

STATEMENT OF ENERGY PERFORMANCE

MSU-N Pump House
300 13th Street West
Havre MT 59501

Date: 8/24/2021
Year Built: 1985
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:	100	100	100	100	100	100	100 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:	29.8	94.3	22.5	47.9	74.6	41.7	30.0 MBTU
Site EUI:	297,799	942,906	224,578	479,401	746,440	417,023	299,770 BTU/ft2
Electricity:	8,728	27,635	6,582	14,050	21,877	12,222	8,786 kWh
Max Electric Demand:	20.0	20.0	20.6	21.1	20.8	19.1	17.4 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms

Reported Annual Energy Cost:

Electricity Cost:	\$1,478	\$2,994	\$2,340	\$2,570	\$2,692	\$2,060	\$1,943
Electric Demand Cost:	\$822	\$950	\$1,705	\$1,394	\$974	\$1,026	\$1,153
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$1,478	\$2,994	\$2,340	\$2,570	\$2,692	\$2,060	\$1,943
Energy Cost/ft2	\$14.778	\$29.942	\$23.400	\$25.703	\$26.924	\$20.601	\$19.429

Weather Normalized Energy Use:

Site Energy Use:	28.5	91.0	22.5	46.3	74.5	41.7	30.6 MBTU
Site EUI:	284,828	909,611	224,578	462,756	744,828	417,023	305,707 BTU/ft2
Electricity:	8,348	26,659	6,582	13,563	21,830	12,222	8,960 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:	3.2	3.2	3.2	3.2	3.2	3.2	3.2 MBTU
Site EUI:	31,883	31,883	31,883	31,883	31,883	31,883	31,883 BTU/ft2

% Difference from National Median:

Site EUI:	834.04%	2857.39%	604.38%	1403.63%	2241.18%	1207.98%	840.22%
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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:	2.5	8.1	1.9	4.1	6.4	3.6	2.6
Total Emissions:	2.5	8.1	1.9	4.1	6.4	3.6	2.6

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

Total Emissions:	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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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