

STATEMENT OF ENERGY PERFORMANCE

MT Law Enforcement Academy
2260 Sierra Road East
Helena, MT 59602

Date: 11/27/2023
Year Built: 1920
Parent: MT Law Enforcement Academy

	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:	75,722	92,994	92,994	92,994	92,994	92,994	92,994 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:	6611.8	7344.1	7819.3	7602.8	6446.6	6521.0	6840.3 MBTU
Site EUI:	87.3	79.0	84.1	81.8	69.3	70.1	73.6 kBTU/ft2
Electricity:	303,623	457,782	486,781	612,288	740,905	834,795	823,987 kWh
Max Electric Demand:	83.0	114.0	120.0	151.2	169.2	204.0	194.4 kW
Natural Gas:	55,759	57,821	61,584	55,136	39,187	36,727	40,288 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$24,435	\$42,143	\$47,558	\$61,827	\$72,825	\$80,749	\$82,686
Electric Demand Cost:	\$6,317	\$8,704	\$10,350	\$13,362	\$13,744	N/A	N/A
Natural Gas Cost:	\$59,472	\$52,566	\$45,830	\$38,026	\$28,194	\$32,297	\$39,339
Total Energy Cost:	\$83,907	\$94,710	\$93,388	\$99,852	\$101,018	\$113,046	\$122,025
Energy Cost/ft2	\$1.11	\$1.02	\$1.00	\$1.07	\$1.09	\$1.22	\$1.31

Weather Normalized Energy Use:

Site Energy Use:	7160.7	7345.5	7726.3	6976.1	6831.4	6810.2	6676.3 MBTU
Site EUI:	94.6	79.0	83.1	75.0	73.5	73.2	71.8 kBTU/ft2
Electricity:	307,079	455,011	478,406	596,061	757,309	837,412	809,444 kWh
Natural Gas:	61,129	57,930	60,940	49,423	42,475	39,530	39,145 Therms

National Median Energy Use:

Site Energy Use:	12191.5	7215.6	7218.0	6703.4	5910.5	5655.9	5800.1 kBTU
Site EUI:	161.0	77.6	77.6	72.1	63.6	60.8	62.4 kBTU/ft2

% Difference from National Median:

Site EUI:	-45.8%	1.8%	8.3%	13.4%	9.1%	15.3%	17.9%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	295.9	307.1	327.1	292.9	208.1	195.1	214.0
Indirect Emissions:	118.9	189.7	144.7	199.9	202.9	241.8	238.6
Total Emissions:	414.8	496.8	471.8	492.8	411.0	436.8	452.6

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

Total Emissions:	764.9	488.1	435.5	434.5	376.9	378.9	383.8
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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	