

STATEMENT OF ENERGY PERFORMANCE

Fort Harrison Annex 1007-1008

Mt Majo Street

Helena, MT 59601

Date: 11/27/2023

Year Built: 1991

Parent: N/A

	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:	69	59	57	60	63	58	59
Gross Floor Area:	9,892	9,892	9,892	9,892	9,892	9,892	9,892 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:	426.2	539.8	554.6	583.5	505.9	527.9	548.0 MBTU
Site EUI:	43.1	54.6	56.1	59.0	51.1	53.4	55.4 kBTU/ft2
Electricity:	98,494	106,076	114,250	100,777	97,541	110,137	108,474 kWh
Max Electric Demand:	38.0	42.0	37.2	38.0	44.0	39.6	39.2 kW
Natural Gas:	901	1,779	1,648	2,397	1,731	1,521	1,779 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$9,341	\$12,109	\$13,001	\$12,071	\$12,161	\$13,456	\$13,307
Electric Demand Cost:	\$3,067	\$3,995	\$4,126	\$4,093	\$4,391	\$210	N/A
Natural Gas Cost:	\$1,502	\$1,720	\$1,327	\$1,692	\$1,283	\$1,402	\$1,762
Total Energy Cost:	\$10,843	\$13,829	\$14,328	\$13,762	\$13,443	\$14,858	\$15,069
Energy Cost/ft2	\$1.10	\$1.40	\$1.45	\$1.39	\$1.36	\$1.50	\$1.52

Weather Normalized Energy Use:

Site Energy Use:	451.4	541.3	525.5	532.5	527.1	538.3	536.7 MBTU
Site EUI:	45.6	54.7	53.1	53.8	53.3	54.4	54.3 kBTU/ft2
Electricity:	102,096	106,076	107,912	97,763	98,390	110,137	108,474 kWh
Natural Gas:	1,031	1,794	1,573	1,990	1,914	1,625	1,666 Therms

National Median Energy Use:

Site Energy Use:	555.3	611.0	611.1	672.2	609.5	591.5	622.9 kBTU
Site EUI:	56.1	61.8	61.8	68.0	61.6	59.8	63.0 kBTU/ft2

% Difference from National Median:

Site EUI:	-23.3%	-11.7%	-9.2%	-13.2%	-17.0%	-10.7%	-12.0%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	4.8	9.4	8.8	12.7	9.2	8.1	9.5
Indirect Emissions:	38.6	43.9	34.0	32.9	26.7	31.9	31.4
Total Emissions:	43.4	53.4	42.7	45.6	35.9	40.0	40.9

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

Total Emissions:	56.5	60.4	47.1	52.6	43.3	44.8	46.5
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Adjusted Energy Based on Current Year:

Site Energy Use:	439.1	552.4	553.5	579.9	524.2	540.5	548.0 kBTU
Site EUI:	44.4	55.8	56.0	58.6	53.0	54.6	55.4 kBTU/ft2

% Difference Adjusted Site Energy Use

2014 to Baseline	25.82%
2017 to Baseline	26.06%
2019 to Baseline	32.08%
2020 to Baseline	19.39%
2021 to Baseline	23.11%
Current to Baseline	24.82%
2021 to 2022	1.39%

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