

# STATEMENT OF ENERGY PERFORMANCE

MSU Roy Huffman Building  
South 7th Avenue  
Bozeman, MT 59717

Date: 12/11/2023  
Year Built: 1969  
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	18	25	30	28
Gross Floor Area:	8,828	8,828	8,828	8,828	8,828	8,828	8,828 Sq. Ft.
Heating Degree Days	7094	8250	8315	9230	7828	7620	8786
Cooling Degree Days	591	199	340	163	247	470	467
<b>Reported Annual Energy Use:</b>							
Site Energy Use:	N/A	N/A	N/A	1041.1	905.7	857.9	927.2 MBTU
Site EUI:	N/A	N/A	N/A	117.9	102.6	97.2	105.0 kBTU/ft2
Electricity:	122,016	134,893	133,521	148,216	130,569	123,160	126,506 kWh
Max Electric Demand:	31.0	26.4	32.0	35.2	32.8	37.6	32.0 kW
Natural Gas:	N/A	N/A	N/A	5,354	4,602	4,376	4,955 Therms
<b>Reported Annual Energy Cost:</b>							
Electricity Cost:	\$9,820	\$12,873	\$13,216	\$15,179	\$13,488	\$13,062	\$13,848
Electric Demand Cost:	\$2,114	\$2,596	\$2,849	\$3,507	\$3,154	N/A	N/A
Natural Gas Cost:	N/A	N/A	N/A	\$3,779	\$3,361	\$3,879	\$4,850
Total Energy Cost:	N/A	N/A	N/A	\$18,958	\$16,850	\$16,941	\$18,698
Energy Cost/ft2	N/A	N/A	N/A	\$2.15	\$1.91	\$1.92	\$2.12
<b>Weather Normalized Energy Use:</b>							
Site Energy Use:	N/A	N/A	N/A	944.5	891.0	846.1	846.1 MBTU
Site EUI:	N/A	N/A	N/A	107.0	100.9	95.8	95.8 kBTU/ft2
Electricity:	122,016	134,893	133,521	148,216	130,569	123,160	126,506 kWh
Natural Gas:	N/A	N/A	N/A	4,387	4,455	4,259	4,145 Therms
<b>National Median Energy Use:</b>							
Site Energy Use:	466.6	466.6	466.6	676.5	653.9	662.9	700.4 kBTU
Site EUI:	52.9	52.9	52.9	76.6	74.1	75.1	79.3 kBTU/ft2
<b>% Difference from National Median:</b>							
Site EUI:	N/A	N/A	N/A	53.9%	38.5%	29.4%	32.4%
<b>Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Direct Emissions:	N/A	N/A	N/A	28.4	24.4	23.2	26.3
Indirect Emissions:	47.8	55.9	39.7	48.4	35.8	35.7	36.6
Total Emissions:	N/A	N/A	N/A	76.8	60.2	58.9	63.0
<b>National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Total Emissions:	46.0	48.3	36.5	49.9	43.5	45.5	47.6
<b>Adjusted Energy Based on Current Year:</b>							
Site Energy Use:	N/A	N/A	N/A	1057.8	946.8	886.2	927.2 kBTU
Site EUI:	N/A	N/A	N/A	119.8	107.3	100.4	105.0 kBTU/ft2
<b>% Difference Adjusted Site Energy Use</b>							
2014 to Baseline	N/A	<b>Note:</b> 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	4.62%						