

# STATEMENT OF ENERGY PERFORMANCE

DEQ/STARC Armory  
 1100 N. Last Chance Gulch  
 Helena MT 59601

Date: 8/24/2021  
 Year Built: 1942  
 Parent: N/A

	Baseline:	2012	2015	2017	2018	2019	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2017	12/31/2018	12/31/2019	11/30/2016
Energy Star Score:	77	80	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	58,679	58,679	58,679	N/A	N/A	N/A	58,679 Sq. Ft.
Heating Degree Days	6778	7046	6715	7862	7820	8591	6578
Cooling Degree Days	730	517	551	731	432	398	474

## Reported Annual Energy Use:

Site Energy Use:	3090.4	2742.8	2500.4	N/A	N/A	N/A	2325.3 MBTU
Site EUI:	52,667	46,743	42,611	N/A	N/A	N/A	39,627 BTU/ft2
Electricity:	356,900	354,744	131,272	N/A	N/A	N/A	149,886 kWh
Max Electric Demand:	115.0	160.0	71.2	N/A	N/A	N/A	55.2 kW
Natural Gas:	18,727	15,324	20,525	N/A	N/A	N/A	18,139 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$32,844	\$36,758	\$14,432	N/A	N/A	N/A	\$16,465
Electric Demand Cost:	\$10,424	\$11,691	\$3,796	N/A	N/A	N/A	\$4,321
Natural Gas Cost:	\$19,521	\$12,584	\$15,198	N/A	N/A	N/A	\$11,874
Total Energy Cost:	\$52,366	\$49,342	\$29,630	N/A	N/A	N/A	\$28,339
Energy Cost/ft2	\$0.892	\$0.841	\$0.505	N/A	N/A	N/A	\$0.483

## Weather Normalized Energy Use:

Site Energy Use:	3285.4	2836.8	2737.9	N/A	N/A	N/A	2634.2 MBTU
Site EUI:	55,990	48,344	46,660	N/A	N/A	N/A	44,892 BTU/ft2
Electricity:	356,900	351,299	131,272	N/A	N/A	N/A	158,075 kWh
Natural Gas:	20,677	16,381	22,900	N/A	N/A	N/A	20,949 Therms

## National Median Energy Use:

Site Energy Use:	4637.9	4418.9	5008.1	3101.3	3101.3	3101.3	4758.9 MBTU
Site EUI:	79,038	75,306	85,348	N/A	N/A	N/A	81,101 BTU/ft2

## % Difference from National Median:

Site EUI:	-33.37%	-37.93%	-50.07%	N/A	N/A	N/A	-51.14%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	99.5	81.4	109.0	0.0	0.0	0.0	96.3
Indirect Emissions:	104.1	99.0	38.3	0.0	0.0	0.0	43.7
Total Emissions:	203.6	184.9	147.3	N/A	N/A	N/A	140.1

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

Total Emissions:	305.6	297.9	295.1	238.8	238.8	238.8	286.7
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## Adjusted Energy Based on Current Year:

Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2

## % Difference Adjusted Site Energy Use

2012 to Baseline	N/A
2015 to Baseline	N/A
2017 to Baseline	N/A
2018 to Baseline	N/A
2019 to Baseline	N/A
Current to Baseline	N/A
2019 to 2020	N/A

**Note:** N/A has meanings as follows:

Energy Star Score: Not available for this type of property

Adjusted Energy Use: Not available for this property

Most other data: Not available due to insufficient or missing data