

STATEMENT OF ENERGY PERFORMANCE

Riverside Correctional Facility
2 Riverside Rd
Boulder

Date: 9/7/2018
Year Built: 1972

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017
Energy Star Score:	N/A	N/A	N/A	N/A
Gross Floor Area:	38,655	38,655	38,655	38,655 Sq. Ft.
Heating Degree Days	6,778	7,046	7,351	7,862
Cooling Degree Days	730	517	579	731

Reported Annual Energy Use:

Site Energy Use:	4251.93	2740.54	2773.43	2520.53 MBTU
Site EUI:	109,997	70,897	71,748	65,206 BTU/ft ²
Electricity:	180,629	194,246	183,879	171,819 kWh
Max Electric Demand:	0	0	0	0 kW
Natural Gas:	36,356	20,778	21,460	19,343 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$18,515	\$21,893	\$21,707	\$21,015
Electric Demand Cost:	\$0	\$0	\$0	\$0
Natural Gas Cost:	\$37,347	\$16,677	\$17,213	\$14,734
Energy Cost/ft ²	\$1.445	\$0.998	\$1.007	\$0.925

Weather Normalized Energy Use:

Site Energy Use:	4589.01	2869.43	2845.32	2520.53 MBTU
Site EUI:	118,717	74,232	73,608	65,206 BTU/ft ²
Electricity:	181,851	195,210	184,666	171,819 kWh
Natural Gas:	39,685	22,034	22,152	19,343 Therms

National Median Energy Use:

Site Energy Use:	4636.44	4102.82	4180.39	4148.40 MBTU
Site EUI:	119,944	106,139	108,146	107,319 BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	193.1	110.4	114	102.7
Indirect Emissions:	54	58	55	51
Total Emissions:	247	168	169	154

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

Total Emissions:	269.1	251.7	254.2	253.2
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% Difference from National Median:

Site EUI:	-8.29	-33.20	-33.66	-39.24
Total Emissions:	-8.29	-33.21	-33.67	-39.26

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