

STATEMENT OF ENERGY PERFORMANCE

Old Board of Health
1301 Lockey
Helena

Date: 9/7/2018
Year Built: 1919

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017
Energy Star Score:	47	60	53	51
Gross Floor Area:	8,604	8,604	8,604	8,604 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:	939.49	798.07	886.67	934.18 MBTU
Site EUI:	109,192	92,756	103,053	108,575 BTU/ft ²
Electricity:	25,906	20,752	20,545	18,538 kWh
Max Electric Demand:	15	17	12	14 kW
Natural Gas:	8,511	7,273	8,166	8,709 Therms
Reported Annual Energy Cost:				
Electricity Cost:	\$2,920	\$2,560	\$2,574	\$2,739
Electric Demand Cost:	\$1,196	\$995	\$997	\$1,199
Natural Gas Cost:	\$9,565	\$6,091	\$6,660	\$6,441
Energy Cost/ft ²	\$1.451	\$1.006	\$1.073	\$1.067
Weather Normalized Energy Use:				
Site Energy Use:	1033.13	851.35	904.04	919.85 MBTU
Site EUI:	120,075	98,948	105,072	106,909 BTU/ft ²
Electricity:	26,325	20,752	20,545	18,538 kWh
Natural Gas:	9,433	7,805	8,339	8,566 Therms
National Median Energy Use:				
Site Energy Use:	915.27	912.69	928.91	951.46 MBTU
Site EUI:	106,377	106,077	107,962	110,583 BTU/ft ²
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):				
Direct Emissions:	45.2	38.6	43.4	46.3
Indirect Emissions:	8	6	6	6
Total Emissions:	53	45	50	52
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):				
Total Emissions:	51.5	51.2	51.8	52.7
% Difference from National Median:				
Site EUI:	2.65	-12.56	-4.55	-1.82
Total Emissions:	2.72	-12.50	-4.44	-1.71
Adjusted Energy Based on Current Year:				
Site Energy Use:	939.53	806.59	893.01	934.18 MBTU
Site EUI:	109,197	93,746	103,791	108,575 BTU/ft ²
% Difference Adjusted Site Energy Use				
2012 to Baseline	-14.15			
2013 to Baseline	-4.95			
Current to Baseline	-0.57			
Current to 2013	4.61			