

STATEMENT OF ENERGY PERFORMANCE

MSU Northern Campus
Various
Havre, MT 59501

Date: 11/29/2023
Year Built: 1933
Parent: MSU Northern Campus

	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:	562,005	562,005	562,005	586,878	586,878	586,878	586,878 Sq. Ft.
Heating Degree Days	7661	8314	7985	9297	7803	7811	8341
Cooling Degree Days	610	411	602	339	459	711	696
Reported Annual Energy Use:							
Site Energy Use:	50752.4	41900.8	41056.3	44408.7	36547.8	38986.3	42383.4 MBTU
Site EUI:	90.3	74.6	73.1	75.7	62.3	66.4	72.2 kBTU/ft2
Electricity:	3,811,661	3,197,466	3,238,653	3,232,622	2,856,331	3,022,369	3,192,683 kWh
Max Electric Demand:	786.0	726.0	672.0	702.0	654.0	720.0	732.0 kW
Natural Gas:	377,470	309,910	300,060	333,790	268,020	286,740	314,900 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$290,078	\$291,199	\$309,800	\$322,925	\$283,721	\$297,208	\$323,555
Electric Demand Cost:	\$66,557	\$59,387	\$64,007	\$69,234	\$57,147	N/A	N/A
Natural Gas Cost:	\$367,766	\$224,932	\$211,306	\$157,756	\$140,994	\$167,578	\$195,004
Total Energy Cost:	\$657,844	\$516,131	\$521,106	\$480,681	\$424,715	\$464,786	\$518,559
Energy Cost/ft2	\$1.17	\$0.92	\$0.93	\$0.82	\$0.72	\$0.79	\$0.88
Weather Normalized Energy Use:							
Site Energy Use:	53320.1	41180.9	41893.1	40386.0	37904.8	40004.8	41516.1 MBTU
Site EUI:	94.9	73.3	74.5	68.8	64.6	68.2	70.7 kBTU/ft2
Electricity:	3,840,442	3,197,466	3,257,907	3,186,657	2,856,331	3,052,637	3,200,088 kWh
Natural Gas:	401,790	302,711	307,772	295,132	281,590	295,892	305,974 Therms
National Median Energy Use:							
Site Energy Use:	67740.6	67416.3	66735.4	71396.0	69889.2	70062.8	70675.2 kBTU
Site EUI:	120.5	120.0	118.7	121.7	119.1	119.4	120.4 kBTU/ft2
% Difference from National Median:							
Site EUI:	-25.1%	-37.8%	-38.5%	-37.8%	-47.7%	-44.4%	-40.0%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	2003.3	1646.1	1593.8	1772.9	1423.6	1523.0	1672.6
Indirect Emissions:	1492.6	1324.7	962.8	1055.5	782.2	875.3	924.7
Total Emissions:	3496.0	2970.8	2556.5	2828.4	2205.8	2398.3	2597.2
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	4666.1	4779.9	4155.5	4547.3	4218.1	4310.1	4330.9
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: 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					
2017 to Baseline	N/A						
2019 to Baseline	N/A						
2020 to Baseline	N/A						
2021 to Baseline	N/A						
Current to Baseline	N/A						
2021 to 2022	N/A						