

STATEMENT OF ENERGY PERFORMANCE

Montana State Prison
Conley Lake Rd
Deer Lodge

Date: 9/7/2018
Year Built: 1975

	Baseline:	2012	12/31/2013	Current:	
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017	
Energy Star Score:	N/A	N/A	N/A	N/A	
Gross Floor Area:	735,325	749,324	749,324	749,324	Sq. Ft.
Heating Degree Days	6,778	7,046	7,351	7,862	
Cooling Degree Days	730	517	579	731	

Reported Annual Energy Use:

Site Energy Use:	111584.67	107013.11	110725.80	113107.64	MBTU
Site EUI:	151,749	142,813	147,768	150,946	BTU/ft ²
Electricity:	8,938,647	8,523,770	8,661,723	7,622,694	kWh
Max Electric Demand:	1,638	1,540	1,546	1,490	kW
Natural Gas:	810,860	779,300	811,720	870,990	Therms

Reported Annual Energy Cost:

Electricity Cost:	\$654,920	\$701,932	\$739,083	\$714,592	
Electric Demand Cost:	\$136,573	\$128,657	\$118,470	\$130,489	
Natural Gas Cost:	\$675,622	\$514,039	\$486,716	\$408,886	
Energy Cost/ft ²	\$1.809	\$1.623	\$1.636	\$1.499	

Weather Normalized Energy Use:

Site Energy Use:	116475.69	110537.29	112664.32	112973.54	MBTU
Site EUI:	158,400	147,516	150,355	150,767	BTU/ft ²
Electricity:	9,040,305	8,551,337	8,632,292	7,583,392	kWh
Natural Gas:	856,302	813,601	832,109	870,990	Therms

National Median Energy Use:

Site Energy Use:	75233.15	76626.41	77056.13	80672.35	MBTU
Site EUI:	102,313	102,261	102,834	107,660	BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	4306.9	4139.2	4311.4	4626.2	
Indirect Emissions:	2,657	2,534	2,575	2,266	
Total Emissions:	6,964	6,673	6,886	6,892	

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

Total Emissions:	4695.4	4778.3	4792.3	4915.8	
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% Difference from National Median:

Site EUI:	48.32	39.66	43.69	40.21	
Total Emissions:	48.32	39.65	43.70	40.21	

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