

STATEMENT OF ENERGY PERFORMANCE

MSU-N Physical Plant
300 13th Street West
Havre MT 59501

Date: 8/24/2021
Year Built: 1967
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:	5,699	5,699	5,699	5,699	5,699	5,699	5,699 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:	102.9	84.8	87.3	93.5	95.0	86.8	72.5 MBTU
Site EUI:	18,056	14,882	15,321	16,414	16,668	15,227	12,716 BTU/ft2
Electricity:	30,158	24,857	25,590	27,417	27,841	25,433	21,240 kWh
Max Electric Demand:	12.0	10.0	34.0	13.2	14.4	10.8	10.8 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

Reported Annual Energy Cost:

Electricity Cost:	\$3,029	\$2,889	\$3,434	\$3,335	\$3,261	\$3,165	\$2,799
Electric Demand Cost:	\$1,048	\$1,037	\$1,272	\$1,136	\$1,075	\$1,087	\$1,023
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$3,029	\$2,889	\$3,434	\$3,335	\$3,261	\$3,165	\$2,799
Energy Cost/ft2	\$0.532	\$0.507	\$0.602	\$0.585	\$0.572	\$0.555	\$0.491

Weather Normalized Energy Use:

Site Energy Use:	104.3	86.2	89.0	95.2	92.1	82.7	73.6 MBTU
Site EUI:	18,293	15,123	15,616	16,713	16,168	14,513	12,911 BTU/ft2
Electricity:	30,555	25,260	26,084	27,916	27,005	24,241	21,565 kWh
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

National Median Energy Use:

Site Energy Use:	224.6	224.6	224.6	224.6	224.6	224.6	224.6 MBTU
Site EUI:	39,411	39,411	39,411	39,411	39,411	39,411	39,411 BTU/ft2

% Difference from National Median:

Site EUI:	-54.19%	-62.24%	-61.13%	-58.35%	-57.71%	-61.36%	-67.73%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indirect Emissions:	8.8	7.3	7.5	8.0	8.1	7.4	6.2
Total Emissions:	8.8	7.3	7.5	8.0	8.1	7.4	6.2

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

Total Emissions:	19.2	19.2	19.2	19.2	19.2	19.2	19.2
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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