

STATEMENT OF ENERGY PERFORMANCE

Montana Women's Prison
701 27th St S
Billings MT 59101

Date: 8/15/2022
Year Built: 1985
Parent: N/A
Gross Floor Area: 83,638

	Baseline:	2013	2016	2018	2019	2020	Current:
Energy Date:	12/31/2007	12/31/2013	12/31/2016	12/31/2018	12/31/2019	12/31/2020	12/31/2021
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Heating Degree Days	6634	6939	6051	7387	7662	6596	6596
Cooling Degree Days	841	777	713	517	748	702	702

Reported Annual Energy Use:

Site Energy Use:	14,221.8	N/A	N/A	10,423.0	10,403.4	9,296.2	9,296.2 MBTU
Site EUI:	145.8	142.4	138.6	140.5	142.2	126.6	122.6 kBTU/ft2
Electricity:	1,792,125	1,706,138	1,591,045	1,198,096	1,170,193	1,166,225	1,166,225 kWh
Max Electric Demand:	286	270	271.2	208.8	217.6	217.6	217.6 kW
Natural Gas:	81,071	N/A	N/A	63,351	64,107	53,171	53,171 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$148,123	\$158,850	\$186,970	\$120,350	\$123,486	\$125,777	\$125,777
Electric Demand Cost:	\$35,601	\$34,232	\$36,155	\$53,116	\$31,938	\$33,796	\$33,796
Natural Gas Cost:	\$20,113	N/A	N/A	\$43,615	\$44,888	\$35,668	\$35,668
Total Energy Cost:	\$168,236	N/A	N/A	\$163,965	\$168,374	\$161,444	\$161,444
Energy Cost/ft2	\$2.01	N/A	N/A	\$1.96	\$2.01	\$1.93	\$1.93

Weather Normalized Energy Use:

Site Energy Use:	14,378.7	N/A	N/A	10,076.2	10,024.0	9,374.8	9,374.8 MBTU
Site EUI:	171.9	N/A	N/A	120.5	119.8	112.1	112.1 kBTU/ft2
Electricity:	1,770,690	1,704,564	1,577,443	1,198,096	1,166,829	1,160,144	1,160,144 kWh
Natural Gas:	83,371	N/A	N/A	59,883	60,428	54,163	54,163 Therms

National Median Energy Use:

Site Energy Use:	7255.9	5843.0	5843.0	7532.0	7596.4	7269.4	7269.4 MBTU
Site EUI:	86.8	69.9	69.9	90.1	90.8	86.9	86.9 kBTU/ft2

% Difference from National Median:

Site EUI:	96%	N/A	N/A	38%	37%	28%	28%
-----------	-----	-----	-----	-----	-----	-----	-----

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	430.6	N/A	N/A	336.5	340.5	282.4	282.4
Indirect Emissions:	585.2	557.1	519.5	391.2	382.1	380.8	380.8
Total Emissions:	1015.8	N/A	N/A	727.7	722.6	663.2	663.2

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

Total Emissions:	518.2	460.7	460.7	525.8	527.6	518.6	518.6
------------------	-------	-------	-------	-------	-------	-------	-------

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 kBTU/ft2

% Difference Adjusted Site Energy Use

2013 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
2016 to Baseline	N/A	
2018 to Baseline	N/A	
2019 to Baseline	N/A	
2020 to Baseline	N/A	
Current to Baseline	N/A	
2020 to 2021	N/A	