

STATEMENT OF ENERGY PERFORMANCE

Museum of the Rockies
600 Kagy Boulevard
Bozeman

Date: 9/7/2018
Year Built: 1987

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017
Energy Star Score:	N/A	N/A	N/A	N/A
Gross Floor Area:	97,724	97,724	97,724	97,724 Sq. Ft.
Heating Degree Days	7,094	7,500	8,220	8,315
Cooling Degree Days	591	314	297	340

Reported Annual Energy Use:

Site Energy Use:	6310.85	5472.91	5433.04	4824.17 MBTU
Site EUI:	64,578	56,004	55,596	49,365 BTU/ft ²
Electricity:	1,841,591	1,599,447	1,589,411	1,411,408 kWh
Max Electric Demand:	363	326	328	296 kW
Natural Gas:	273	156	100	84 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$146,701	\$143,332	\$148,950	\$141,443
Electric Demand Cost:	\$31,677	\$31,170	\$32,059	\$31,178
Natural Gas Cost:	\$707	\$547	\$551	\$442
Energy Cost/ft ²	\$1.508	\$1.472	\$1.530	\$1.452

Weather Normalized Energy Use:

Site Energy Use:	6304.99	5472.91	5433.04	4824.17 MBTU
Site EUI:	64,518	56,004	55,596	49,365 BTU/ft ²
Electricity:	1,839,873	1,599,447	1,589,411	1,411,408 kWh
Natural Gas:	273	156	100	85 Therms

National Median Energy Use:

Site Energy Use:	3919.83	3916.19	3913.70	3913.50 MBTU
Site EUI:	40,111	40,074	40,049	40,046 BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	1.5	0.8	0.5	0.4
Indirect Emissions:	548	476	473	420
Total Emissions:	549	476	473	420

National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Total Emissions:	340.9	340.8	340.7	340.7
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% Difference from National Median:

Site EUI:	61.00	39.75	38.82	23.27
Total Emissions:	61.01	39.76	38.83	23.28

Adjusted Energy Based on Current Year:

Site Energy Use:	N/A	N/A	N/A	N/A	MBTU
Site EUI:	N/A	N/A	N/A	N/A	BTU/ft ²

% Difference Adjusted Site Energy Use

2012 to Baseline	N/A
2013 to Baseline	N/A
Current to Baseline	N/A
Current to 2013	N/A