

STATEMENT OF ENERGY PERFORMANCE

UM Western Emerick Art Studio
710 South Atlantic
Dillon 59725

Date: 9/22/2022
Year Built: 1950
Parent: Not Applicable: Standalone Property

	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:	7,590	7,590	7,590	7,590	7,590	7,590	7,590 Sq. Ft.
Heating Degree Days	7701	8358	7541	7488	8075	7884	7366
Cooling Degree Days	454	437	332	331	337	372	480

Reported Annual Energy Use:

Site Energy Use:	1,327,996	1,035,771	741,721	777,695	772,791	701,138	711,843 kBTU
Site EUI:	175.0	136.5	97.7	102.5	101.8	92.4	93.8 kBTU/ft2
Electricity:	34,212	68,857	82,188	76,830	74,036	64,929	59,856 kWh
Max Electric Demand:	28.0	63.0	34.0	48.4	62.8	44.0	40.0 kW
Natural Gas:	12,113	8,008	4,613	5,156	5,202	4,796	5,076 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$3,835	\$7,879	\$9,159	\$9,613	\$10,249	\$8,685	\$8,120
Electric Demand Cost:	\$1,594	\$2,701	\$2,397	\$3,714	\$4,391	\$3,504	N/A
Natural Gas Cost:	\$13,107	\$6,924	\$3,648	\$4,207	\$4,095	\$3,916	\$4,832
Total Energy Cost:	\$16,942	\$14,803	\$12,807	\$13,820	\$14,344	\$12,602	\$12,953
Energy Cost/ft2	\$2.23	\$1.95	\$1.69	\$1.82	\$1.89	\$1.66	\$1.71

Weather Normalized Energy Use:

Site Energy Use:	1,327,996	1,035,771	741,721	819,975	769,422	726,508	782,092 kBTU
Site EUI:	175.0	136.5	97.7	108.0	101.4	95.7	103.0 kBTU/ft2
Electricity:	34,212	68,857	82,188	76,830	74,036	67,159	65,369 kWh
Natural Gas:	12,113	8,008	4,613	5,578	5,168	4,974	5,591 Therms

National Median Energy Use:

Site Energy Use:	562,857	468,284	395,869	413,189	417,734	422,711	436,565 kBTU
Site EUI:	74.2	61.7	52.2	54.4	55.0	55.7	57.5 kBTU/ft2

% Difference from National Median:

Site EUI:	136	121	87	88	85	66	63 %
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Annual Greenhouse Gas Emissions (Metric Tons CO10 equivalent):

Direct Emissions:	64.3	42.5	24.5	27.4	27.6	25.5	27.0
Indirect Emissions:	9.4	18.9	22.5	21.0	20.3	17.8	16.4
Total Emissions:	73.7	61.4	47.0	48.4	47.9	43.3	43.4

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

Total Emissions:	31.2	27.8	25.1	25.7	25.9	26.1	26.6
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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

100280 to Baseline	N/A	Note: N/A has meanings as follows:
100280 to Baseline	N/A	Energy Star Score: Not available for this type of property
100280 to Baseline	N/A	Adjusted Energy Use: Not available for this property
100280 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	