

# STATEMENT OF ENERGY PERFORMANCE

Museum of the Rockies  
600 Kagy Boulevard  
Bozeman MT 59717

Date: 8/24/2021  
Year Built: 1987  
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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	97,669	97,669	97,669	118,064	118,064	118,064	118,064 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:	6310.9	5472.9	5091.5	4824.2	4363.2	4416.3	4225.3 MBTU
Site EUI:	64,615	56,035	52,130	40,861	36,957	37,406	35,788 BTU/ft2
Electricity:	1,841,591	1,599,447	1,487,951	1,411,408	1,276,606	1,292,113	1,236,313 kWh
Max Electric Demand:	363.0	326.0	297.6	296.0	361.6	288.0	246.4 kW
Natural Gas:	273	156	146	84	75	76	70 Therms
<b>Reported Annual Energy Cost:</b>							
Electricity Cost:	\$146,701	\$143,332	\$147,966	\$140,129	\$126,620	\$133,149	\$126,768
Electric Demand Cost:	\$31,677	\$31,170	\$28,996	\$31,178	\$30,264	\$32,313	\$29,676
Natural Gas Cost:	\$707	\$547	\$537	\$442	\$454	\$464	\$462
Total Energy Cost:	\$147,408	\$143,879	\$148,504	\$140,572	\$127,074	\$133,613	\$127,230
Energy Cost/ft2	\$1.509	\$1.473	\$1.520	\$1.191	\$1.076	\$1.132	\$1.078
<b>Weather Normalized Energy Use:</b>							
Site Energy Use:	6305.0	5472.9	5091.5	4824.2	4301.6	4299.9	4208.7 MBTU
Site EUI:	64,555	56,035	52,130	40,861	36,435	36,420	35,648 BTU/ft2
Electricity:	1,839,873	1,599,447	1,487,951	1,411,408	1,258,541	1,257,986	1,231,458 kWh
Natural Gas:	273	156	146	85	75	76	70 Therms
<b>National Median Energy Use:</b>							
Site Energy Use:	3917.6	3914.0	3914.0	4728.0	4727.9	4728.0	4727.8 MBTU
Site EUI:	40,111	40,074	40,075	40,046	40,045	40,046	40,044 BTU/ft2
<b>% Difference from National Median:</b>							
Site EUI:	61.09%	39.83%	30.08%	2.03%	-7.71%	-6.59%	-10.63%
<b>Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Direct Emissions:	1.5	0.8	0.8	0.4	0.4	0.4	0.4
Indirect Emissions:	537.4	473.4	434.2	411.9	372.5	377.1	360.8
Total Emissions:	538.9	467.6	435.0	412.3	372.9	377.5	361.1
<b>National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Total Emissions:	334.5	334.4	334.4	404.1	404.1	404.1	404.1
<b>Adjusted Energy Based on Current Year:</b>							
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 BTU/ft2
<b>% Difference Adjusted Site Energy Use</b>							
2012 to Baseline	N/A	<b>Note:</b> N/A has meanings as follows:					
2015 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2017 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2018 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2019 to Baseline	N/A						
Current to Baseline	N/A						
2019 to 2020	N/A						