

STATEMENT OF ENERGY PERFORMANCE

MDT-Miles City New Lab
3rd & Orr Street
Miles City MT 59301

Date: 8/24/2021
Year Built: 1980
Parent: MDT-Miles City HQ Site

	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:	73	70	62	55	53	56	63
Gross Floor Area:	3,200	3,200	3,200	3,200	3,200	3,200	3,200 Sq. Ft.
Heating Degree Days	7024	6591	6751	7320	8476	8583	7321
Cooling Degree Days	1063	1124	820	1022	669	565	736

Reported Annual Energy Use:

Site Energy Use:	174.6	126.5	139.1	150.6	159.8	177.4	171.7 MBTU
Site EUI:	54,554	39,533	43,458	47,072	49,947	55,433	53,667 BTU/ft2
Electricity:	16,152	25,980	29,900	35,128	36,309	30,715	23,854 kWh
Max Electric Demand:	0.0	0.0	0.0	0.0	14.5	16.3	12.5 kW
Natural Gas:	1,195	379	370	308	359	726	903 Therms

Reported Annual Energy Cost:

Electricity Cost:	\$932	\$1,587	\$1,864	\$2,349	\$2,619	\$2,753	\$2,005
Electric Demand Cost:	\$0	\$0	\$0	\$0	\$126	\$309	\$70
Natural Gas Cost:	\$982	\$284	\$395	\$357	\$395	\$616	\$690
Total Energy Cost:	\$1,913	\$1,871	\$2,259	\$2,706	\$3,015	\$3,369	\$2,696
Energy Cost/ft2	\$0.598	\$0.585	\$0.706	\$0.846	\$0.942	\$1.053	\$0.842

Weather Normalized Energy Use:

Site Energy Use:	186.0	142.7	153.8	154.4	143.7	161.1	175.8 MBTU
Site EUI:	58,119	44,607	48,073	48,247	44,891	50,337	54,933 BTU/ft2
Electricity:	16,420	27,857	32,497	35,874	33,689	28,422	24,044 kWh
Natural Gas:	1,300	477	430	320	287	641	938 Therms

National Median Energy Use:

Site Energy Use:	243.4	169.2	164.2	161.1	167.5	193.1	207.2 MBTU
Site EUI:	76,069	52,873	51,316	50,338	52,359	60,353	64,735 BTU/ft2

% Difference from National Median:

Site EUI:	-28.28%	-25.23%	-15.31%	-6.49%	-4.61%	-8.15%	-17.10%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	6.3	2.0	2.0	1.6	1.9	3.9	4.8
Indirect Emissions:	4.7	5.5	8.7	10.3	10.6	9.0	7.0
Total Emissions:	11.1	9.6	10.7	11.9	12.5	12.8	11.8

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

Total Emissions:	15.4	12.8	12.6	12.7	13.1	14.0	14.2
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Adjusted Energy Based on Current Year:

Site Energy Use:	174.2	127.9	141.3	149.1	154.3	171.6	171.7 MBTU
Site EUI:	54,448	39,964	44,148	46,578	48,227	53,622	53,667 BTU/ft2

% Difference Adjusted Site Energy Use

2012 to Baseline	-26.60%
2015 to Baseline	-18.92%
2017 to Baseline	-14.45%
2018 to Baseline	-11.42%
2019 to Baseline	-1.52%
Current to Baseline	-1.44%
2019 to 2020	0.08%

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