

STATEMENT OF ENERGY PERFORMANCE

MSU Billings Campus
1500 University Drive
Billings MT 59101

Date: 8/24/2021
Year Built: 1935
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:	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	6093	6079	6901	7387	7662	6596
Cooling Degree Days	841	945	723	844	517	748	702

Reported Annual Energy Use:

Site Energy Use:	92673.0	N/A	N/A	81398.1	82628.7	88882.8	76741.0 MBTU
Site EUI:	90,237	N/A	N/A	79,258	80,456	86,546	74,723 BTU/ft2
Electricity:	8,524,328	8,100,471	7,123,845	6,821,249	6,515,734	6,731,175	6,213,653 kWh
Max Electric Demand:	1933.0	1912.0	1625.0	1656.0	1584.0	1711.0	1429.0 kW
Natural Gas:	635,880	N/A	N/A	581,240	603,970	659,160	555,400 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$648,772	\$690,291	\$693,054	\$655,559	\$611,602	\$656,984	\$608,370
Electric Demand Cost:	\$148,905	\$145,557	\$135,797	\$138,963	\$129,580	\$138,769	\$114,794
Natural Gas Cost:	\$51,585	N/A	N/A	\$174,946	\$168,278	\$169,982	\$115,777
Total Energy Cost:	\$700,357	N/A	N/A	\$830,505	\$779,880	\$826,965	\$724,147
Energy Cost/ft2	\$0.682	N/A	N/A	\$0.809	\$0.759	\$0.805	\$0.705

Weather Normalized Energy Use:

Site Energy Use:	94059.1	N/A	N/A	81424.0	78300.9	84042.8	78274.1 MBTU
Site EUI:	91,586	N/A	N/A	79,283	76,242	81,833	76,216 BTU/ft2
Electricity:	8,485,295	8,100,471	7,123,845	6,805,554	6,527,723	6,731,175	6,213,653 kWh
Natural Gas:	651,073	N/A	N/A	582,034	560,283	610,760	570,731 Therms

National Median Energy Use:

Site Energy Use:	115986.7	86565.3	86565.3	119641.5	121964.5	123479.3	120960.8 MBTU
Site EUI:	112,937	84,289	84,289	116,496	118,758	120,233	117,781 BTU/ft2

% Difference from National Median:

Site EUI:	-20.10%	N/A	N/A	-31.96%	-32.25%	-28.02%	-36.56%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	3377.5	N/A	N/A	3087.2	3208.0	3501.1	2950.0
Indirect Emissions:	2487.5	2349.3	2078.8	1990.5	1901.4	1964.2	1813.2
Total Emissions:	5865.0	N/A	N/A	5077.8	5109.3	5465.4	4763.2

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

Total Emissions:	7340.4	6083.3	6083.3	7463.5	7541.7	7592.7	7507.9
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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 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
2015 to Baseline	N/A
2017 to Baseline	N/A
2018 to Baseline	N/A
2019 to Baseline	N/A
Current to Baseline	N/A
2019 to 2020	N/A

Note: N/A has meanings as follows:

Energy Star Score: Not available for this type of property

Adjusted Energy Use: Not available for this property

Most other data: Not available due to insufficient or missing data