

STATEMENT OF ENERGY PERFORMANCE

MSU-B Apsaruke Hall
1500 University Drive
Billings MT 59101

Date: 8/24/2021
Year Built: 1957
Parent: MSU Billings Campus

	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:	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	6093	6079	6901	7387	7662	6596
Cooling Degree Days	841	945	723	844	517	748	702
Reported Annual Energy Use:							
Site Energy Use:	1104.4	N/A	1033.2	1099.1	1273.9	1414.5	1269.6 MBTU
Site EUI:	54,200	N/A	50,706	53,936	62,514	69,419	62,308 BTU/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	N/A	10,332	10,991	12,739	14,145	12,696 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	N/A	\$6,847	\$6,918	\$7,669	\$8,319	\$7,219
Total Energy Cost:	\$8,035	N/A	\$6,847	\$6,918	\$7,669	\$8,319	\$7,219
Energy Cost/ft2	\$0.394	N/A	\$0.336	\$0.339	\$0.376	\$0.408	\$0.354
Weather Normalized Energy Use:							
Site Energy Use:	1123.4	N/A	1137.6	1088.3	1173.8	1311.2	1298.7 MBTU
Site EUI:	55,132	N/A	55,828	53,410	57,604	64,349	63,736 BTU/ft2
Electricity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kWh
Natural Gas:	11,234	N/A	11,376	10,883	11,738	13,112	12,987 Therms
National Median Energy Use:							
Site Energy Use:	2141.6	1066.7	2141.6	2141.6	2141.6	2141.6	2141.6 MBTU
Site EUI:	105,097	52,350	105,097	105,097	105,097	105,097	105,097 BTU/ft2
% Difference from National Median:							
Site EUI:	-48.43%	N/A	-51.75%	-48.68%	-40.52%	-33.95%	-40.71%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	58.7	N/A	54.9	58.4	67.7	75.1	67.4
Indirect Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Emissions:	58.7	N/A	54.9	58.4	67.7	75.1	67.4
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	113.7	75.0	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 MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2
% Difference Adjusted Site Energy Use							
2012 to Baseline	N/A	Note: N/A has meanings as follows:					
2015 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2017 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2018 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2019 to Baseline	N/A						
Current to Baseline	N/A						
2019 to 2020	N/A						