

STATEMENT OF ENERGY PERFORMANCE

UM Tech-Centennial Hall
1225 Broadway
Butte

Date: 9/7/2018
Year Built: 1999

	Baseline:	2012	12/31/2013	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2013	12/31/2017
Energy Star Score:	54	60	66	58
Gross Floor Area:	33,879	33,879	33,879	33,879 Sq. Ft.
Heating Degree Days	6,778	7,046	7,351	7,862
Cooling Degree Days	730	517	579	731

Reported Annual Energy Use:

Site Energy Use:	3359.31	3272.63	3012.85	3570.65 MBTU
Site EUI:	99,156	96,598	88,930	105,394 BTU/ft ²
Electricity:	309,296	293,020	299,768	325,472 kWh
Max Electric Demand:	75	71	75	73 kW
Natural Gas:	23,040	22,728	19,900	24,601 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$26,272	\$27,452	\$29,749	\$33,265
Electric Demand Cost:	\$6,881	\$6,793	\$7,801	\$7,792
Natural Gas Cost:	\$23,825	\$18,093	\$15,766	\$17,474
Energy Cost/ft ²	\$1.479	\$1.344	\$1.343	\$1.498

Weather Normalized Energy Use:

Site Energy Use:	3579.45	3411.67	3045.72	3570.65 MBTU
Site EUI:	105,654	100,701	89,900	105,394 BTU/ft ²
Electricity:	309,296	293,020	299,768	325,472 kWh
Natural Gas:	25,241	24,119	20,229	24,601 Therms

National Median Energy Use:

Site Energy Use:	3530.08	3658.25	3632.47	3937.57 MBTU
Site EUI:	104,197	107,980	107,219	116,224 BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	122.4	120.7	105.7	130.7
Indirect Emissions:	92	87	89	97
Total Emissions:	214	208	195	227

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

Total Emissions:	225.2	232.3	234.9	250.8
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% Difference from National Median:

Site EUI:	-4.84	-10.54	-17.06	-9.32
Total Emissions:	-4.84	-10.55	-17.07	-9.33

Adjusted Energy Based on Current Year:

Site Energy Use:	3734.77	3544.33	3167.15	3570.65 MBTU
Site EUI:	110,238	104,617	93,484	105,394 BTU/ft ²

% Difference Adjusted Site Energy Use

2012 to Baseline	-5.10
2013 to Baseline	-15.20
Current to Baseline	-4.39
Current to 2013	12.74