

# STATEMENT OF ENERGY PERFORMANCE

MSU Marsh Laboratory  
1911 West Lincoln Street  
Bozeman MT 59718

Date: 8/24/2021  
Year Built: 1961  
Parent: MSU Marsh Laboratory

	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:	37,884	39,638	39,638	39,638	39,638	39,638	39,638 Sq. Ft.
Heating Degree Days	7094	7500	7452	8315	8331	9230	7828
Cooling Degree Days	591	314	243	340	202	163	247

## Reported Annual Energy Use:

Site Energy Use:	7080.0	6382.0	6719.0	6688.0	6837.0	7704.0	6411.0 MBTU
Site EUI:	186,886	161,007	169,509	168,727	172,486	194,359	161,739 BTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Max Electric Demand:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kW
Natural Gas:	70,800	63,820	67,190	66,880	68,370	77,040	64,110 Therms

## Reported Annual Energy Cost:

Electricity Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Electric Demand Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natural Gas Cost:	\$67,928	\$50,951	\$44,121	\$41,251	\$35,801	\$35,967	\$32,095
Total Energy Cost:	\$67,928	\$50,951	\$44,121	\$41,251	\$35,801	\$35,967	\$32,095
Energy Cost/ft2	\$1.793	\$1.285	\$1.113	\$1.041	\$0.903	\$0.907	\$0.810

## Weather Normalized Energy Use:

Site Energy Use:	7305.8	6399.6	6717.5	6309.2	6388.5	6698.5	6280.5 MBTU
Site EUI:	192,846	161,450	169,472	159,171	161,170	168,991	158,448 BTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Natural Gas:	73,058	63,996	67,175	63,092	63,885	66,985	62,805 Therms

## National Median Energy Use:

Site Energy Use:	11481.7	12013.3	12013.3	12013.3	12013.3	12013.3	12013.3 MBTU
Site EUI:	303,076	303,076	303,076	303,076	303,076	303,076	303,076 BTU/ft2

## % Difference from National Median:

Site EUI:	-38.34%	-46.88%	-44.07%	-44.33%	-43.09%	-35.87%	-46.63%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	376.1	339.0	356.9	355.2	363.1	409.2	340.5
Indirect Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Emissions:	376.1	339.0	356.9	355.2	363.1	409.2	340.5

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

Total Emissions:	609.8	638.1	638.1	638.1	638.1	638.1	638.1
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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 MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2

## % Difference Adjusted Site Energy Use

2012 to Baseline	N/A
2015 to Baseline	N/A
2017 to Baseline	N/A
2018 to Baseline	N/A
2019 to Baseline	N/A
Current to Baseline	N/A
2019 to 2020	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