

# STATEMENT OF ENERGY PERFORMANCE

Riverside-Housing Unit 14  
 2 Riverside Rd  
 Boulder MT 59632

Date: 8/24/2021  
 Year Built: 1972  
 Parent: Riverside Correctional Facility

	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	12/31/2020
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	7,926	7,926	7,926	7,926	7,926	7,926	7,926 Sq. Ft.
Heating Degree Days	6778	7046	6715	7862	7820	8591	6940
Cooling Degree Days	730	517	551	731	432	398	506

## Reported Annual Energy Use:

Site Energy Use:	271.0	222.8	219.5	251.4	268.6	185.7	313.7 MBTU
Site EUI:	34,192	28,107	27,698	31,717	33,886	23,435	39,580 BTU/ft2
Electricity:	79,426	65,291	64,342	73,678	78,717	54,438	91,943 kWh
Max Electric Demand:	0.0	17.0	17.2	20.7	25.4	23.4	19.5 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$7,767	\$6,266	\$7,039	\$8,018	\$8,517	\$6,209	\$9,607
Electric Demand Cost:	\$0	\$1,563	\$1,767	\$2,247	\$2,482	\$1,823	\$2,279
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$7,767	\$6,266	\$7,039	\$8,018	\$8,517	\$6,209	\$9,607
Energy Cost/ft2	\$0.980	\$0.791	\$0.888	\$1.012	\$1.075	\$0.783	\$1.212

## Weather Normalized Energy Use:

Site Energy Use:	276.5	222.8	222.2	251.4	268.6	185.7	313.7 MBTU
Site EUI:	34,881	28,107	28,038	31,717	33,886	23,435	39,580 BTU/ft2
Electricity:	81,028	65,291	65,132	73,678	78,717	54,438	91,943 kWh
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

## National Median Energy Use:

Site Energy Use:	529.8	525.3	511.5	589.0	558.8	599.2	519.0 MBTU
Site EUI:	66,845	66,282	64,530	74,318	70,502	75,593	65,482 BTU/ft2

## % Difference from National Median:

Site EUI:	-48.85%	-57.60%	-57.08%	-57.32%	-51.94%	-69.00%	-39.56%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indirect Emissions:	23.2	18.4	18.8	21.5	23.0	15.9	26.8
Total Emissions:	23.2	19.1	18.8	21.5	23.0	15.9	26.8

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

Total Emissions:	45.3	44.9	43.7	50.4	47.8	51.2	44.4
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## Adjusted Energy Based on Current Year:

Site Energy Use:	265.5	220.1	222.8	221.5	249.4	160.9	313.7 MBTU
Site EUI:	33,493	27,767	28,107	27,941	31,470	20,296	39,580 BTU/ft2

## % Difference Adjusted Site Energy Use

2012 to Baseline	-17.10%
2015 to Baseline	-16.08%
2017 to Baseline	-16.58%
2018 to Baseline	-6.04%
2019 to Baseline	-39.40%
Current to Baseline	18.17%
2019 to 2020	95.01%

**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