

STATEMENT OF ENERGY PERFORMANCE

UM Montana Tech Campus
1300 W Park Street
Butte, MT 59701

Date: 11/29/2023
Year Built: 1935
Parent: UM Montana Tech Campus

	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:	679,939	742,513	784,003	784,003	784,003	784,003	784,003 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:	66811.0	69037.0	67329.9	75256.1	70487.9	71964.8	74472.4 MBTU
Site EUI:	98.3	93.0	85.9	96.0	89.9	91.8	95.0 kBTU/ft2
Electricity:	6,858,744	7,386,270	7,120,722	7,682,048	7,588,189	7,847,233	7,449,999 kWh
Max Electric Demand:	1273.0	1260.0	1403.0	1439.0	1416.0	1549.0	1419.0 kW
Natural Gas:	434,090	438,350	430,340	490,450	445,970	451,900	490,530 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$506,906	\$644,329	\$662,851	\$737,317	\$723,826	\$746,325	\$725,867
Electric Demand Cost:	\$105,093	\$111,507	\$124,228	\$134,321	\$122,640	N/A	N/A
Natural Gas Cost:	\$402,465	\$254,895	\$234,151	\$207,792	\$190,954	\$208,245	\$246,430
Total Energy Cost:	\$909,372	\$899,224	\$897,002	\$945,110	\$914,781	\$954,569	\$972,297
Energy Cost/ft2	\$1.34	\$1.21	\$1.14	\$1.21	\$1.17	\$1.22	\$1.24
Weather Normalized Energy Use:							
Site Energy Use:	70123.5	69538.2	67329.9	71348.8	73270.6	75808.4	74629.5 MBTU
Site EUI:	103.1	93.7	85.9	91.0	93.5	96.7	95.2 kBTU/ft2
Electricity:	6,905,236	7,386,270	7,120,722	7,682,048	7,588,189	7,847,233	7,449,999 kWh
Natural Gas:	473,111	443,363	430,340	451,377	473,797	490,336	492,101 Therms
National Median Energy Use:							
Site Energy Use:	73846.9	79408.1	84211.9	85326.9	83649.3	83241.1	85958.3 kBTU
Site EUI:	108.6	106.9	107.4	108.8	106.7	106.2	109.6 kBTU/ft2
% Difference from National Median:							
Site EUI:	-9.5%	-13.1%	-20.0%	-11.8%	-15.7%	-13.5%	-13.4%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	2303.8	2328.3	2285.7	2605.0	2368.8	2400.3	2605.4
Indirect Emissions:	2685.9	3060.2	2116.8	2508.3	2078.1	2272.7	2157.6
Total Emissions:	4989.7	5388.5	4402.6	5113.3	4446.9	4673.0	4763.1
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	5515.1	6197.9	5506.4	5797.6	5277.2	5405.2	5497.7
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						