

STATEMENT OF ENERGY PERFORMANCE

MDT-Billings Armory
1961 HWY 3 Airport Road
Billings MT 59105

Date: 8/24/2021
Year Built: 1960
Parent: N/A

	Baseline:	2012	2015	2017	2018	2019	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2017	12/31/2018	12/31/2019	12/31/2020
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	13,587	13,587	13,587	13,587	13,587	13,587	13,587 Sq. Ft.
Heating Degree Days	6634	6093	6079	6901	7387	7662	6596
Cooling Degree Days	841	945	723	844	517	748	702

Reported Annual Energy Use:

Site Energy Use:	1152.9	839.1	820.5	808.7	914.3	1009.9	822.7 MBTU
Site EUI:	84,853	61,756	60,390	59,522	67,292	74,331	60,550 BTU/ft2
Electricity:	42,632	69,040	78,542	73,927	82,423	83,224	81,530 kWh
Max Electric Demand:	20.0	26.0	25.6	26.8	30.4	29.6	28.8 kW
Natural Gas:	10,074	6,035	5,525	5,565	6,331	7,260	5,445 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$4,322	\$7,414	\$9,017	\$8,603	\$9,181	\$9,855	\$9,640
Electric Demand Cost:	\$1,564	\$2,443	\$2,616	\$2,790	\$2,871	\$3,255	\$3,080
Natural Gas Cost:	\$7,715	\$3,746	\$3,844	\$3,693	\$4,041	\$4,506	\$3,361
Total Energy Cost:	\$12,038	\$11,159	\$12,861	\$12,296	\$13,222	\$14,361	\$13,001
Energy Cost/ft2	\$0.886	\$0.821	\$0.947	\$0.905	\$0.973	\$1.057	\$0.957

Weather Normalized Energy Use:

Site Energy Use:	1173.9	893.1	875.5	786.1	829.5	904.3	831.9 MBTU
Site EUI:	86,397	65,735	64,436	57,856	61,052	66,559	61,227 BTU/ft2
Electricity:	42,357	69,040	78,542	73,927	82,423	83,224	80,827 kWh
Natural Gas:	10,294	6,576	6,075	5,339	5,483	6,204	5,561 Therms

National Median Energy Use:

Site Energy Use:	1035.9	854.1	811.8	824.9	828.8	853.7	801.9 MBTU
Site EUI:	76,243	62,862	59,751	60,715	61,003	62,832	59,017 BTU/ft2

% Difference from National Median:

Site EUI:	11.29%	-1.76%	1.07%	-1.96%	10.31%	18.30%	2.60%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	53.5	32.1	29.3	29.6	33.6	38.6	28.9
Indirect Emissions:	12.4	20.4	22.9	21.6	24.1	24.3	23.8
Total Emissions:	66.0	52.2	52.3	51.1	57.7	62.8	52.7

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

Total Emissions:	59.3	53.1	51.7	52.2	52.3	53.1	51.4
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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 MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2

% Difference Adjusted Site Energy Use

2012 to Baseline	N/A
2015 to Baseline	N/A
2017 to Baseline	N/A
2018 to Baseline	N/A
2019 to Baseline	N/A
Current to Baseline	N/A
2019 to 2020	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