

STATEMENT OF ENERGY PERFORMANCE

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

Date: 12/7/2023
Year Built: 1970
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:	100	83	88	88	90	85	89
Gross Floor Area:	1,360	1,360	1,360	1,360	1,360	1,360	1,360 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:	22.4	65.4	56.0	66.0	58.5	69.1	57.0 MBTU
Site EUI:	16.5	48.1	41.2	48.5	43.0	50.8	42.1 kBTU/ft2
Electricity:	N/A	10,924	9,941	8,694	8,306	9,148	9,289 kWh
Max Electric Demand:	N/A	N/A	N/A	N/A	N/A	N/A	N/A kW
Natural Gas:	225	282	221	363	302	379	256 Therms
Reported Annual Energy Cost:							
Electricity Cost:	N/A	\$831	\$861	\$877	\$855	\$940	\$965
Electric Demand Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natural Gas Cost:	\$234	\$348	\$305	\$412	\$363	\$556	\$509
Total Energy Cost:	\$234	\$1,178	\$1,166	\$1,289	\$1,218	\$1,495	\$1,474
Energy Cost/ft2	\$0.17	\$0.87	\$0.86	\$0.95	\$0.90	\$1.10	\$1.08
Weather Normalized Energy Use:							
Site Energy Use:	24.5	61.8	56.1	59.7	61.0	68.8	52.6 MBTU
Site EUI:	18.0	45.4	41.3	43.9	44.9	50.6	38.7 kBTU/ft2
Electricity:	N/A	10,521	9,705	8,402	8,650	8,814	8,833 kWh
Natural Gas:	245	259	230	310	315	387	225 Therms
National Median Energy Use:							
Site Energy Use:	218.5	113.1	109.4	127.7	120.7	125.5	116.0 kBTU
Site EUI:	160.6	83.1	80.4	93.9	88.8	92.3	85.5 kBTU/ft2
% Difference from National Median:							
Site EUI:	-89.7%	-42.1%	-48.8%	-48.4%	-51.5%	-44.9%	-50.7%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	1.2	1.5	1.2	1.9	1.6	2.0	1.4
Indirect Emissions:	N/A	6.8	5.6	4.4	3.7	4.2	4.2
Total Emissions:	1.2	8.3	6.8	6.3	5.3	6.2	5.6
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	11.6	14.4	13.3	12.2	11.0	11.2	11.3
Adjusted Energy Based on Current Year:							
Site Energy Use:	22.9	66.0	56.7	65.6	59.7	69.9	57.0 kBTU
Site EUI:	16.8	48.5	41.7	48.3	43.9	51.4	42.1 kBTU/ft2
% Difference Adjusted Site Energy Use							
2014 to Baseline	188.88%	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	147.98%						
2019 to Baseline	187.21%						
2020 to Baseline	161.14%						
2021 to Baseline	205.75%						
Current to Baseline	149.40%						
2021 to 2022	-18.43%						