

STATEMENT OF ENERGY PERFORMANCE

DEQ/STAR Armory
1100 N. Last Chance Gulch
Helena

Date: 9/7/2018
Year Built: 1942

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2013	11/30/2016
Energy Star Score:	70	73	67	N/A
Gross Floor Area:	58,679	58,679	58,679	58,679 Sq. Ft.
Heating Degree Days	6,778	7,046	7,351	6,578
Cooling Degree Days	730	517	579	474

Reported Annual Energy Use:

Site Energy Use:	3090.43	2742.81	2934.47	2325.26 MBTU
Site EUI:	52,667	46,743	50,009	39,627 BTU/ft ²
Electricity:	356,900	354,744	341,967	149,886 kWh
Max Electric Demand:	115	160	142	55 kW
Natural Gas:	18,727	15,324	17,677	18,139 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$32,844	\$36,758	\$36,943	\$16,465
Electric Demand Cost:	\$0	\$0	\$0	\$0
Natural Gas Cost:	\$19,521	\$12,584	\$14,194	\$11,874
Energy Cost/ft ²	\$0.892	\$0.841	\$0.871	\$0.483

Weather Normalized Energy Use:

Site Energy Use:	3285.43	2836.78	2965.33	2634.23 MBTU
Site EUI:	55,990	48,344	50,535	44,892 BTU/ft ²
Electricity:	356,900	351,299	341,967	158,075 kWh
Natural Gas:	20,677	16,381	17,985	20,949 Therms

National Median Energy Use:

Site Energy Use:	4101.66	3871.75	3734.87	4758.90 MBTU
Site EUI:	69,900	65,982	63,649	81,101 BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	99.5	81.4	93.9	96.3
Indirect Emissions:	106	106	102	45
Total Emissions:	206	187	196	141

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

Total Emissions:	272.8	263.8	248.9	288.4
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% Difference from National Median:

Site EUI:	-24.65	-29.16	-21.43	-51.14
Total Emissions:	-24.63	-29.15	-21.45	-51.14

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