

STATEMENT OF ENERGY PERFORMANCE

MSU Family Housing
MSU Campus
Bozeman, MT 59717

Date: 11/29/2023
Year Built: 1968
Parent: Montana State University

	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:	326,465	326,465	326,465	326,465	326,465	326,465	326,465 Sq. Ft.
Heating Degree Days	7094	8250	8315	9230	7828	7620	8786
Cooling Degree Days	591	199	340	163	247	470	467
Reported Annual Energy Use:							
Site Energy Use:	28236.0	29620.0	28290.0	30238.0	26934.0	26200.0	27877.0 MBTU
Site EUI:	86.5	90.7	86.7	92.6	82.5	80.3	85.4 kBTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Max Electric Demand:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kW
Natural Gas:	282,360	296,200	282,900	302,380	269,340	262,000	278,770 Therms
Reported Annual Energy Cost:							
Electricity Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Electric Demand Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natural Gas Cost:	\$260,782	\$181,151	\$164,291	\$126,082	\$115,137	\$123,746	\$146,750
Total Energy Cost:	\$260,782	\$181,151	\$164,291	\$126,082	\$115,137	\$123,746	\$146,750
Energy Cost/ft2	\$0.80	\$0.55	\$0.50	\$0.39	\$0.35	\$0.38	\$0.45
Weather Normalized Energy Use:							
Site Energy Use:	29768.0	27541.4	26403.1	25885.0	26055.1	26245.1	25342.5 MBTU
Site EUI:	91.2	84.4	80.9	79.3	79.8	80.4	77.6 kBTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Natural Gas:	297,680	275,414	264,031	258,850	260,551	262,451	253,425 Therms
National Median Energy Use:							
Site Energy Use:	36719.5	36719.5	36719.5	36719.5	36719.5	36719.5	36719.5 kBTU
Site EUI:	112.5	112.5	112.5	112.5	112.5	112.5	112.5 kBTU/ft2
% Difference from National Median:							
Site EUI:	-23.1%	-19.3%	-23.0%	-17.7%	-26.6%	-28.6%	-24.1%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	1498.5	1573.3	1502.6	1606.1	1430.6	1391.6	1480.7
Indirect Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Emissions:	1498.5	1573.3	1502.6	1606.1	1430.6	1391.6	1480.7
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	1948.8	1950.3	1950.4	1950.4	1950.4	1950.4	1950.4
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						