

STATEMENT OF ENERGY PERFORMANCE

Montana Women's Prison
701 27th Street South
Billings, MT 59101

Date: 11/27/2023
Year Built: 1985
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:	83,638	83,638	83,638	83,638	83,638	83,638	83,638 Sq. Ft.
Heating Degree Days	6634	7059	6901	7662	6596	6523	7256
Cooling Degree Days	841	586	844	748	702	999	862

Reported Annual Energy Use:

Site Energy Use:	14221.8	N/A	12173.0	10403.4	9296.2	9515.5	9159.7 MBTU
Site EUI:	170.0	N/A	145.5	124.4	111.1	113.8	109.5 kBTU/ft2
Electricity:	1,792,125	1,699,713	1,521,231	1,170,193	1,166,225	1,173,190	1,174,960 kWh
Max Electric Demand:	286.0	260.0	271.2	217.6	217.6	197.6	1402.0 kW
Natural Gas:	81,071	N/A	69,826	64,107	53,171	55,126	51,507 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$148,123	\$162,577	\$161,547	\$123,486	\$125,777	\$127,688	\$127,196
Electric Demand Cost:	\$35,601	\$34,755	\$34,928	\$31,938	\$33,796	N/A	N/A
Natural Gas Cost:	\$20,113	N/A	\$48,182	\$44,888	\$35,668	\$40,736	\$32,801
Total Energy Cost:	\$168,236	N/A	\$209,729	\$168,374	\$161,444	\$168,424	\$159,997
Energy Cost/ft2	\$2.01	N/A	\$2.51	\$2.01	\$1.93	\$2.01	\$1.91

Weather Normalized Energy Use:

Site Energy Use:	14378.7	N/A	12064.8	10024.0	9374.8	9500.2	8788.8 MBTU
Site EUI:	171.9	N/A	144.3	119.8	112.1	113.6	105.1 kBTU/ft2
Electricity:	1,770,690	1,696,650	1,521,231	1,166,829	1,160,144	1,142,091	1,146,867 kWh
Natural Gas:	83,371	N/A	68,744	60,428	54,163	56,034	48,757 Therms

National Median Energy Use:

Site Energy Use:	7255.9	5843.0	7281.1	7596.4	7269.4	7321.9	7201.9 kBTU
Site EUI:	86.8	69.9	87.1	90.8	86.9	87.5	86.1 kBTU/ft2

% Difference from National Median:

Site EUI:	96.0%	N/A	67.2%	37.0%	27.9%	30%	27.2%
-----------	-------	-----	-------	-------	-------	-----	-------

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	430.3	N/A	370.9	340.5	282.4	292.8	273.6
Indirect Emissions:	701.8	704.2	452.2	382.1	319.4	339.8	340.3
Total Emissions:	1132.1	N/A	823.1	722.6	601.8	632.6	613.9

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

Total Emissions:	577.6	551.6	492.3	527.6	470.6	486.7	482.7
------------------	-------	-------	-------	-------	-------	-------	-------

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	