

STATEMENT OF ENERGY PERFORMANCE

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

Date: 8/15/2022
Year Built: 1966
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:	119,507	121,907	121,907	121,907	121,907	121,907	121,907
Heating Degree Days	7024	7637	6564	8476	8583	7321	7314
Cooling Degree Days	1063	845	867	669	565	736	1055

Reported Annual Energy Use:

Site Energy Use:	21,259	N/A	16,098	19,736	19,739	17,919	15,368 MBTU
Site EUI:	177.9	N/A	132	161.9	161.9	147	126.1 kBTU/ft2
Electricity:	2,076,208	1,866,925	1,593,882	1,677,711	1,465,807	1,411,212	1,448,363 kWh
Max Electric Demand:	501.5	450	429.3	440	403.5	348.5	389.3 kW
Natural Gas:	141,754	N/A	106,593	140,117	147,380	131,044	104,261 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$101,013	\$116,564	\$108,311	\$127,386	\$125,975	\$119,641	\$124,097
Electric Demand Cost:	\$24,105	\$36,124	\$40,009	\$42,792	\$36,642	\$37,140	\$36,220
Natural Gas Cost:	\$30,957	N/A	\$43,137	\$61,453	\$61,707	\$48,642	N/A
Total Energy Cost:	\$131,971	N/A	\$151,448	\$188,838	\$187,682	\$168,283	N/A
Energy Cost/ft2	\$1.10	N/A	\$1.24	\$1.55	\$1.54	\$1.38	N/A

Weather Normalized Energy Use:

Site Energy Use:	22,117.0	N/A	17,570.7	18,427.7	18,430.3	18,329.2	15,471.1 MBTU
Site EUI:	185.1	N/A	144.1	151.2	151.2	150.4	126.9 kBTU/ft2
Electricity:	2,017,960	1,831,010	1,560,110	1,668,004	1,494,396	1,402,695	1,405,504 kWh
Natural Gas:	152,318	N/A	122,476	127,365	133,314	135,432	106,755 Therms

National Median Energy Use:

Site Energy Use:	11,442.3	8,516.6	11,614.7	12,238.3	12,764.3	12,538.9	11,819.7 MBTU
Site EUI:	95.7	69.9	95.3	100.4	104.7	102.9	97 kBTU/ft2

% Difference from National Median:

Site EUI:	86%	N/A	39%	61%	55%	43%	30%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	752.9	N/A	566.2	744.2	782.8	696	553.8
Indirect Emissions:	677.9	609.6	520.4	547.8	478.6	460.8	472.9
Total Emissions:	1,430.8	N/A	1,086.6	1,292.0	1,261.4	1,156.8	1,026.7

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

Total Emissions:	770.1	671.5	784	801.2	815.7	809.5	789.6
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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	