

STATEMENT OF ENERGY PERFORMANCE

Riverside-Housing Unit 14
2 Riverside Rd
Boulder, MT 59632

Date: 11/22/2023
Year Built: 1972
Parent: Riverside Correctional Facility

	Baseline:	2014	2017	2019	2020	2021	Current:
Energy Date:	12/31/2007	12/31/2014	12/31/2017	12/31/2019	12/31/2020	12/31/2021	12/31/2022
Energy Star Score:	92	97	96	100	87	89	91
Gross Floor Area:	7,926	7,926	7,926	7,926	7,926	7,926	7,926 Sq. Ft.
Heating Degree Days	6778	7428	7862	8591	6940	6908	7804
Cooling Degree Days	730	469	731	398	506	792	720

Reported Annual Energy Use:

Site Energy Use:	271.0	222.2	251.4	185.7	313.7	302.7	311.6 MBTU
Site EUI:	34.2	28.0	31.7	23.4	39.6	38.2	39.3 kBTU/ft2
Electricity:	79,426	65,111	73,678	54,438	91,943	88,730	91,312 kWh
Max Electric Demand:	N/A	18.0	20.7	23.4	19.5	20.0	23.3 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	\$6,760	\$8,018	\$6,209	\$9,607	\$9,456	\$10,046
Electric Demand Cost:	N/A	\$1,759	\$2,247	\$1,823	\$2,279	\$169	N/A
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$7,767	\$6,760	\$8,018	\$6,209	\$9,607	\$9,456	\$10,046
Energy Cost/ft2	\$0.98	\$0.85	\$1.01	\$0.78	\$1.21	\$1.19	\$1.27

Weather Normalized Energy Use:

Site Energy Use:	276.5	222.5	251.4	185.7	313.7	302.7	311.6 MBTU
Site EUI:	34.9	28.1	31.7	23.4	39.6	38.2	39.3 kBTU/ft2
Electricity:	81,028	65,207	73,678	54,438	91,943	88,730	91,312 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	541.1	589.0	599.2	519.0	542.0	584.7 kBTU
Site EUI:	66.8	68.3	74.3	75.6	65.5	68.4	73.8 kBTU/ft2

% Difference from National Median:

Site EUI:	-48.8%	-58.9%	-57.3%	-69.0%	-39.6%	-44.1%	-46.7%
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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:	31.1	27.0	21.9	17.8	25.2	25.7	26.4
Total Emissions:	31.1	27.0	21.9	17.8	25.2	25.7	26.4

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

Total Emissions:	60.8	65.7	51.3	57.3	41.7	46.0	49.6
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Adjusted Energy Based on Current Year:

Site Energy Use:	299.1	240.1	249.5	181.2	353.5	326.6	311.6 kBTU
Site EUI:	37.7	30.3	31.5	22.9	44.6	41.2	39.3 kBTU/ft2

% Difference Adjusted Site Energy Use

2014 to Baseline	-19.73%
2017 to Baseline	-16.58%
2019 to Baseline	-39.40%
2020 to Baseline	18.17%
2021 to Baseline	9.19%
Current to Baseline	4.16%
2021 to 2022	-4.61%

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