

STATEMENT OF ENERGY PERFORMANCE

Fort Harrison BOQ II
724 Rome Avenue
Fort Harrison, MT 59636

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:	74	46	72	76	84	73	69
Gross Floor Area:	12,258	12,258	12,258	12,258	12,258	12,258	12,258 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:	1216.2	1850.3	1429.4	1449.9	1033.4	1285.2	1418.6 MBTU
Site EUI:	99.2	150.9	116.6	118.3	84.3	104.8	115.7 kBTU/ft2
Electricity:	97,517	109,231	103,150	87,097	72,290	96,516	115,921 kWh
Max Electric Demand:	31.0	40.4	39.6	28.8	40.8	39.2	36.8 kW
Natural Gas:	8,835	14,777	10,775	11,528	7,868	9,559	10,230 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$8,423	\$10,970	\$11,077	\$9,351	\$8,142	\$10,778	\$12,451
Electric Demand Cost:	\$2,200	\$2,664	\$3,008	\$2,468	\$2,342	\$67	N/A
Natural Gas Cost:	\$9,643	\$13,485	\$8,125	\$7,933	\$5,710	\$8,492	\$10,030
Total Energy Cost:	\$18,065	\$24,455	\$19,202	\$17,283	\$13,852	\$19,269	\$22,481
Energy Cost/ft2	\$1.47	\$2.00	\$1.57	\$1.41	\$1.13	\$1.57	\$1.83

Weather Normalized Energy Use:

Site Energy Use:	1248.4	1849.1	1401.1	1361.5	1076.7	1290.3	1403.6 MBTU
Site EUI:	101.8	150.8	114.3	111.1	87.8	105.3	114.5 kBTU/ft2
Electricity:	95,305	106,819	100,533	86,727	71,055	87,077	110,780 kWh
Natural Gas:	9,232	14,846	10,581	10,655	8,343	9,932	10,256 Therms

National Median Energy Use:

Site Energy Use:	1595.1	1775.7	1830.8	1957.7	1627.6	1664.9	1749.8 kBTU
Site EUI:	130.1	144.9	149.4	159.7	132.8	135.8	142.7 kBTU/ft2

% Difference from National Median:

Site EUI:	-23.8%	4.2%	-21.9%	-25.9%	-36.5%	-22.8%	-18.9%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	46.9	78.5	57.2	61.2	41.8	50.8	54.3
Indirect Emissions:	38.2	45.3	30.7	28.4	19.8	28.0	33.6
Total Emissions:	85.1	123.7	87.9	89.7	61.6	78.7	87.9

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

Total Emissions:	111.6	118.7	112.6	121.1	97.0	102.0	108.4
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Adjusted Energy Based on Current Year:

Site Energy Use:	1342.3	1999.7	1418.8	1414.8	1164.3	1386.5	1418.6 kBTU
Site EUI:	109.5	163.1	115.7	115.4	95.0	113.1	115.7 kBTU/ft2

% Difference Adjusted Site Energy Use

2014 to Baseline	48.97%
2017 to Baseline	5.70%
2019 to Baseline	5.40%
2020 to Baseline	-13.26%
2021 to Baseline	3.29%
Current to Baseline	5.68%
2021 to 2022	2.32%

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