

STATEMENT OF ENERGY PERFORMANCE

MSU-B City College
3803 Central Avenue
Billings MT 59101

Date: 8/24/2021
Year Built: 1987
Parent: N/A

	Baseline:	2012	2015	2017	2018	2019	Current:
Energy Date:	9/30/2009	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:	192,915	192,915	192,915	192,915	192,915	192,915	192,915 Sq. Ft.
Heating Degree Days	6782	6093	6079	6901	7387	7662	6596
Cooling Degree Days	581	945	723	844	517	748	702
Reported Annual Energy Use:							
Site Energy Use:	15170.9	N/A	14806.3	15720.5	16462.8	16020.7	13631.7 MBTU
Site EUI:	78,640	N/A	76,751	81,489	85,337	83,046	70,662 BTU/ft2
Electricity:	1,373,170	1,407,197	1,267,800	1,261,884	1,189,457	1,109,693	978,202 kWh
Max Electric Demand:	481.0	464.0	372.8	456.0	389.6	428.0	428.8 kW
Natural Gas:	104,856	N/A	104,806	114,149	124,044	122,345	102,941 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$123,638	\$140,733	\$137,050	\$138,537	\$128,945	\$128,522	\$132,480
Electric Demand Cost:	\$37,926	\$42,046	\$35,647	\$41,435	\$39,183	\$41,935	\$42,359
Natural Gas Cost:	\$80,479	N/A	\$66,865	\$68,385	\$70,633	\$68,729	\$55,416
Total Energy Cost:	\$204,116	N/A	\$203,915	\$206,921	\$199,577	\$197,251	\$187,896
Energy Cost/ft2	\$1.058	N/A	\$1.057	\$1.073	\$1.035	\$1.022	\$0.974
Weather Normalized Energy Use:							
Site Energy Use:	15149.1	N/A	15660.2	15555.7	15825.0	15320.7	13819.1 MBTU
Site EUI:	78,527	N/A	81,177	80,635	82,031	79,417	71,633 BTU/ft2
Electricity:	1,373,170	1,407,197	1,267,800	1,261,884	1,189,457	1,109,693	978,202 kWh
Natural Gas:	104,639	N/A	113,345	112,502	117,666	115,344	104,814 Therms
National Median Energy Use:							
Site Energy Use:	13385.1	10099.1	13635.3	13920.5	14370.4	14545.4	14398.9 MBTU
Site EUI:	69,383	52,350	70,681	72,158	74,491	75,398	74,639 BTU/ft2
% Difference from National Median:							
Site EUI:	13.34%	N/A	8.59%	12.93%	14.56%	10.14%	-5.33%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	556.9	N/A	556.7	606.3	658.9	649.8	546.8
Indirect Emissions:	400.7	383.1	370.0	368.2	347.1	323.8	285.5
Total Emissions:	957.6	N/A	926.6	974.5	1006.0	973.7	832.2
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	844.9	709.7	853.3	862.9	878.1	884.0	879.1
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						