

STATEMENT OF ENERGY PERFORMANCE

MSU-B City College
3803 Central Avenue
Billings, MT 59102

Date: 12/11/2023
Year Built: 1987
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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	N/A	192,915	192,915	192,915	192,915	192,915	192,915 Sq. Ft.
Heating Degree Days	N/A	7059	6901	7662	6596	6523	7256
Cooling Degree Days	N/A	586	844	748	702	999	862

Reported Annual Energy Use:

Site Energy Use:	N/A	15707.0	15720.5	16020.7	13631.7	15316.7	15724.0 MBTU
Site EUI:	N/A	81.4	81.5	83.0	70.7	79.4	81.5 kBTU/ft2
Electricity:	N/A	1,201,631	1,261,884	1,109,693	978,202	1,052,912	1,073,811 kWh
Max Electric Demand:	N/A	444.0	456.0	428.0	428.8	411.2	384.8 kW
Natural Gas:	N/A	116,070	114,149	122,345	102,941	117,241	120,605 Therms

Reported Annual Energy Cost:

Electricity Cost:	N/A	\$126,863	\$138,537	\$128,522	\$132,480	\$135,643	\$129,467
Electric Demand Cost:	N/A	\$36,787	\$41,435	\$41,935	\$42,359	N/A	N/A
Natural Gas Cost:	N/A	\$85,121	\$68,385	\$68,729	\$55,416	\$85,032	\$115,501
Total Energy Cost:	N/A	\$211,984	\$206,921	\$197,251	\$187,896	\$220,675	\$244,968
Energy Cost/ft2	N/A	\$1.10	\$1.07	\$1.02	\$0.97	\$1.14	\$1.27

Weather Normalized Energy Use:

Site Energy Use:	N/A	15197.1	15555.7	15320.7	13819.1	15651.1	15515.9 MBTU
Site EUI:	N/A	78.8	80.6	79.4	71.6	81.1	80.4 kBTU/ft2
Electricity:	N/A	1,201,631	1,261,884	1,109,693	978,202	1,052,912	1,073,811 kWh
Natural Gas:	N/A	110,971	112,502	115,344	104,814	120,586	118,520 Therms

National Median Energy Use:

Site Energy Use:	N/A	14128.3	13920.5	14545.4	14398.9	14576.5	14604.0 kBTU
Site EUI:	N/A	73.2	72.2	75.4	74.6	75.6	75.7 kBTU/ft2

% Difference from National Median:

Site EUI:	N/A	11.2%	12.9%	10.1%	-5.3%	5.1%	7.7%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	N/A	616.5	606.3	649.8	546.8	622.7	640.6
Indirect Emissions:	N/A	497.8	375.1	362.3	267.9	304.9	311.0
Total Emissions:	N/A	1114.3	981.4	1012.2	814.7	927.7	951.6

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

Total Emissions:	N/A	1002.3	869.1	919.0	860.5	882.8	883.8
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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:					
2017 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2019 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2020 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2021 to Baseline	N/A						
Current to Baseline	N/A						
2021 to 2022	N/A						