

STATEMENT OF ENERGY PERFORMANCE

DNRC Water Resources
1424 9th
Helena

Date: 9/7/2018
Year Built: 1972

	Baseline:	2012	12/31/2013	Current:	
	12/31/2007	12/31/2012	12/31/2013	12/31/2017	
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017	
Energy Star Score:	29	78	77	63	
Gross Floor Area:	28,051	28,051	28,051	28,051	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:	2578.82	1223.29	1270.92	1586.62	MBTU
Site EUI:	91,933	43,609	45,307	56,562	BTU/ft ²
Electricity:	423,151	220,649	220,720	279,840	kWh
Max Electric Demand:	129	133	107	118	kW
Natural Gas:	11,350	4,704	5,178	6,318	Therms

Reported Annual Energy Cost:

Electricity Cost:	\$36,098	\$24,092	\$24,512	\$30,833
Electric Demand Cost:	\$9,421	\$8,464	\$8,118	\$8,873
Natural Gas Cost:	\$12,076	\$4,083	\$4,403	\$4,775
Energy Cost/ft ²	\$1.717	\$1.004	\$1.031	\$1.269

Weather Normalized Energy Use:

Site Energy Use:	2675.41	1258.39	1280.55	1577.37	MBTU
Site EUI:	95,377	44,861	45,651	56,232	BTU/ft ²
Electricity:	411,722	220,649	220,823	279,840	kWh
Natural Gas:	12,706	5,055	5,271	6,226	Therms

National Median Energy Use:

Site Energy Use:	1980.38	1871.92	1913.81	1911.36	MBTU
Site EUI:	70,599	66,733	68,226	68,139	BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	60.3	25	27.5	33.6
Indirect Emissions:	126	66	66	83
Total Emissions:	186	91	93	117

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

Total Emissions:	142.9	138.6	140.2	140.6
------------------	-------	-------	-------	-------

% Difference from National Median:

Site EUI:	30.22	-34.65	-33.59	-16.99
Total Emissions:	30.23	-34.63	-33.59	-17.00

Adjusted Energy Based on Current Year:

Site Energy Use:	2578.92	1235.05	1279.11	1586.62	MBTU
Site EUI:	91,937	44,029	45,599	56,562	BTU/ft ²

% Difference Adjusted Site Energy Use

2012 to Baseline	-52.11
2013 to Baseline	-50.40
Current to Baseline	-38.48
Current to 2013	24.04