

STATEMENT OF ENERGY PERFORMANCE

MSU-N Pump House
 Various
 Havre 59501

Date: 9/22/2022
 Year Built: 1985
 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:	100	100	100	100	100	100	100 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:	29,780	84,932	22,117	74,644	41,702	29,977	53,198 kBTU
Site EUI:	297.8	849.3	221.2	746.4	417.0	299.8	532.0 kBTU/ft2
Electricity:	8,728	24,892	6,482	21,877	12,222	8,786	15,592 kWh
Max Electric Demand:	20.0	20.4	21.3	20.8	19.1	17.4	19.7 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	\$2,102	\$2,692	\$2,060	\$1,943	\$2,454
Electric Demand Cost:	\$822	\$1,038	\$1,469	\$974	\$1,026	\$1,153	N/A
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$1,478	\$2,994	\$2,102	\$2,692	\$2,060	\$1,943	\$2,454
Energy Cost/ft2	\$14.78	\$29.94	\$21.02	\$26.92	\$20.60	\$19.43	\$24.54

Weather Normalized Energy Use:

Site Energy Use:	27,076	82,492	21,801	74,483	41,702	30,571	51,000 kBTU
Site EUI:	270.8	824.9	218.0	744.8	417.0	305.7	510.0 kBTU/ft2
Electricity:	7,936	24,177	6,389	21,830	12,222	8,960	14,947 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:	3,188	3,188	3,188	3,188	3,188	3,188	3,188 kBTU
Site EUI:	31.9	31.9	31.9	31.9	31.9	31.9	31.9 kBTU/ft2

% Difference from National Median:

Site EUI:	834	2564	594	2241	1208	840	1569 %
-----------	-----	------	-----	------	------	-----	--------

Annual Greenhouse Gas Emissions (Metric Tons CO10 equivalent):

Direct Emissions:	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Indirect Emissions:	2.4	6.8	1.8	6.0	3.3	2.4	4.3
Total Emissions:	2.4	6.8	1.8	6.0	3.3	2.4	4.3

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

Total Emissions:	0.3	0.3	0.3	0.3	0.3	0.3	0.3
------------------	-----	-----	-----	-----	-----	-----	-----

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

100310 to Baseline	N/A	Note: N/A has meanings as follows:
100310 to Baseline	N/A	Energy Star Score: Not available for this type of property
100310 to Baseline	N/A	Adjusted Energy Use: Not available for this property
100310 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	