

# STATEMENT OF ENERGY PERFORMANCE

MSU Records Management  
1605 South 5th Street  
Bozeman MT 59717

Date: 8/24/2021  
Year Built: 2001  
Parent: N/A

	Baseline:	2012	2015	2017	2018	2019	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2017	12/31/2018	12/31/2019	12/31/2020
Energy Star Score:	62	68	70	66	74	80	73
Gross Floor Area:	6,000	6,000	6,000	6,000	6,000	6,000	6,000 Sq. Ft.
Heating Degree Days	7094	7500	7452	8315	8331	9230	7828
Cooling Degree Days	591	314	243	340	202	163	247
<b>Reported Annual Energy Use:</b>							
Site Energy Use:	317.4	271.3	243.3	294.5	250.8	234.1	250.2 MBTU
Site EUI:	52,894	45,225	40,547	49,087	41,801	39,009	41,692 BTU/ft2
Electricity:	10,012	11,781	14,581	15,549	12,295	11,724	11,018 kWh
Max Electric Demand:	0.0	0.0	0.0	0.0	0.0	0.0	0.0 kW
Natural Gas:	2,832	2,312	1,935	2,415	2,089	1,941	2,126 Therms
<b>Reported Annual Energy Cost:</b>							
Electricity Cost:	\$1,051	\$1,328	\$1,815	\$1,961	\$1,543	\$1,564	\$1,457
Electric Demand Cost:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Natural Gas Cost:	\$3,104	\$2,054	\$1,665	\$1,914	\$1,621	\$1,473	\$1,613
Total Energy Cost:	\$4,155	\$3,382	\$3,481	\$3,874	\$3,163	\$3,037	\$3,071
Energy Cost/ft2	\$0.693	\$0.564	\$0.580	\$0.646	\$0.527	\$0.506	\$0.512
<b>Weather Normalized Energy Use:</b>							
Site Energy Use:	336.1	273.0	245.5	270.3	230.5	197.2	242.7 MBTU
Site EUI:	56,011	45,508	40,920	45,049	38,409	32,871	40,445 BTU/ft2
Electricity:	10,380	11,841	14,648	14,880	11,708	10,609	10,793 kWh
Natural Gas:	3,007	2,326	1,955	2,195	1,905	1,610	2,058 Therms
<b>National Median Energy Use:</b>							
Site Energy Use:	394.5	388.4	359.5	401.8	409.1	439.9	399.6 MBTU
Site EUI:	65,749	64,730	59,916	66,967	68,188	73,324	66,592 BTU/ft2
<b>% Difference from National Median:</b>							
Site EUI:	-19.55%	-30.13%	-32.33%	-26.70%	-38.70%	-46.80%	-37.39%
<b>Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Direct Emissions:	15.0	12.3	10.3	12.8	11.1	10.3	11.3
Indirect Emissions:	2.9	3.2	4.3	4.5	3.6	3.4	3.2
Total Emissions:	18.0	15.7	14.5	17.4	14.7	13.7	14.5
<b>National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Total Emissions:	22.3	22.5	21.5	23.7	23.9	25.8	23.2
<b>Adjusted Energy Based on Current Year:</b>							
Site Energy Use:	340.8	280.0	252.2	281.7	239.5	206.9	250.2 MBTU
Site EUI:	56,800	46,659	42,028	46,945	39,919	34,479	41,692 BTU/ft2
<b>% Difference Adjusted Site Energy Use</b>							
2012 to Baseline	-17.85%	<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					
2015 to Baseline	-26.01%						
2017 to Baseline	-17.35%						
2018 to Baseline	-29.72%						
2019 to Baseline	-39.30%						
Current to Baseline	-26.60%						
2019 to 2020	20.92%						