\$18,217	\$17,881	\$15,134
Electric Demand Cost:	\$6,042	\$6,016	\$5,942	\$6,173	\$5,497	\$5,748	\$4,732
Natural Gas Cost:	\$4,922	\$3,568	\$3,880	\$4,355	\$4,668	\$4,690	\$4,406
Total Energy Cost:	\$22,839	\$22,353	\$24,441	\$24,349	\$22,885	\$22,571	\$19,540
Energy Cost/ft2	\$1.111	\$1.087	\$1.189	\$1.184	\$1.113	\$1.098	\$0.950

## Weather Normalized Energy Use:

Site Energy Use:	1135.1	1045.4	1151.5	1132.0	1187.0	1119.7	1124.9 MBTU
Site EUI:	55,212	50,852	56,013	55,062	57,741	54,464	54,717 BTU/ft2
Electricity:	185,837	179,849	179,430	173,370	165,717	154,149	130,801 kWh
Natural Gas:	5,010	4,318	5,393	5,404	6,216	5,937	6,786 Therms

## National Median Energy Use:

Site Energy Use:	2184.8	2153.3	2220.0	2374.9	2461.5	2564.9	2541.1 MBTU
Site EUI:	106,276	104,741	107,985	115,521	119,733	124,766	123,605 BTU/ft2

## % Difference from National Median:

Site EUI:	-50.15%	-52.68%	-50.47%	-50.31%	-50.56%	-52.82%	-57.94%
-----------	---------	---------	---------	---------	---------	---------	---------

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

Direct Emissions:	23.9	21.4	25.6	30.4	34.6	36.3	33.1
Indirect Emissions:	54.7	50.2	52.8	51.9	48.4	45.0	38.2
Total Emissions:	78.6	74.1	78.4	82.4	83.0	81.3	71.2

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

Total Emissions:	157.7	156.5	158.3	165.7	167.8	172.4	169.4
------------------	-------	-------	-------	-------	-------	-------	-------

## Adjusted Energy Based on Current Year:

Site Energy Use:	1085.4	1016.5	1102.4	1152.8	1200.7	1179.1	1068.7 MBTU
Site EUI:	52,795	49,444	53,622	56,077	58,404	57,353	51,987 BTU/ft2

## % Difference Adjusted Site Energy Use

2012 to Baseline	-6.35%
2015 to Baseline	1.57%
2017 to Baseline	6.22%
2018 to Baseline	10.62%
2019 to Baseline	8.63%
Current to Baseline	-1.53%
2019 to 2020	-9.36%

**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