

STATEMENT OF ENERGY PERFORMANCE

UM-Helena College of Technology
1115 N Roberts Street
Helena, MT 59601

Date: 11/29/2023
Year Built: 1966
Parent: N/A

	Baseline:	2014	2017	2019	2020	2021	Current:
Energy Date:	12/31/2007	12/31/2014	12/31/2017	12/31/2019	12/31/2020	12/31/2021	12/31/2022
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	7428	7862	8591	6940	6908	7804
Cooling Degree Days	730	469	731	398	506	792	720
Reported Annual Energy Use:							
Site Energy Use:	4905.6	6725.8	6672.9	6851.9	5468.6	5706.3	5701.3 MBTU
Site EUI:	54.8	75.2	74.6	76.6	61.1	63.8	63.7 kBTU/ft2
Electricity:	616,462	847,057	840,258	818,418	642,883	680,709	609,611 kWh
Max Electric Demand:	212.0	250.4	255.6	242.8	180.4	212.4	195.2 kW
Natural Gas:	28,023	38,357	38,060	40,594	32,751	33,837	36,213 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$55,263	\$86,721	\$88,534	\$88,446	\$70,925	\$74,096	\$67,375
Electric Demand Cost:	\$16,773	\$23,168	\$23,837	\$24,664	\$20,353	N/A	N/A
Natural Gas Cost:	\$29,034	\$33,445	\$27,197	\$26,353	\$21,714	\$28,249	\$34,074
Total Energy Cost:	\$84,297	\$120,166	\$115,731	\$114,798	\$92,638	\$102,345	\$101,449
Energy Cost/ft2	\$0.94	\$1.34	\$1.29	\$1.28	\$1.04	\$1.14	\$1.13
Weather Normalized Energy Use:							
Site Energy Use:	5185.5	6719.5	6521.7	6499.1	5684.4	5971.7	5549.4 MBTU
Site EUI:	58.0	75.1	72.9	72.6	63.5	66.7	62.0 kBTU/ft2
Electricity:	616,462	843,284	837,023	819,061	642,883	680,709	591,278 kWh
Natural Gas:	30,822	38,422	36,658	37,045	34,909	36,491	35,319 Therms
National Median Energy Use:							
Site Energy Use:	5484.1	5479.0	5479.4	5599.5	5635.5	5602.5	5847.5 kBTU
Site EUI:	61.3	61.2	61.2	62.6	63.0	62.6	65.4 kBTU/ft2
% Difference from National Median:							
Site EUI:	-10.5%	22.8%	21.8%	22.4%	-3.0%	1.9%	-2.5%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	148.7	203.7	202.2	215.6	174.0	179.7	192.3
Indirect Emissions:	241.4	350.9	249.8	267.2	176.1	197.1	176.6
Total Emissions:	390.1	554.7	451.9	482.8	350.0	376.9	368.9
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	436.1	451.8	371.1	394.6	360.7	370.0	378.4
Adjusted Energy Based on Current Year:							
Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU/ft2
% Difference Adjusted Site Energy Use							
2014 to Baseline	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					
2017 to Baseline	N/A						
2019 to Baseline	N/A						
2020 to Baseline	N/A						
2021 to Baseline	N/A						
Current to Baseline	N/A						
2021 to 2022	N/A						