

# STATEMENT OF ENERGY PERFORMANCE

MDT-Billings Armory  
1961 HWY 3 Airport Road  
Billings

Date: 9/7/2018  
Year Built: 1960

	<b>Baseline:</b>	<b>2012</b>	<b>12/31/2013</b>	<b>Current:</b>	
Energy Date:	12/31/2007	11/30/2012	12/31/2013	11/30/2012	
Energy Star Score:	N/A	N/A	N/A	N/A	
Gross Floor Area:	13,587	13,587	13,587	13,587	Sq. Ft.
Heating Degree Days	6,634	6,093	6,939	5,988	
Cooling Degree Days	841	945	777	945	

### Reported Annual Energy Use:

Site Energy Use:	1152.90	835.70	N/A	835.70	MBTU
Site EUI:	84,853	61,507	N/A	61,507	BTU/ft <sup>2</sup>
Electricity:	42,632	69,040	76,136	68,282	kWh
Max Electric Demand:	20	26	28	26	kW
Natural Gas:	10,074	6,027	0	6,027	Therms

### Reported Annual Energy Cost:

Electricity Cost:	\$4,322	\$7,414	\$8,412	\$7,315
Electric Demand Cost:	\$1,564	\$2,443	\$2,684	\$2,419
Natural Gas Cost:	\$7,715	\$3,818	\$0	\$3,818
Energy Cost/ft <sup>2</sup>	\$0.886	\$0.819	N/A	\$0.819

### Weather Normalized Energy Use:

Site Energy Use:	1173.87	903.93	N/A	903.93	MBTU
Site EUI:	86,397	66,529	N/A	66,529	BTU/ft <sup>2</sup>
Electricity:	42,357	69,040	76,136	68,282	kWh
Natural Gas:	10,294	6,710	0	6,710	Therms

### National Median Energy Use:

Site Energy Use:	1035.92	650.36	650.36	856.02	MBTU
Site EUI:	76,243	47,867	47,867	63,003	BTU/ft <sup>2</sup>

### Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	53.5	32	0	32
Indirect Emissions:	13	21	23	20
Total Emissions:	66	52	N/A	52

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

Total Emissions:	59.5	47.9	47.9	53.6
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### % Difference from National Median:

Site EUI:	11.29	28.50	N/A	-2.37
Total Emissions:	11.26	9.19	N/A	-2.43

### 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 <sup>2</sup>

### % 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