

# STATEMENT OF ENERGY PERFORMANCE

MSU President Residence  
16 West Graf Street  
Bozeman, MT 59715

Date: 11/30/2023  
Year Built: 1974  
Parent: N/A

	<b>Baseline:</b>	<b>2014</b>	<b>2017</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Current:</b>
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:	7,325	7,325	7,325	7,325	7,325	7,325	7,325 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:	299.6	313.5	316.5	328.3	305.1	335.5	304.0 MBTU
Site EUI:	40.9	42.8	43.2	44.8	41.6	45.8	41.5 kBTU/ft2
Electricity:	18,811	20,865	28,260	35,273	28,716	29,891	32,274 kWh
Max Electric Demand:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kW
Natural Gas:	2,354	2,423	2,201	2,080	2,071	2,335	1,939 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$1,790	\$2,201	\$3,207	\$4,128	\$3,400	\$3,536	\$3,891
Electric Demand Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natural Gas Cost:	\$2,449	\$2,170	\$1,625	\$1,411	\$1,428	\$2,030	\$1,858
Total Energy Cost:	\$4,239	\$4,370	\$4,833	\$5,539	\$4,829	\$5,566	\$5,749
Energy Cost/ft2	\$0.58	\$0.60	\$0.66	\$0.76	\$0.66	\$0.76	\$0.78

## Weather Normalized Energy Use:

Site Energy Use:	316.7	298.5	303.8	296.0	299.3	330.6	286.6 MBTU
Site EUI:	43.2	40.8	41.5	40.4	40.9	45.1	39.1 kBTU/ft2
Electricity:	19,598	20,865	28,260	33,217	28,581	29,283	32,274 kWh
Natural Gas:	2,498	2,273	2,074	1,827	2,018	2,307	1,765 Therms

## National Median Energy Use:

Site Energy Use:	738.1	726.6	664.3	621.7	652.4	664.8	624.5 kBTU
Site EUI:	100.8	99.2	90.7	84.9	89.1	90.8	85.3 kBTU/ft2

## % Difference from National Median:

Site EUI:	-59.4%	-56.8%	-52.4%	-47.2%	-53.2%	-49.5%	-51.3%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	12.5	12.9	11.7	11.0	11.0	12.4	10.3
Indirect Emissions:	7.4	8.6	8.4	11.5	7.9	8.7	9.3
Total Emissions:	19.9	21.5	20.1	22.6	18.9	21.1	19.6

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

Total Emissions:	48.9	49.9	42.2	42.7	40.3	41.7	40.4
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## 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
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

**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