

2023-2024 City of Appleton Emission Inventory

	2023 Scope I Emissions	2023 Scope II Emissions	2024 Scope I Emissions	2024 Scope II Emissions
Natural Gas - Parks	278		254	
Natural Gas - Facilities	2,137		1,732	
Natural Gas - Parking Ramps	16		10	
Natural Gas -WWTP	532		184	
WWTP Methane Combustion & Flaring	11,791		11,445	
Electricity - Water Plant (Menasha Utilities)		2,404		2,356
Electricity - Street Lighting and other		2,370		2,318
Electricity - WWTP		4,362		4,309
Electricity - Facilities		1,823		1,670
Facilities Electricity - Parking Ramps		251		229
Electricity -Parks		406		394
Electricity - City Hall		192		183
Valley Transit	2,008		1,859	
Non-Valley Transit City Vehicles	2,922		2,682	
Total	19,683	11,809	18,165	11,460
Avoided Emissions		4,251		3,954
Total Net Emissions		27,241		25,671
Difference				-5.8%

Units = metric tons of CO₂e

WE Energies fuel mix = the total renewable sources of electrical generation shown in table:

<https://www.we-energies.com/environment/epa-greenhouse-gas-reporting>

Total GHG Emissions = Scope I + Scope II emissions

Avoided Emissions = Total Scope II emissions * WE Energies fuel mix

Net Emissions = Total Emissions - Avoided Emissions

WE Energies fuel mix factor 2023 - 36%, 2024 - 34.5%