

STATEMENT OF ENERGY PERFORMANCE

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

Date: 8/24/2021
Year Built: 1985
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:	83,638	83,638	83,638	83,638	83,638	83,638	83,638 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:	14221.8	11556.4	N/A	12173.0	10423.0	10403.4	9296.2 MBTU
Site EUI:	170,040	138,172	N/A	145,544	124,620	124,386	111,148 BTU/ft2
Electricity:	1,792,125	1,705,501	1,619,994	1,521,231	1,198,096	1,170,193	1,166,225 kWh
Max Electric Demand:	286.0	270.0	269.6	271.2	208.8	217.6	217.6 kW
Natural Gas:	81,071	57,373	N/A	69,826	63,351	64,107	53,171 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$148,123	\$154,410	\$166,904	\$161,547	\$120,350	\$123,486	\$125,777
Electric Demand Cost:	\$35,601	\$34,422	\$36,725	\$34,928	\$53,116	\$31,938	\$33,796
Natural Gas Cost:	\$20,113	\$15,212	N/A	\$34,028	\$30,415	\$23,298	\$16,961
Total Energy Cost:	\$168,236	\$169,622	N/A	\$195,575	\$150,765	\$146,784	\$142,738
Energy Cost/ft2	\$2.011	\$2.028	N/A	\$2.338	\$1.803	\$1.755	\$1.707

Weather Normalized Energy Use:

Site Energy Use:	14404.0	11942.7	N/A	12064.8	10076.2	10042.9	9402.9 MBTU
Site EUI:	172,219	142,791	N/A	144,250	120,474	120,076	112,424 BTU/ft2
Electricity:	1,778,121	1,684,801	1,605,408	1,521,231	1,198,096	1,172,433	1,168,484 kWh
Natural Gas:	83,371	61,942	N/A	68,744	59,883	60,426	54,160 Therms

National Median Energy Use:

Site Energy Use:	7255.9	6772.0	5843.0	7281.1	7532.0	7596.4	7269.4 MBTU
Site EUI:	86,753	80,968	69,861	87,055	90,055	90,825	86,915 BTU/ft2

% Difference from National Median:

Site EUI:	96.00%	70.65%	N/A	67.19%	38.38%	36.95%	27.88%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	430.6	304.7	N/A	370.9	336.5	340.5	282.4
Indirect Emissions:	523.0	496.7	472.7	443.9	349.6	341.5	340.3
Total Emissions:	953.6	802.4	N/A	814.8	686.1	682.0	622.7

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

Total Emissions:	486.5	470.2	424.8	487.4	495.8	498.0	487.0
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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