

STATEMENT OF ENERGY PERFORMANCE

Montana State University
0
Bozeman

Date: 9/7/2018
Year Built: 1898

	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:	4,063,428	4,195,622	4,211,072	4,566,730	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:	522121.13	480838.75	491966.84	493352.33	MBTU
Site EUI:	128,493	114,605	116,827	108,032	BTU/ft ²
Electricity:	44,894,522	45,023,654	45,799,780	46,894,877	kWh
Max Electric Demand:	0	0	0	8,975	kW
Natural Gas:	3,689,410	3,272,180	3,356,980	3,333,470	Therms

Reported Annual Energy Cost:

Electricity Cost:	\$2,144,986	\$2,414,147	\$2,595,703	\$2,833,646
Electric Demand Cost:	\$0	\$0	\$0	\$545,196
Natural Gas Cost:	\$3,342,239	\$2,425,460	\$2,319,614	\$1,948,546
Energy Cost/ft ²	\$1.350	\$1.153	\$1.167	\$1.047

Weather Normalized Energy Use:

Site Energy Use:	541244.05	481861.10	473702.01	473542.48	MBTU
Site EUI:	133,199	114,849	112,490	103,694	BTU/ft ²
Electricity:	44,894,522	45,023,654	45,799,780	46,976,265	kWh
Natural Gas:	3,880,639	3,282,404	3,174,331	3,132,595	Therms

National Median Energy Use:

Site Energy Use:	469474.96	470936.36	473634.55	509908.42	MBTU
Site EUI:	115,537	112,245	112,474	111,657	BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	19596.2	17380.1	17830.5	17705.7
Indirect Emissions:	13,346	13,384	13,615	13,941
Total Emissions:	32,942	30,765	31,446	31,646

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

Total Emissions:	29620.6	30131	30273.9	32708.3
------------------	---------	-------	---------	---------

% Difference from National Median:

Site EUI:	11.21	2.10	3.87	-3.25
Total Emissions:	11.21	2.10	3.87	-3.25

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