

STATEMENT OF ENERGY PERFORMANCE

Montana State University
 Montana State University
 Bozeman MT 59717

Date: 8/24/2021
 Year Built: 1901
 Parent: Montana State University

	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:	3,962,566	4,177,538	4,233,340	4,520,401	4,634,723	4,719,750	4,719,750 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:	522680.7	481492.4	468809.7	494439.4	509996.5	533141.8	480546.8 MBTU
Site EUI:	131,905	115,257	110,742	109,380	110,038	112,960	101,816 BTU/ft2
Electricity:	45,058,516	45,215,226	46,044,155	47,213,488	47,288,542	50,493,790	45,781,889 kWh
Max Electric Demand:	7834.0	8424.0	8599.0	8975.0	8631.0	9104.0	8839.0 kW
Natural Gas:	3,689,410	3,272,180	3,117,070	3,333,470	3,486,480	3,608,570	3,243,390 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$2,159,475	\$2,432,812	\$2,793,179	\$2,827,561	\$2,761,432	\$2,838,774	\$2,628,193
Electric Demand Cost:	\$475,835	\$471,932	\$503,269	\$551,900	\$537,239	\$569,147	\$398,046
Natural Gas Cost:	\$3,342,239	\$2,425,460	\$1,979,372	\$1,946,190	\$1,645,770	\$1,513,574	\$1,407,378
Total Energy Cost:	\$5,501,715	\$4,858,272	\$4,772,551	\$4,773,751	\$4,407,202	\$4,352,348	\$4,035,571
Energy Cost/ft2	\$1.388	\$1.163	\$1.127	\$1.056	\$0.951	\$0.922	\$0.855

Weather Normalized Energy Use:

Site Energy Use:	541803.6	482514.7	468728.8	474614.0	485306.7	482870.0	470683.6 MBTU
Site EUI:	136,730	115,502	110,723	104,994	104,711	102,308	99,726 BTU/ft2
Electricity:	45,058,516	45,215,226	46,044,155	47,290,304	47,422,084	50,493,790	45,781,889 kWh
Natural Gas:	3,880,639	3,282,404	3,116,261	3,132,595	3,235,026	3,105,851	3,144,758 Therms

National Median Energy Use:

Site Energy Use:	457386.1	468435.9	467230.3	503925.5	521990.3	527663.6	526572.7 MBTU
Site EUI:	115,427	112,132	110,369	111,478	112,626	111,799	111,568 BTU/ft2

% Difference from National Median:

Site EUI:	14.28%	2.79%	0.34%	-1.88%	-2.30%	1.04%	-8.74%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	19596.2	17380.1	16556.2	17705.7	18518.4	19166.8	17227.2
Indirect Emissions:	13148.6	13179.4	13436.3	13777.5	13799.4	14734.7	13359.7
Total Emissions:	32744.9	30574.5	29992.5	31483.1	32317.8	33901.6	30586.9

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

Total Emissions:	28654.3	29745.4	29891.5	32087.1	33077.8	33553.2	33516.5
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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	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
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	