

STATEMENT OF ENERGY PERFORMANCE

Fort Harrison #01011 TSSF
1011 TSSF Sananada Dr.
Helena, MT 59620

Date: 11/22/2023
Year Built: 1960
Parent: N/A

	Baseline:	2014	2017	2019	2020	2021	Current:
Energy Date:	12/31/2007	12/31/2014	12/31/2017	12/31/2019	12/31/2020	12/31/2021	12/31/2022
Energy Star Score:	67	85	84	90	90	80	88
Gross Floor Area:	85,140	85,140	85,140	85,140	85,140	85,140	85,140 Sq. Ft.
Heating Degree Days	6778	7428	7862	8591	6940	6908	7804
Cooling Degree Days	730	469	731	398	506	792	720

Reported Annual Energy Use:

Site Energy Use:	8239.6	6013.8	7032.1	6409.1	5374.6	6491.1	6264.4 MBTU
Site EUI:	96.8	70.6	82.6	75.3	63.1	76.2	73.6 kBTU/ft2
Electricity:	628,058	518,293	478,834	342,170	327,321	569,537	397,981 kWh
Max Electric Demand:	142.0	129.6	148.8	96.8	92.8	139.2	104.0 kW
Natural Gas:	60,966	42,454	53,984	52,416	42,577	45,479	49,065 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$51,966	\$50,017	\$50,888	\$36,377	\$34,526	\$59,369	\$42,377
Electric Demand Cost:	\$12,472	\$11,171	\$13,823	\$9,414	\$8,653	\$385	N/A
Natural Gas Cost:	\$62,574	\$37,448	\$38,695	\$32,351	\$28,432	\$38,003	\$45,915
Total Energy Cost:	\$114,539	\$87,465	\$89,583	\$68,728	\$62,958	\$97,371	\$88,291
Energy Cost/ft2	\$1.35	\$1.03	\$1.05	\$0.81	\$0.74	\$1.14	\$1.04

Weather Normalized Energy Use:

Site Energy Use:	8707.6	6025.5	6855.9	6042.7	5596.2	6698.6	6252.6 MBTU
Site EUI:	102.3	70.8	80.5	71.0	65.7	78.7	73.4 kBTU/ft2
Electricity:	623,591	518,293	478,834	343,312	327,321	569,537	397,981 kWh
Natural Gas:	65,799	42,571	52,221	48,713	44,794	47,553	48,947 Therms

National Median Energy Use:

Site Energy Use:	10106.2	10271.3	11609.0	13121.8	10852.4	9807.8	11759.2 kBTU
Site EUI:	118.7	120.6	136.4	154.1	127.5	115.2	138.1 kBTU/ft2

% Difference from National Median:

Site EUI:	-18.5%	-41.5%	-39.4%	-51.2%	-50.5%	-33.8%	-46.7%
-----------	--------	--------	--------	--------	--------	--------	--------

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	323.6	225.5	286.7	278.4	226.1	241.6	260.6
Indirect Emissions:	245.9	214.7	142.3	111.7	89.6	164.9	115.3
Total Emissions:	569.5	440.2	429.1	390.1	315.8	406.5	375.9

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

Total Emissions:	698.5	751.9	708.3	798.7	637.6	614.2	705.6
------------------	-------	-------	-------	-------	-------	-------	-------

Adjusted Energy Based on Current Year:

Site Energy Use:	9105.7	6290.1	6989.9	5997.1	5889.0	7068.6	6264.4 kBTU
Site EUI:	106.9	73.9	82.1	70.4	69.2	83.0	73.6 kBTU/ft2

% Difference Adjusted Site Energy Use

2014 to Baseline	-30.92%
2017 to Baseline	-23.24%
2019 to Baseline	-34.14%
2020 to Baseline	-35.33%
2021 to Baseline	-22.37%
Current to Baseline	-31.20%
2021 to 2022	-11.38%

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