

STATEMENT OF ENERGY PERFORMANCE

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

Date: 9/7/2018
Year Built: 1985

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	11/30/2012	12/31/2013	12/31/2017
Energy Star Score:	N/A	N/A	N/A	N/A
Gross Floor Area:	83,638	83,638	83,638	83,638 Sq. Ft.
Heating Degree Days	6,634	5,988	6,939	6,901
Cooling Degree Days	841	945	777	844

Reported Annual Energy Use:

Site Energy Use:	14222.62	12232.99	N/A	11987.58 MBTU
Site EUI:	170,050	146,261	N/A	143,327 BTU/ft ²
Electricity:	1,792,125	1,698,117	1,706,138	1,521,231 kWh
Max Electric Demand:	286	270	270	271 kW
Natural Gas:	81,079	64,390	0	67,971 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$148,123	\$153,542	\$158,850	\$154,107
Electric Demand Cost:	\$35,601	\$34,516	\$34,232	\$34,928
Natural Gas Cost:	\$20,113	\$15,212	\$0	\$34,186
Energy Cost/ft ²	\$2.011	\$2.018	N/A	\$2.251

Weather Normalized Energy Use:

Site Energy Use:	14404.79	12810.09	N/A	11892.99 MBTU
Site EUI:	172,228	153,161	N/A	142,196 BTU/ft ²
Electricity:	1,778,121	1,677,633	1,704,993	1,521,231 kWh
Natural Gas:	83,378	70,860	0	67,026 Therms

National Median Energy Use:

Site Energy Use:	7256.06	6960.68	5843.05	7234.60 MBTU
Site EUI:	86,756	83,224	69,861	86,499 BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	430.6	342	0	361
Indirect Emissions:	533	505	507	452
Total Emissions:	963	847	N/A	813

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

Total Emissions:	491.5	430.4	430.4	490.8
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% Difference from National Median:

Site EUI:	96.01	75.74	N/A	65.70
Total Emissions:	96.01	96.75	N/A	65.71

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 ²

% 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