

STATEMENT OF ENERGY PERFORMANCE

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

Date: 12/7/2023
Year Built: 1980
Parent: MDT-Miles City HQ Site

	Baseline:	2014	2017	2019	2020	2021	Current:
Energy Date:	12/31/2007	12/31/2014	12/31/2017	12/31/2019	12/31/2020	12/31/2021	12/31/2022
Energy Star Score:	73	51	55	56	63	61	51
Gross Floor Area:	3,200	3,200	3,200	3,200	3,200	3,200	3,200 Sq. Ft.
Heating Degree Days	7024	7909	7320	8583	7321	7314	8098
Cooling Degree Days	1063	621	1022	565	736	1055	928
Reported Annual Energy Use:							
Site Energy Use:	174.6	158.2	150.6	177.4	171.7	176.6	170.0 MBTU
Site EUI:	54.6	49.4	47.1	55.4	53.7	55.2	53.2 kBTU/ft2
Electricity:	16,152	37,352	35,128	30,715	23,854	25,769	36,572 kWh
Max Electric Demand:	N/A	N/A	N/A	16.3	12.5	4.3	7.5 kW
Natural Gas:	1,195	308	308	726	903	887	454 Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$932	\$2,320	\$2,349	\$2,753	\$2,005	\$2,202	\$3,237
Electric Demand Cost:	N/A	N/A	N/A	\$309	\$70	N/A	\$296
Natural Gas Cost:	\$982	\$367	\$357	\$616	\$690	\$867	\$700
Total Energy Cost:	\$1,913	\$2,686	\$2,706	\$3,369	\$2,696	\$3,069	\$3,937
Energy Cost/ft2	\$0.60	\$0.84	\$0.85	\$1.05	\$0.84	\$0.96	\$1.23
Weather Normalized Energy Use:							
Site Energy Use:	186.0	152.9	154.4	161.1	175.8	179.2	161.2 MBTU
Site EUI:	58.1	47.8	48.2	50.3	54.9	56.0	50.4 kBTU/ft2
Electricity:	16,420	36,237	35,874	28,422	24,044	25,951	34,571 kWh
Natural Gas:	1,300	292	320	641	938	907	432 Therms
National Median Energy Use:							
Site Energy Use:	243.4	160.5	161.1	193.1	207.2	205.0	172.0 kBTU
Site EUI:	76.1	50.2	50.3	60.4	64.7	64.1	53.9 kBTU/ft2
% Difference from National Median:							
Site EUI:	-28.3%	-1.4%	-6.5%	-8.2%	-17.1%	-13.8%	-1.3%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	6.3	1.6	1.6	3.9	4.8	4.7	2.4
Indirect Emissions:	12.7	23.3	19.9	15.4	10.7	11.7	16.6
Total Emissions:	19.0	24.9	21.5	19.3	15.5	16.4	19.1
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	26.5	25.3	23.0	21.0	18.7	19.1	19.3
Adjusted Energy Based on Current Year:							
Site Energy Use:	179.0	160.2	153.1	176.2	176.4	179.4	170.0 kBTU
Site EUI:	55.9	50.1	47.8	55.1	55.1	56.1	53.2 kBTU/ft2
% Difference Adjusted Site Energy Use							
2014 to Baseline	-10.46%	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					
2017 to Baseline	-14.45%						
2019 to Baseline	-1.52%						
2020 to Baseline	-1.44%						
2021 to Baseline	0.24%						
Current to Baseline	-5.01%						
2021 to 2022	-5.23%						