

# STATEMENT OF ENERGY PERFORMANCE

DNRC Water Resources  
1424 9th  
Helena MT 59620

Date: 8/24/2021  
Year Built: 1972  
Parent: N/A

	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:	37	83	80	72	84	78	82
Gross Floor Area:	28,051	28,051	28,051	28,051	28,051	28,051	28,051 Sq. Ft.
Heating Degree Days	6778	7046	6715	7862	7820	8591	6940
Cooling Degree Days	730	517	551	731	432	398	506
<b>Reported Annual Energy Use:</b>							
Site Energy Use:	2578.8	1223.3	1332.2	1586.6	1323.1	1609.9	1428.4 MBTU
Site EUI:	91,933	43,609	47,493	56,562	47,169	57,392	50,922 BTU/ft2
Electricity:	423,151	220,649	224,585	279,840	195,461	215,971	190,954 kWh
Max Electric Demand:	129.0	133.0	112.0	118.4	95.2	91.6	66.8 kW
Natural Gas:	11,350	4,704	5,659	6,318	6,562	8,730	7,769 Therms
<b>Reported Annual Energy Cost:</b>							
Electricity Cost:	\$36,098	\$24,092	\$26,107	\$30,639	\$22,260	\$25,335	\$22,059
Electric Demand Cost:	\$9,421	\$8,464	\$8,010	\$8,873	\$7,427	\$8,393	\$6,934
Natural Gas Cost:	\$12,076	\$4,083	\$4,462	\$4,763	\$4,692	\$5,911	\$5,375
Total Energy Cost:	\$48,174	\$28,176	\$30,569	\$35,402	\$26,952	\$31,245	\$27,434
Energy Cost/ft2	\$1.717	\$1.004	\$1.090	\$1.262	\$0.961	\$1.114	\$0.978
<b>Weather Normalized Energy Use:</b>							
Site Energy Use:	2675.4	1258.4	1395.0	1577.4	1300.4	1519.4	1486.1 MBTU
Site EUI:	95,377	44,861	49,729	56,232	46,360	54,165	52,978 BTU/ft2
Electricity:	411,722	220,649	224,585	279,840	195,461	215,971	190,954 kWh
Natural Gas:	12,706	5,055	6,287	6,226	6,335	7,825	8,346 Therms
<b>National Median Energy Use:</b>							
Site Energy Use:	2200.1	2096.0	2152.7	2182.4	2343.1	2488.4	2404.3 MBTU
Site EUI:	78,431	74,720	76,744	77,801	83,529	88,712	85,711 BTU/ft2
<b>% Difference from National Median:</b>							
Site EUI:	17.22%	-41.64%	-38.12%	-27.30%	-43.53%	-35.30%	-40.59%
<b>Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Direct Emissions:	60.3	25.0	30.1	33.6	34.9	46.4	41.3
Indirect Emissions:	123.5	73.5	65.5	81.7	57.0	63.0	55.7
Total Emissions:	183.8	89.4	95.6	115.2	91.9	109.4	97.0
<b>National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Total Emissions:	156.8	153.1	154.5	158.5	162.7	169.1	163.2
<b>Adjusted Energy Based on Current Year:</b>							
Site Energy Use:	2566.1	1219.3	1337.1	1536.1	1298.8	1553.1	1428.4 MBTU
Site EUI:	91,482	43,467	47,668	54,760	46,301	55,368	50,922 BTU/ft2
<b>% Difference Adjusted Site Energy Use</b>							
2012 to Baseline	-52.49%						
2015 to Baseline	-47.89%						
2017 to Baseline	-40.14%						
2018 to Baseline	-49.39%						
2019 to Baseline	-39.48%						
Current to Baseline	-44.34%						
2019 to 2020	-8.03%						

**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