

STATEMENT OF ENERGY PERFORMANCE

Fort Harrison AFRC
Mt Majo
Helena, MT 59601

Date: 11/27/2023
Year Built: 2000
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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	220,000	220,000	220,000	220,000	220,000	220,000	220,000 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:	15796.2	13232.1	10494.5	11440.8	10491.0	11308.2	10853.1 MBTU
Site EUI:	71.8	60.1	47.7	52.0	47.7	51.4	49.3 kBTU/ft2
Electricity:	2,327,770	1,975,179	1,680,762	1,548,999	1,544,693	1,647,064	1,527,747 kWh
Max Electric Demand:	602.0	555.2	504.0	443.2	449.6	473.6	419.2 kW
Natural Gas:	78,538	64,928	47,598	61,557	52,205	56,884	56,404 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$194,210	\$193,732	\$175,631	\$166,568	\$171,679	\$179,401	\$169,197
Electric Demand Cost:	\$48,047	\$45,616	\$45,185	\$45,474	\$50,013	\$1,709	N/A
Natural Gas Cost:	\$80,177	\$56,334	\$34,116	\$39,999	\$34,600	\$47,280	\$52,814
Total Energy Cost:	\$274,387	\$250,065	\$209,747	\$206,567	\$206,279	\$226,681	\$222,011
Energy Cost/ft2	\$1.25	\$1.14	\$0.95	\$0.94	\$0.94	\$1.03	\$1.01

Weather Normalized Energy Use:

Site Energy Use:	16004.5	13240.4	10292.5	10883.1	10793.8	11452.4	10653.4 MBTU
Site EUI:	72.7	60.2	46.8	49.5	49.1	52.1	48.4 kBTU/ft2
Electricity:	2,277,278	1,957,962	1,660,281	1,545,628	1,532,909	1,612,934	1,501,700 kWh
Natural Gas:	82,344	65,598	46,276	56,094	55,635	59,491	55,296 Therms

National Median Energy Use:

Site Energy Use:	10176.7	10117.0	9789.2	10568.1	10180.6	10230.8	10388.7 kBTU
Site EUI:	46.3	46.0	44.5	48.0	46.3	46.5	47.2 kBTU/ft2

% Difference from National Median:

Site EUI:	55.2%	30.8%	7.2%	8.3%	3.0%	10.5%	4.5%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	416.8	344.9	252.8	327.0	277.3	302.1	299.6
Indirect Emissions:	911.6	818.3	499.6	505.8	423.0	477.0	442.5
Total Emissions:	1328.4	1163.2	752.5	832.7	700.3	779.2	742.1

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

Total Emissions:	855.8	889.3	701.9	769.2	679.6	704.9	710.3
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Adjusted Energy Based on Current Year:

Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU/ft2

% Difference Adjusted Site Energy Use

2014 to Baseline	N/A	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
2017 to Baseline	N/A	
2019 to Baseline	N/A	
2020 to Baseline	N/A	
2021 to Baseline	N/A	
Current to Baseline	N/A	
2021 to 2022	N/A	