

STATEMENT OF ENERGY PERFORMANCE

MSU Billings Campus
1500 University Drive
Billings 59101

Date: 9/22/2022
Year Built: 1935
Parent: MSU Billings Campus

	Baseline:	2013	2016	2018	2019	2020	Current:
Energy Date:	12/31/2007	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:	1,027,000	1,027,000	1,027,000	1,027,000	1,027,000	1,027,000	1,027,000 Sq. Ft.
Heating Degree Days	6634	6939	6051	7387	7662	6596	6523
Cooling Degree Days	841	777	713	517	748	702	999

Reported Annual Energy Use:

Site Energy Use:	92,673,007	N/A	79,170,299	82,628,688	88,882,769	76,740,986	80,350,586 kBTU
Site EUI:	90.2	N/A	77.1	80.5	86.5	74.7	78.2 kBTU/ft2
Electricity:	8,524,328	7,939,378	7,089,770	6,515,734	6,731,175	6,213,653	6,696,244 kWh
Max Electric Demand:	1933.0	1853.0	1652.0	1584.0	1711.0	1429.0	1685.0 kW
Natural Gas:	635,880	N/A	549,800	603,970	659,160	555,400	575,030 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$648,772	\$703,519	\$696,255	\$611,602	\$656,984	\$608,370	\$653,947
Electric Demand Cost:	\$148,905	\$143,409	\$137,524	\$129,580	\$138,769	\$114,794	N/A
Natural Gas Cost:	\$51,585	N/A	\$127,842	\$168,278	\$169,982	\$115,777	\$215,375
Total Energy Cost:	\$700,357	N/A	\$824,096	\$779,880	\$826,965	\$724,147	\$869,323
Energy Cost/ft2	\$0.68	N/A	\$0.80	\$0.76	\$0.81	\$0.71	\$0.85

Weather Normalized Energy Use:

Site Energy Use:	94,040,075	N/A	84,012,413	78,300,905	84,042,812	78,274,112	83,074,880 kBTU
Site EUI:	91.6	N/A	81.8	76.2	81.8	76.2	80.9 kBTU/ft2
Electricity:	8,479,711	7,936,843	7,089,770	6,527,723	6,731,175	6,213,653	6,625,605 kWh
Natural Gas:	651,073	N/A	598,221	560,283	610,760	570,731	604,683 Therms

National Median Energy Use:

Site Energy Use:	115,986,683	86,565,269	117,049,499	121,964,503	123,479,320	120,960,764	119,855,322 kBTU
Site EUI:	112.9	84.3	114.0	118.8	120.2	117.8	116.7 kBTU/ft2

% Difference from National Median:

Site EUI:	-20	N/A	-32	-32	-28	-37	-33 %
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Annual Greenhouse Gas Emissions (Metric Tons CO10 equivalent):

Direct Emissions:	3377.5	N/A	2920.3	3208.0	3501.1	2950.0	3054.3
Indirect Emissions:	2334.5	2174.3	1941.6	1784.4	1843.4	1701.7	1833.8
Total Emissions:	5711.9	N/A	4861.9	4992.4	5344.5	4651.7	4888.1

National Median Annual Greenhouse Gas Emissions (Metric Tons CO10 equivalent):

Total Emissions:	7148.9	5842.2	7188.0	7369.0	7424.8	7332.1	7291.4
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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

100220 to Baseline	N/A	Note: N/A has meanings as follows:
100220 to Baseline	N/A	Energy Star Score: Not available for this type of property
100220 to Baseline	N/A	Adjusted Energy Use: Not available for this property
100220 to Baseline	N/A	Most other data: Not available due to insufficient or missing data
100100 to Baseline	N/A	
Current to Baseline	N/A	
100100 to 100101	N/A	