

STATEMENT OF ENERGY PERFORMANCE

MSU Safety & Risk Management
1160 Research Drive
Bozeman, MT 59718

Date: 11/30/2023
Year Built: 1984
Parent: N/A

	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	N/A	N/A	N/A	N/A
Gross Floor Area:	9,328	9,328	9,328	9,328	9,328	9,328	9,328 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:	2278.0	1592.7	1503.6	2063.3	1846.5	1823.0	1980.4 MBTU
Site EUI:	244.2	170.7	161.2	221.2	198.0	195.4	212.3 kBTU/ft2
Electricity:	125,459	89,990	114,584	131,425	130,008	130,914	138,421 kWh
Max Electric Demand:	34.0	30.0	29.6	30.0	29.6	28.4	32.4 kW
Natural Gas:	18,500	12,857	11,126	16,148	14,029	13,763	15,081 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$10,761	\$9,193	\$11,874	\$13,567	\$13,523	\$13,616	\$14,660
Electric Demand Cost:	\$2,800	\$2,337	\$2,957	\$3,180	\$3,214	N/A	N/A
Natural Gas Cost:	\$18,994	\$11,368	\$8,346	\$10,878	\$9,631	\$11,791	\$13,455
Total Energy Cost:	\$29,756	\$20,561	\$20,220	\$24,445	\$23,154	\$25,407	\$28,115
Energy Cost/ft2	\$3.19	\$2.20	\$2.17	\$2.62	\$2.48	\$2.72	\$3.01

Weather Normalized Energy Use:

Site Energy Use:	2386.2	1494.4	1389.7	1808.4	1793.3	1820.0	1812.1 MBTU
Site EUI:	255.8	160.2	149.0	193.9	192.2	195.1	194.3 kBTU/ft2
Electricity:	124,097	89,990	114,584	128,195	129,314	130,092	131,586 kWh
Natural Gas:	19,628	11,873	9,988	13,710	13,521	13,761	13,631 Therms

National Median Energy Use:

Site Energy Use:	2152.9	2139.6	1972.3	2075.3	2018.8	2007.3	2023.0 kBTU
Site EUI:	230.8	229.4	211.4	222.5	216.4	215.2	216.9 kBTU/ft2

% Difference from National Median:

Site EUI:	5.8%	-25.6%	-23.8%	-0.6%	-8.5%	-9.2%	-2.1%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	98.2	68.3	59.1	85.8	74.5	73.1	80.1
Indirect Emissions:	49.1	37.3	34.1	42.9	35.6	37.9	40.1
Total Emissions:	147.3	105.6	93.2	128.7	110.1	111.0	120.2

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

Total Emissions:	139.2	141.8	122.2	129.4	120.4	122.2	122.8
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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