

STATEMENT OF ENERGY PERFORMANCE

Riverside-Housing Unit 14
2 Riverside Rd
Boulder MT 59632

Date: 8/15/2022
Year Built: 1972
Parent: Riverside Correctional Facility

	Baseline:	2013	2016	2018	2019	2020	Current:
Energy Date:	12/31/2007	12/31/2013	12/31/2016	12/31/2018	12/31/2019	12/31/2020	12/31/2021
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
Heating Degree Days	6778	7351	6842	7820	8591	6940	6908
Cooling Degree Days	730	579	474	432	398	506	792

Reported Annual Energy Use:

Site Energy Use:	271.0	243.3	235.4	268.6	185.7	313.7	305.7 MBTU
Site EUI:	34.2	30.7	29.7	33.9	23.4	39.6	38.6 kBTU/ft2
Electricity:	79,426	71,312	69,002	78,717	54,438	91,943	89,592 kWh
Max Electric Demand:	0.0	20.0	17.5	25.4	23.4	19.5	20.0 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

Reported Annual Energy Cost:

Electricity Cost:	\$18,515	\$21,707	\$19,691	\$20,758	\$19,120	\$22,778	\$24,181
Electric Demand Cost:	\$0	\$1,992	\$1,784	\$2,482	\$1,823	\$2,279	\$169
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$7,767	\$7,362	\$7,313	\$8,517	\$6,209	\$9,607	\$9,501
Energy Cost/ft2	\$0.98	\$0.93	\$0.92	\$1.07	\$0.78	\$1.21	\$1.20

Weather Normalized Energy Use:

Site Energy Use:	276.5	243.3	235.4	268.6	185.7	313.7	305.7 MBTU
Site EUI:	34.9	30.7	29.7	33.9	23.4	39.6	38.6 kBTU/ft2
Electricity:	81,028	71,312	69,002	78,717	54,438	91,943	89,592 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	546.7	511.4	558.8	599.2	519.0	542.0 MBTU
Site EUI:	66.8	69.0	64.5	70.5	75.6	65.5	68.4 kBTU/ft2

% Difference from National Median:

Site EUI:	-49%	-56%	-54%	-52%	-69%	-40%	-44%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	0	0	0	0	0	0	0
Indirect Emissions:	25.9	23.3	22.5	25.7	17.8	30	29.3
Total Emissions:	25.9	23.3	22.5	25.7	17.8	30	29.3

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

Total Emissions:	50.7	52.3	48.9	53.5	57.3	49.7	51.9
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Adjusted Energy Based on Current Year:

Site Energy Use:	277.3	241.2	249.5	260.5	168.0	327.6	305.7 MBTU
Site EUI:	35	30.4	31.5	32.9	21.2	41.3	38.6 kBTU/ft2

% Difference Adjusted Site Energy Use

2013 to Baseline	-12.99%
2016 to Baseline	-9.99%
2018 to Baseline	-6.04%
2019 to Baseline	-39.40%
2020 to Baseline	18.17%
Current to Baseline	10.26%
2020 to 2021	-6.70%

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