

STATEMENT OF ENERGY PERFORMANCE

Pine Hills Youth Correction Facility
4 N Haynes Avenue
Miles City, MT 59301

Date: 11/27/2023
Year Built: 1966
Parent: Pine Hills Youth Correction Facility

	Baseline:	2014	2017	2019	2020	2021	Current:
Energy Date:	12/31/2007	12/31/2014	12/31/2017	12/31/2019	12/31/2020	12/31/2021	12/31/2022
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	119,507	121,907	121,907	121,907	121,907	121,907	121,907 Sq. Ft.
Heating Degree Days	7024	7909	7320	8583	7321	7314	8098
Cooling Degree Days	1063	621	1022	565	736	1055	928

Reported Annual Energy Use:

Site Energy Use:	21259.4	N/A	17077.3	19739.3	17919.5	15366.4	16256.4 MBTU
Site EUI:	177.9	N/A	140.1	161.9	147.0	126.1	133.4 kBTU/ft2
Electricity:	2,076,208	1,900,934	1,576,898	1,465,807	1,411,212	1,447,917	1,433,890 kWh
Max Electric Demand:	501.5	427.0	434.0	403.5	348.5	389.3	347.5 kW
Natural Gas:	141,754	N/A	116,969	147,380	131,044	104,261	113,640 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$101,013	\$118,746	\$118,368	\$125,975	\$119,641	\$124,878	\$125,279
Electric Demand Cost:	\$24,105	\$33,763	\$41,367	\$36,642	\$37,140	\$38,363	\$36,757
Natural Gas Cost:	\$30,957	N/A	\$54,330	\$61,707	\$48,642	\$44,039	\$65,163
Total Energy Cost:	\$131,971	N/A	\$172,698	\$187,682	\$168,283	\$168,917	\$190,442
Energy Cost/ft2	\$1.10	N/A	\$1.42	\$1.54	\$1.38	\$1.39	\$1.56

Weather Normalized Energy Use:

Site Energy Use:	22117.0	N/A	17276.3	18430.3	18329.2	15469.4	15239.5 MBTU
Site EUI:	185.1	N/A	141.7	151.2	150.4	126.9	125.0 kBTU/ft2
Electricity:	2,017,960	1,917,019	1,528,486	1,494,396	1,402,695	1,405,064	1,389,883 kWh
Natural Gas:	152,318	N/A	120,611	133,314	135,432	106,753	104,972 Therms

National Median Energy Use:

Site Energy Use:	11442.3	8516.6	11903.7	12764.3	12538.9	11820.6	12090.1 kBTU
Site EUI:	95.7	69.9	97.6	104.7	102.9	97.0	99.2 kBTU/ft2

% Difference from National Median:

Site EUI:	85.8%	N/A	43.5%	54.6%	42.9%	30.0%	34.5%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	752.3	N/A	621.3	782.8	696.0	553.8	603.6
Indirect Emissions:	1631.4	1186.1	892.2	735.6	631.5	658.7	652.4
Total Emissions:	2383.7	N/A	1513.5	1518.4	1327.6	1212.5	1256.0

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

Total Emissions:	1283.0	1120.1	1055.0	981.9	929.0	932.7	934.1
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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 kBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU/ft2

% Difference Adjusted Site Energy Use

2014 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
2017 to Baseline	N/A	
2019 to Baseline	N/A	
2020 to Baseline	N/A	
2021 to Baseline	N/A	
Current to Baseline	N/A	
2021 to 2022	N/A	