

STATEMENT OF ENERGY PERFORMANCE

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

Date: 8/24/2021
 Year Built: 1966
 Parent: Pine Hills Youth Correction Facility

	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:	119,507	120,714	121,907	121,907	121,907	121,907	121,907 Sq. Ft.
Heating Degree Days	7024	6591	6751	7320	8476	8583	7321
Cooling Degree Days	1063	1124	820	1022	669	565	736

Reported Annual Energy Use:

Site Energy Use:	21259.4	19838.9	N/A	17077.3	19703.3	19922.0	17734.3 MBTU
Site EUI:	177,893	164,347	N/A	140,084	161,625	163,420	145,474 BTU/ft2
Electricity:	2,076,208	1,911,363	1,729,831	1,576,898	1,677,711	1,465,807	1,411,212 kWh
Max Electric Demand:	501.5	470.3	414.5	434.0	440.0	403.5	348.5 kW
Natural Gas:	141,754	133,173	N/A	116,969	139,789	149,207	129,192 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$101,013	\$116,140	\$107,982	\$118,368	\$127,386	\$125,975	\$119,641
Electric Demand Cost:	\$24,105	\$37,596	\$32,411	\$41,367	\$42,792	\$36,642	\$37,140
Natural Gas Cost:	\$30,957	\$25,695	N/A	\$54,606	\$60,852	\$61,613	\$48,145
Total Energy Cost:	\$131,971	\$141,835	N/A	\$172,974	\$188,238	\$187,589	\$167,786
Energy Cost/ft2	\$1.104	\$1.175	N/A	\$1.419	\$1.544	\$1.539	\$1.376

Weather Normalized Energy Use:

Site Energy Use:	22214.6	21339.7	N/A	17276.3	18364.7	18584.8	18156.7 MBTU
Site EUI:	185,885	176,780	N/A	141,717	150,645	152,451	148,939 BTU/ft2
Electricity:	2,046,544	1,870,788	1,713,411	1,528,486	1,659,460	1,493,088	1,406,754 kWh
Natural Gas:	152,318	149,566	N/A	120,611	127,027	134,904	133,568 Therms

National Median Energy Use:

Site Energy Use:	11442.3	11613.8	8516.6	11903.7	12231.7	12799.1	12498.6 MBTU
Site EUI:	95,746	96,209	69,861	97,646	100,336	104,991	102,525 BTU/ft2

% Difference from National Median:

Site EUI:	85.80%	70.82%	N/A	43.46%	61.08%	55.65%	41.89%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	752.9	707.3	N/A	621.3	742.5	792.5	686.2
Indirect Emissions:	605.9	570.8	504.8	460.2	489.6	427.7	411.8
Total Emissions:	1358.8	1265.1	N/A	1081.4	1232.1	1220.3	1098.0

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

Total Emissions:	731.3	740.6	619.2	753.8	764.9	784.0	773.8
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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