

STATEMENT OF ENERGY PERFORMANCE

Montana State Prison
 Conley Lake Rd
 Deer Lodge MT 59722

Date: 8/15/2022
 Year Built: 1975
 Parent: N/A

	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
Gross Floor Area:	765,407	777,694	783,356	789,310	789,310	789,310	789,310
Heating Degree Days	6778	7351	6842	7820	8591	6940	6908
Cooling Degree Days	730	579	474	432	398	506	792

Reported Annual Energy Use:

Site Energy Use:	111,585	110,726	108,560	110,863	112,273	99,893	96,750 MBTU
Site EUI:	145.8	142.4	138.6	140.5	142.2	126.6	122.6 kBtu/ft2
Electricity:	8,938,647	8,661,723	7,844,589	7,535,840	7,610,549	7,226,834	7,014,990 kWh
Max Electric Demand:	1638	1546	1468	1368	1421	1334	2192 kW
Natural Gas:	810,860	811,720	817,940	851,510	863,060	752,350	728,150 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$654,920	\$739,083	\$744,701	\$684,186	\$734,839	\$690,820	\$666,240
Electric Demand Cost:	\$136,573	\$118,470	\$127,046	\$126,549	\$137,880	\$118,183	N/A
Natural Gas Cost:	\$675,622	\$486,716	\$431,189	\$315,088	\$277,140	\$248,952	\$280,654
Total Energy Cost:	\$1,330,542	\$1,225,799	\$1,175,890	\$999,274	\$1,011,978	\$939,772	\$946,894
Energy Cost/ft2	\$1.74	\$1.58	\$1.50	\$1.27	\$1.28	\$1.19	\$1.20

Weather Normalized Energy Use:

Site Energy Use:	116,476	112,664	113,360	109,369	106,467	103,838	101,725 MBTU
Site EUI:	93.4	97.2	97.9	97.6	97.9	91	82.1 kBtu/ft2
Electricity:	9,040,305	8,632,292	7,919,367	7,502,848	7,508,359	7,291,754	7,066,006 kWh
Natural Gas:	856,302	832,109	863,391	837,696	808,488	789,583	776,159 Therms

National Median Energy Use:

Site Energy Use:	78,311	80,157	82,682	84,775	84,840	83,282	83,228 MBTU
Site EUI:	102.3	103.1	105.5	107.4	107.5	105.5	105.4 kBtu/ft2

% Difference from National Median:

Site EUI:	43%	38%	31%	31%	32%	20%	16%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	4,307	4,311	4,345	4,523	4,584	3,996	3,868
Indirect Emissions:	2,919	2,828	2,561	2,461	2,485	2,360	2,291
Total Emissions:	7,226	7,140	6,906	6,983	7,069	6,356	6,158

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

Total Emissions:	5,071	5,169	5,260	5,340	5,342	5,299	5,297
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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 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	