

# STATEMENT OF ENERGY PERFORMANCE

MSU Northern Campus  
 Various  
 Havre 59501

Date: 9/22/2022  
 Year Built: 1933  
 Parent: MSU Northern 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:	562,005	562,005	562,005	570,319	586,878	586,878	586,878 Sq. Ft.
Heating Degree Days	7661	8182	7449	9021	9297	7803	7811
Cooling Degree Days	610	427	372	450	339	459	711

## Reported Annual Energy Use:

Site Energy Use:	50,752,387	42,073,667	37,626,354	44,136,715	44,408,706	36,547,796	38,986,326 kBTU
Site EUI:	90.3	74.9	67.0	77.4	75.7	62.3	66.4 kBTU/ft2
Electricity:	3,811,661	3,169,597	3,112,940	3,225,004	3,232,622	2,856,331	3,022,369 kWh
Max Electric Demand:	786.0	726.0	714.0	660.0	702.0	654.0	720.0 kW
Natural Gas:	377,470	312,590	270,050	331,330	333,790	268,020	286,740 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$290,078	\$281,693	\$307,236	\$300,252	\$322,925	\$283,721	\$297,208
Electric Demand Cost:	\$66,557	\$57,691	\$61,639	\$61,394	\$69,234	\$57,147	N/A
Natural Gas Cost:	\$367,766	\$247,123	\$208,280	\$185,428	\$157,756	\$140,994	\$167,578
Total Energy Cost:	\$657,844	\$528,816	\$515,516	\$485,679	\$480,681	\$424,715	\$464,786
Energy Cost/ft2	\$1.17	\$0.94	\$0.92	\$0.85	\$0.82	\$0.72	\$0.79

## Weather Normalized Energy Use:

Site Energy Use:	53,282,589	41,553,141	41,272,078	41,275,936	40,386,048	37,904,759	40,004,776 kBTU
Site EUI:	94.8	73.9	73.4	72.4	68.8	64.6	68.2 kBTU/ft2
Electricity:	3,840,442	3,169,597	3,158,474	3,196,377	3,186,657	2,856,331	3,052,637 kWh
Natural Gas:	401,790	307,385	304,954	303,699	295,132	281,590	295,892 Therms

## National Median Energy Use:

Site Energy Use:	67,740,620	67,678,215	65,741,829	69,304,584	71,396,003	69,889,182	70,062,817 kBTU
Site EUI:	120.5	120.4	117.0	121.5	121.7	119.1	119.4 kBTU/ft2

## % Difference from National Median:

Site EUI:	-25	-38	-43	-36	-38	-48	-44 %
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## Annual Greenhouse Gas Emissions (Metric Tons CO10 equivalent):

Direct Emissions:	2004.9	1660.3	1434.4	1759.9	1772.9	1423.6	1523.0
Indirect Emissions:	1043.9	868.0	852.5	883.2	885.3	782.2	827.7
Total Emissions:	3048.8	2528.3	2286.9	2643.1	2658.2	2205.8	2350.7

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

Total Emissions:	4069.3	4067.0	3995.7	4150.2	4273.6	4218.1	4224.5
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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

100240 to Baseline	N/A	<b>Note:</b> N/A has meanings as follows:
100240 to Baseline	N/A	Energy Star Score: Not available for this type of property
100240 to Baseline	N/A	Adjusted Energy Use: Not available for this property
100240 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	