

# STATEMENT OF ENERGY PERFORMANCE

Superintendent of Public Instruction  
1300 11th Ave.  
Helena

Date: 9/7/2018  
Year Built: 1972

	<b>Baseline:</b>	<b>2012</b>	<b>12/31/2013</b>	<b>Current:</b>
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017
Energy Star Score:	86	87	88	85
Gross Floor Area:	20,560	20,560	20,560	20,560 Sq. Ft.
Heating Degree Days	6,778	7,046	7,351	7,862
Cooling Degree Days	730	517	579	731

## Reported Annual Energy Use:

Site Energy Use:	1089.23	1018.85	1041.58	1180.13 MBTU
Site EUI:	52,978	49,555	50,660	57,399 BTU/ft <sup>2</sup>
Electricity:	187,618	180,263	174,740	177,979 kWh
Max Electric Demand:	70	67	68	63 kW
Natural Gas:	4,491	4,038	4,454	5,729 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$17,917	\$18,785	\$19,109	\$20,178
Electric Demand Cost:	\$6,042	\$6,016	\$6,101	\$6,173
Natural Gas Cost:	\$4,922	\$3,568	\$3,856	\$4,367
Energy Cost/ft <sup>2</sup>	\$1.111	\$1.087	\$1.117	\$1.194

## Weather Normalized Energy Use:

Site Energy Use:	1135.06	1045.41	1047.82	1131.97 MBTU
Site EUI:	55,207	50,847	50,964	55,057 BTU/ft <sup>2</sup>
Electricity:	185,837	179,849	174,437	173,370 kWh
Natural Gas:	5,010	4,318	4,526	5,404 Therms

## National Median Energy Use:

Site Energy Use:	2001.32	1954.11	2018.29	2132.70 MBTU
Site EUI:	97,340	95,044	98,166	103,731 BTU/ft <sup>2</sup>

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

Direct Emissions:	23.9	21.4	23.7	30.4
Indirect Emissions:	56	54	52	53
Total Emissions:	80	75	76	83

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

Total Emissions:	146.3	143.9	146.5	150.6
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## % Difference from National Median:

Site EUI:	-45.57	-47.86	-48.39	-44.67
Total Emissions:	-45.59	-47.88	-48.40	-44.69

## Adjusted Energy Based on Current Year:

Site Energy Use:	1089.26	1029.66	1046.33	1180.13 MBTU
Site EUI:	52,979	50,081	50,891	57,399 BTU/ft <sup>2</sup>

## % Difference Adjusted Site Energy Use

2012 to Baseline	-5.47
2013 to Baseline	-3.94
Current to Baseline	8.34
Current to 2013	12.79