

STATEMENT OF ENERGY PERFORMANCE

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

Date: 8/22/2022
Year Built: 1966
Parent: N/A

	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	1/31/2022
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	7351	6842	7820	8591	6940	7098
Cooling Degree Days	730	579	474	432	398	506	792
Reported Annual Energy Use:							
Site Energy Use:	4905.6	7149.4	6290.4	7397.6	6851.9	5468.6	5922.7 MBTU
Site EUI:	54.8	79.9	70.3	82.7	76.6	61.1	66.2 kBTU/ft2
Electricity:	616,462	855,054	787,193	847,605	818,418	642,883	692,868 kWh
Max Electric Demand:	212.0	284.0	228.4	230.0	242.8	180.4	212.4 kW
Natural Gas:	28,023	42,319	36,045	45,056	40,594	32,751	35,587 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$55,263	\$86,839	\$85,778	\$86,125	\$88,446	\$70,925	\$75,039
Electric Demand Cost:	\$16,773	\$23,810	\$22,381	\$22,174	\$24,664	\$20,353	N/A
Natural Gas Cost:	\$29,034	\$32,793	\$23,406	\$30,327	\$26,353	\$21,714	\$29,872
Total Energy Cost:	\$84,297	\$119,632	\$109,184	\$116,452	\$114,798	\$92,638	\$104,911
Energy Cost/ft ²	\$0.94	\$1.34	\$1.22	\$1.30	\$1.28	\$1.04	\$1.17
Weather Normalized Energy Use:							
Site Energy Use:	5185.5	7223.4	6583.2	7247.1	6499.1	5684.4	6120.0 MBTU
Site EUI:	58.0	80.7	73.6	81.0	72.6	63.5	68.4 kBTU/ft2
Electricity:	616,462	855,054	787,193	844,466	819,061	642,883	692,868 kWh
Natural Gas:	30,822	43,060	38,973	43,658	37,045	34,909	37,560 Therms
National Median Energy Use:							
Site Energy Use:	5484.1	5596.6	5493.5	5693.4	5599.5	5635.5	5646.6 MBTU
Site EUI:	61.3	62.6	61.4	63.6	62.6	63.0	63.1 kBTU/ft2
% Difference from National Median:							
Site EUI:	-10.5%	27.7%	14.5%	29.9%	22.4%	-3.0%	4.9%
Annual Greenhouse Gas Emissions (Metric Tons CO₂ equivalent):							
Direct Emissions:	148.8	224.8	191.5	239.3	215.6	174.0	189.0
Indirect Emissions:	201.3	279.2	257.0	276.8	267.2	209.9	226.2
Total Emissions:	350.1	504.0	448.5	516.1	482.8	383.9	415.2
National Median Annual Greenhouse Gas Emissions (Metric Tons CO₂ equivalent):							
Total Emissions:	391.4	394.5	391.7	397.2	394.6	395.6	395.9
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 kBTU/ft2
% Difference Adjusted Site Energy Use							
2013 to Baseline	N/A	Note: N/A has meanings as follows:					
2016 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2018 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2019 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2020 to Baseline	N/A						
Current to Baseline	N/A						
2020 to 2021	N/A						