

STATEMENT OF ENERGY PERFORMANCE

MSU-B Apsaruke Hall
1500 University Drive
Billings, MT 59101

Date: 12/7/2023
Year Built: 1957
Parent: MSU Billings Campus

	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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	20,377	20,377	20,377	20,377	20,377	20,377	20,377 Sq. Ft.
Heating Degree Days	6634	7059	6901	7662	6596	6523	7256
Cooling Degree Days	841	586	844	748	702	999	862
Reported Annual Energy Use:							
Site Energy Use:	1104.4	1229.1	1099.1	1414.5	1269.6	1159.2	1020.0 MBTU
Site EUI:	54.2	60.3	53.9	69.4	62.3	56.9	50.1 kBTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Max Electric Demand:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kW
Natural Gas:	11,044	12,291	10,991	14,146	12,697	11,592	10,203 Therms
Reported Annual Energy Cost:							
Electricity Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Electric Demand Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natural Gas Cost:	\$8,035	\$9,327	\$6,918	\$8,319	\$7,219	\$9,017	\$10,469
Total Energy Cost:	\$8,035	\$9,327	\$6,918	\$8,319	\$7,219	\$9,017	\$10,469
Energy Cost/ft2	\$0.39	\$0.46	\$0.34	\$0.41	\$0.35	\$0.44	\$0.51
Weather Normalized Energy Use:							
Site Energy Use:	1123.4	1177.6	1088.3	1311.2	1298.7	1217.6	997.0 MBTU
Site EUI:	55.1	57.8	53.4	64.3	63.7	59.8	48.9 kBTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Natural Gas:	11,234	11,776	10,883	13,112	12,987	12,176	9,970 Therms
National Median Energy Use:							
Site Energy Use:	2141.6	2141.6	2141.6	2141.6	2141.6	2141.6	2142.0 kBTU
Site EUI:	105.1	105.1	105.1	105.1	105.1	105.1	105.1 kBTU/ft2
% Difference from National Median:							
Site EUI:	-48.4%	-42.6%	-48.7%	-33.9%	-40.7%	-45.9%	-52.4%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	58.6	65.3	58.4	75.1	67.4	61.6	54.2
Indirect Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Emissions:	58.6	65.3	58.4	75.1	67.4	61.6	54.2
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	113.7	113.7	113.7	113.7	113.7	113.7	113.7
Adjusted Energy Based on Current Year:							
Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kBTU/ft2
% Difference Adjusted Site Energy Use							
2014 to Baseline	N/A	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					
2017 to Baseline	N/A						
2019 to Baseline	N/A						
2020 to Baseline	N/A						
2021 to Baseline	N/A						
Current to Baseline	N/A						
2021 to 2022	N/A						