

STATEMENT OF ENERGY PERFORMANCE

Pine Hills Youth Correction Facility
 4 North Haynes Avenue
 Miles City

Date: 9/7/2018
 Year Built: 1966

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	11/30/2012	12/31/2013	3/31/2017
Energy Star Score:	N/A	N/A	N/A	N/A
Gross Floor Area:	118,355	118,355	118,355	118,355 Sq. Ft.
Heating Degree Days	7,024	6,410	7,637	7,185
Cooling Degree Days	1,063	1,124	845	867

Reported Annual Energy Use:

Site Energy Use:	21259.42	19772.03	N/A	17007.72 MBTU
Site EUI:	179,624	167,057	N/A	143,701 BTU/ft ²
Electricity:	2,076,208	1,915,953	0	1,567,444 kWh
Max Electric Demand:	502	470	0	429 kW
Natural Gas:	141,754	132,348	0	116,596 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$101,013	\$116,104	\$0	\$108,210
Electric Demand Cost:	\$24,105	\$37,624	\$0	\$39,324
Natural Gas Cost:	\$30,957	\$25,772	\$0	\$25,761
Energy Cost/ft ²	\$1.115	\$1.199	N/A	\$1.132

Weather Normalized Energy Use:

Site Energy Use:	22214.58	21525.18	N/A	17463.08 MBTU
Site EUI:	187,694	181,870	N/A	147,548 BTU/ft ²
Electricity:	2,046,544	1,876,181	0	1,549,773 kWh
Natural Gas:	152,318	151,236	0	121,753 Therms

National Median Energy Use:

Site Energy Use:	11332.05	11363.56	8268.42	11564.59 MBTU
Site EUI:	95,746	96,012	69,861	97,711 BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	752.9	703	0	619.3
Indirect Emissions:	617	570	0	466
Total Emissions:	1,370	1,273	N/A	1,085

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

Total Emissions:	730.3	609.1	609.1	737.9
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% Difference from National Median:

Site EUI:	87.60	74.00	N/A	47.07
Total Emissions:	87.61	108.91	N/A	47.08

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