

# STATEMENT OF ENERGY PERFORMANCE

Montana State Prison  
 Conley Lake Rd  
 Deer Lodge MT 59722

Date: 8/24/2021  
 Year Built: 1975  
 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:	765,407	777,694	779,079	789,310	789,310	789,310	789,310 Sq. Ft.
Heating Degree Days	6778	7046	6715	7862	7820	8591	6940
Cooling Degree Days	730	517	551	731	432	398	506

## Reported Annual Energy Use:

Site Energy Use:	111584.7	107013.1	109512.7	113107.6	110863.3	112273.2	99893.0 MBTU
Site EUI:	145,785	137,603	140,567	143,299	140,456	142,242	126,557 BTU/ft2
Electricity:	8,938,647	8,523,770	8,198,046	7,622,694	7,535,840	7,610,549	7,226,834 kWh
Max Electric Demand:	1638.0	1540.0	1505.0	1490.0	1368.0	1421.0	1334.0 kW
Natural Gas:	810,860	779,300	815,410	870,990	851,510	863,060	752,350 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$654,920	\$701,932	\$768,402	\$706,689	\$684,186	\$734,839	\$690,820
Electric Demand Cost:	\$136,573	\$128,657	\$127,101	\$130,489	\$126,549	\$137,880	\$118,183
Natural Gas Cost:	\$675,622	\$514,039	\$427,910	\$408,288	\$315,088	\$277,140	\$248,952
Total Energy Cost:	\$1,330,542	\$1,215,971	\$1,196,312	\$1,114,977	\$999,274	\$1,011,978	\$939,772
Energy Cost/ft2	\$1.738	\$1.564	\$1.536	\$1.413	\$1.266	\$1.282	\$1.191

## Weather Normalized Energy Use:

Site Energy Use:	116475.7	110537.3	115194.1	112973.5	109369.3	106467.4	103837.8 MBTU
Site EUI:	152,175	142,135	147,859	143,129	138,563	134,887	131,555 BTU/ft2
Electricity:	9,040,305	8,551,337	8,282,841	7,583,392	7,502,848	7,508,359	7,291,754 kWh
Natural Gas:	856,302	813,601	869,331	870,990	837,696	808,488	789,583 Therms

## National Median Energy Use:

Site Energy Use:	78310.9	79709.7	81378.0	84977.3	84774.8	84840.3	83281.6 MBTU
Site EUI:	102,313	102,495	104,454	107,660	107,404	107,487	105,512 BTU/ft2

## % Difference from National Median:

Site EUI:	42.49%	34.25%	34.57%	33.10%	30.77%	32.33%	19.95%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	4306.9	4139.2	4331.0	4626.2	4522.8	4584.1	3996.1
Indirect Emissions:	2608.4	2551.0	2392.3	2224.4	2199.1	2220.9	2108.9
Total Emissions:	6915.3	6626.6	6723.3	6850.6	6721.8	6805.0	6105.0

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

Total Emissions:	4853.2	4935.9	4996.0	5146.9	5140.0	5142.2	5089.8
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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