

# STATEMENT OF ENERGY PERFORMANCE

UM-Helena College of Technology  
 1115 North Roberts  
 Helena MT 59601

Date: 8/24/2021  
 Year Built: 1966  
 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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	89,470	89,470	89,470	89,470	89,470	89,470	89,470 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:	4905.6	6375.5	6084.3	6672.9	7397.6	6851.9	5468.6 MBTU
Site EUI:	54,830	71,259	68,004	74,583	82,682	76,583	61,122 BTU/ft2
Electricity:	616,462	840,039	815,918	840,258	847,605	818,418	642,883 kWh
Max Electric Demand:	212.0	267.0	244.0	255.6	230.0	242.8	180.4 kW
Natural Gas:	28,023	35,093	33,004	38,060	45,056	40,594	32,751 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$55,263	\$82,098	\$88,626	\$88,534	\$86,125	\$88,446	\$70,925
Electric Demand Cost:	\$16,773	\$23,111	\$23,325	\$23,837	\$22,174	\$24,664	\$20,353
Natural Gas Cost:	\$29,034	\$27,559	\$24,161	\$27,197	\$30,327	\$26,353	\$21,714
Total Energy Cost:	\$84,297	\$109,657	\$112,787	\$115,731	\$116,452	\$114,798	\$92,638
Energy Cost/ft2	\$0.942	\$1.226	\$1.261	\$1.294	\$1.302	\$1.283	\$1.035

## Weather Normalized Energy Use:

Site Energy Use:	5185.5	6585.3	6365.4	6521.7	7258.3	6504.0	5684.4 MBTU
Site EUI:	57,959	73,603	71,145	72,893	81,125	72,694	63,534 BTU/ft2
Electricity:	616,462	840,039	815,918	837,023	847,746	820,477	642,883 kWh
Natural Gas:	30,822	37,191	35,815	36,658	43,658	37,045	34,909 Therms

## National Median Energy Use:

Site Energy Use:	5484.1	5375.4	5334.7	5479.4	5693.4	5599.5	5635.5 MBTU
Site EUI:	61,295	60,080	59,626	61,243	63,634	62,586	62,988 BTU/ft2

## % Difference from National Median:

Site EUI:	-10.55%	18.61%	14.05%	21.78%	29.93%	22.36%	-2.96%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	148.8	186.4	175.3	202.2	239.3	215.6	174.0
Indirect Emissions:	179.9	236.2	238.1	245.2	247.3	238.8	187.6
Total Emissions:	328.7	431.5	413.4	447.4	486.7	454.4	361.6

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

Total Emissions:	367.5	363.8	362.5	367.3	374.5	371.4	372.6
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## Adjusted Energy Based on Current Year:

Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2

## % Difference Adjusted Site Energy Use

2012 to Baseline	N/A
2015 to Baseline	N/A
2017 to Baseline	N/A
2018 to Baseline	N/A
2019 to Baseline	N/A
Current to Baseline	N/A
2019 to 2020	N/A

**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