

STATEMENT OF ENERGY PERFORMANCE

MSU-B City College
3803 Central Avenue
Billings 59102

Date: 8/22/2022
Year Built: 1987
Parent: N/A

	Baseline:	2013	2016	2018	2019	2020	Current:
Energy Date:	9/30/2009	12/31/2013	12/31/2016	12/31/2018	12/31/2019	12/31/2020	12/31/2021
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	192,915	192,915	192,915	192,915	192,915	192,915	192,915 Sq. Ft.
Heating Degree Days	6782	6939	6051	7387	7662	6596	6523
Cooling Degree Days	581	777	713	517	748	702	999
Reported Annual Energy Use:							
Site Energy Use:	15170.9	N/A	15517.8	16462.8	16020.7	13631.7	15021.0 MBTU
Site EUI:	78.6	N/A	80.4	85.3	83.0	70.7	77.9 kBtu/ft2
Electricity:	1,373,170	1,410,290	1,259,337	1,189,457	1,109,693	978,202	1,030,752 kWh
Max Electric Demand:	481.0	444.0	424.0	389.6	428.0	428.8	N/A kW
Natural Gas:	104,856	N/A	112,209	124,044	122,345	102,941	115,041 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$123,638	\$145,214	\$141,181	\$128,945	\$128,522	\$132,480	\$130,993
Electric Demand Cost:	\$37,926	\$41,381	\$39,817	\$39,183	\$41,935	\$42,359	N/A
Natural Gas Cost:	\$80,479	N/A	\$60,913	\$70,633	\$68,729	\$55,416	\$78,155
Total Energy Cost:	\$204,116	N/A	\$202,095	\$199,577	\$197,251	\$187,896	\$209,149
Energy Cost/ft ²	\$1.06	N/A	\$1.05	\$1.03	\$1.02	\$0.97	\$1.08
Weather Normalized Energy Use:							
Site Energy Use:	15149.1	N/A	16397.7	15825.0	15320.7	13819.1	15352.5 MBTU
Site EUI:	78.5	N/A	85.0	82.0	79.4	71.6	79.6 kBtu/ft2
Electricity:	1,373,170	1,410,290	1,259,337	1,189,457	1,109,693	978,202	1,030,752 kWh
Natural Gas:	104,639	N/A	121,008	117,666	115,344	104,814	118,356 Therms
National Median Energy Use:							
Site Energy Use:	13385.1	10099.1	13872.6	14370.4	14545.4	14398.9	14583.8 MBTU
Site EUI:	69.4	52.4	71.9	74.5	75.4	74.6	75.6 kBtu/ft2
% Difference from National Median:							
Site EUI:	13.3%	N/A	11.9%	14.6%	10.1%	-5.3%	3.0%
Annual Greenhouse Gas Emissions (Metric Tons CO₂ equivalent):							
Direct Emissions:	556.9	N/A	596.0	658.9	649.8	546.8	611.0
Indirect Emissions:	448.4	460.5	411.2	388.4	362.3	319.4	336.6
Total Emissions:	1005.3	N/A	1007.2	1047.2	1012.2	866.2	947.6
National Median Annual Greenhouse Gas Emissions (Metric Tons CO₂ equivalent):							
Total Emissions:	887.0	764.1	900.4	914.1	919.0	914.9	920.0
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 kBtu/ft2
% Difference Adjusted Site Energy Use							
2013 to Baseline	N/A	Note: N/A has meanings as follows:					
2016 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2018 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2019 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2020 to Baseline	N/A						
Current to Baseline	N/A						
2020 to 2021	N/A						