

STATEMENT OF ENERGY PERFORMANCE

Fort Harrison AFRC
Mt Majo Street
Helena

Date: 9/7/2018
Year Built: 2000

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017
Energy Star Score:	45	64	66	71
Gross Floor Area:	220,000	220,000	220,000	220,000 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:	15796.18	10784.13	10444.70	10494.53 MBTU
Site EUI:	71,801	49,019	47,476	47,702 BTU/ft ²
Electricity:	2,327,770	1,986,583	1,952,114	1,680,762 kWh
Max Electric Demand:	602	576	584	504 kW
Natural Gas:	78,538	40,059	37,841	47,598 Therms
Reported Annual Energy Cost:				
Electricity Cost:	\$194,210	\$186,135	\$191,431	\$176,944
Electric Demand Cost:	\$48,047	\$46,360	\$47,215	\$45,185
Natural Gas Cost:	\$80,177	\$31,559	\$29,433	\$34,185
Energy Cost/ft ²	\$1.247	\$0.990	\$1.004	\$0.960
Weather Normalized Energy Use:				
Site Energy Use:	16046.26	10988.70	10505.09	10320.64 MBTU
Site EUI:	72,938	49,949	47,750	46,912 BTU/ft ²
Electricity:	2,289,528	1,980,200	1,949,353	1,668,539 kWh
Natural Gas:	82,344	42,323	38,539	46,276 Therms
National Median Energy Use:				
Site Energy Use:	14795.84	13177.44	13147.24	14332.92 MBTU
Site EUI:	67,254	59,897	59,760	65,150 BTU/ft ²
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):				
Direct Emissions:	417.2	212.8	201	252.8
Indirect Emissions:	692	591	580	500
Total Emissions:	1,109	803	781	753
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):				
Total Emissions:	1038.9	981.6	983.5	1027.7
% Difference from National Median:				
Site EUI:	6.76	-18.16	-20.56	-26.78
Total Emissions:	6.76	-18.16	-20.56	-26.78
Adjusted Energy Based on Current Year:				
Site Energy Use:	15907.08	10945.77	10547.02	10494.53 MBTU
Site EUI:	72,305	49,754	47,941	47,702 BTU/ft ²
% Difference Adjusted Site Energy Use				
2012 to Baseline	-31.19			
2013 to Baseline	-33.70			
Current to Baseline	-34.03			
Current to 2013	-0.50			