

## STATEMENT OF ENERGY PERFORMANCE

Teachers Retirement  
1500 E 6th  
Helena

Date: 9/7/2018  
Year Built: 1970

	<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:	29	74	68	62
Gross Floor Area:	6,683	6,683	6,683	6,683 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:	616.16	334.99	391.33	441.89 MBTU
Site EUI:	92,198	50,126	58,556	66,121 BTU/ft <sup>2</sup>
Electricity:	70,189	35,290	36,285	37,742 kWh
Max Electric Demand:	22	21	24	24 kW
Natural Gas:	3,767	2,146	2,675	3,131 Therms

### Reported Annual Energy Cost:

Electricity Cost:	\$6,173	\$4,176	\$4,546	\$4,959
Electric Demand Cost:	\$1,672	\$1,585	\$1,759	\$1,918
Natural Gas Cost:	\$4,044	\$1,932	\$2,322	\$2,410
Energy Cost/ft <sup>2</sup>	\$1.529	\$0.914	\$1.028	\$1.103

### Weather Normalized Energy Use:

Site Energy Use:	649.98	349.07	393.45	431.13 MBTU
Site EUI:	97,259	52,232	58,873	64,511 BTU/ft <sup>2</sup>
Electricity:	69,365	35,290	35,841	36,510 kWh
Natural Gas:	4,133	2,287	2,712	3,066 Therms

### National Median Energy Use:

Site Energy Use:	472.98	481.98	506.49	524.60 MBTU
Site EUI:	70,773	72,120	75,788	78,497 BTU/ft <sup>2</sup>

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

Direct Emissions:	20	11.4	14.2	16.6
Indirect Emissions:	21	11	11	11
Total Emissions:	41	22	25	28

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

Total Emissions:	31.4	31.5	32.4	33.1
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### % Difference from National Median:

Site EUI:	30.27	-30.50	-22.74	-15.77
Total Emissions:	30.25	-30.48	-22.84	-15.71

### Adjusted Energy Based on Current Year:

Site Energy Use:	616.19	338.77	394.28	441.89 MBTU
Site EUI:	92,202	50,691	58,998	66,121 BTU/ft <sup>2</sup>

### % Difference Adjusted Site Energy Use

2012 to Baseline	-45.02
2013 to Baseline	-36.01
Current to Baseline	-28.29
Current to 2013	12.07