

# STATEMENT OF ENERGY PERFORMANCE

MSU Northern Campus  
300 13th Street West  
Havre MT 59501

Date: 8/24/2021  
Year Built: 1933  
Parent: MSU Northern 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:	562,005	562,005	562,005	562,005	570,319	586,878	586,878 Sq. Ft.
Heating Degree Days	7661	7622	7468	7985	9021	9297	7803
Cooling Degree Days	610	559	462	602	450	339	459

## Reported Annual Energy Use:

Site Energy Use:	50752.4	38206.9	36351.9	41056.3	44136.7	44408.7	36547.8 MBTU
Site EUI:	90,306	67,983	64,682	73,053	77,390	75,669	62,275 BTU/ft2
Electricity:	3,811,661	3,054,492	3,074,408	3,238,653	3,225,004	3,232,622	2,856,331 kWh
Max Electric Demand:	786.0	708.0	702.0	672.0	660.0	702.0	654.0 kW
Natural Gas:	377,470	277,850	258,620	300,060	331,330	333,790	268,020 Therms

## Reported Annual Energy Cost:

Electricity Cost:	\$290,078	\$263,867	\$302,233	\$309,800	\$300,252	\$322,925	\$283,721
Electric Demand Cost:	\$66,557	\$57,555	\$61,383	\$64,007	\$61,394	\$69,234	\$57,147
Natural Gas Cost:	\$367,766	\$236,571	\$202,173	\$211,306	\$185,428	\$157,756	\$140,994
Total Energy Cost:	\$657,844	\$500,438	\$504,406	\$521,106	\$485,679	\$480,681	\$424,715
Energy Cost/ft2	\$1.171	\$0.890	\$0.898	\$0.927	\$0.852	\$0.819	\$0.724

## Weather Normalized Energy Use:

Site Energy Use:	53282.6	40482.8	39250.0	41893.1	41275.9	40386.0	37904.8 MBTU
Site EUI:	94,808	72,033	69,839	74,542	72,373	68,815	64,587 BTU/ft2
Electricity:	3,840,442	3,088,573	3,109,435	3,257,907	3,196,377	3,186,657	2,856,331 kWh
Natural Gas:	401,790	299,446	286,407	307,772	303,699	295,132	281,590 Therms

## National Median Energy Use:

Site Energy Use:	67740.6	66458.1	65277.2	66735.4	69304.6	71396.0	69889.2 MBTU
Site EUI:	120,534	118,252	116,151	118,745	121,519	121,654	119,086 BTU/ft2

## % Difference from National Median:

Site EUI:	-25.08%	-42.51%	-44.31%	-38.48%	-36.31%	-37.80%	-47.71%
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## Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	2004.9	1475.8	1373.7	1593.8	1759.9	1772.9	1423.6
Indirect Emissions:	1112.3	987.1	897.2	945.1	941.1	943.3	833.5
Total Emissions:	3117.2	2367.1	2270.8	2538.8	2700.9	2716.2	2257.1

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

Total Emissions:	4160.6	4117.5	4077.7	4126.8	4241.1	4366.9	4316.2
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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