

Landfill Diversion

560,000
tons of MSW processed

Enough to fill
1.2
Madison Square Garden arenas

Or
67,400
garbage trucks, bumper to bumper

Energy Recovery

298,000
MWh net electricity export

Enough to power
28,000
homes for 1 year

Or, charge
69,000
Electric vehicles for 1 year

Metal Recycling

15,300
tons of ferrous metals

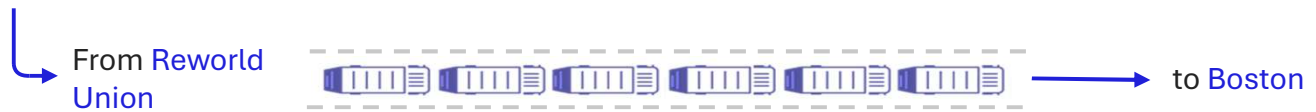
Equivalent to:
13,000
cars recovered from steel

Paperclip chain wrapped around the earth
24 times

1,400
tons of non-ferrous metals

98M
aluminum cans

Energy savings from avoided metal mining:
4.0M
gallons of gasoline



Net Greenhouse Gas (GHG) Avoidance

2.4 tons
of net CO₂e avoided* for every ton of waste diverted from landfill

1.2M
metric tons of GHGs avoided

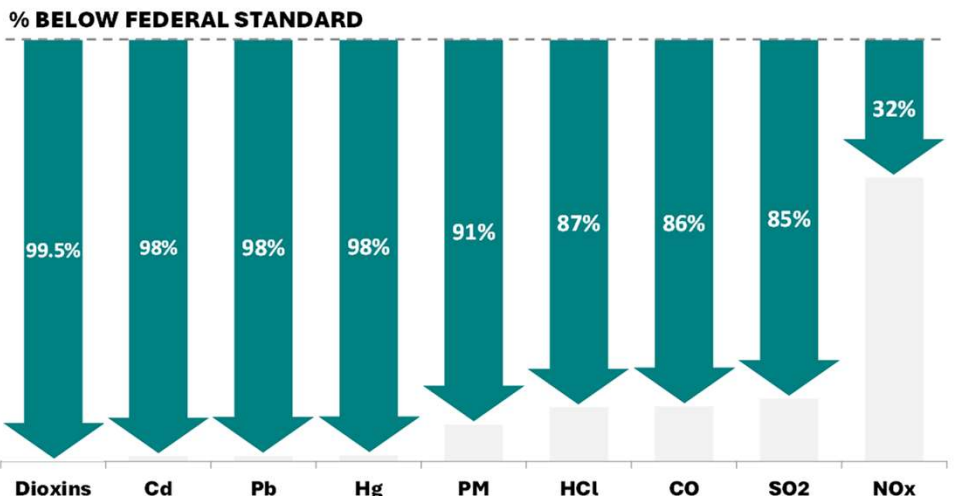
Equivalent to removing/displacing:
295,000
Vehicles from roads

1.48B
Pounds of coal

Environmental Compliance

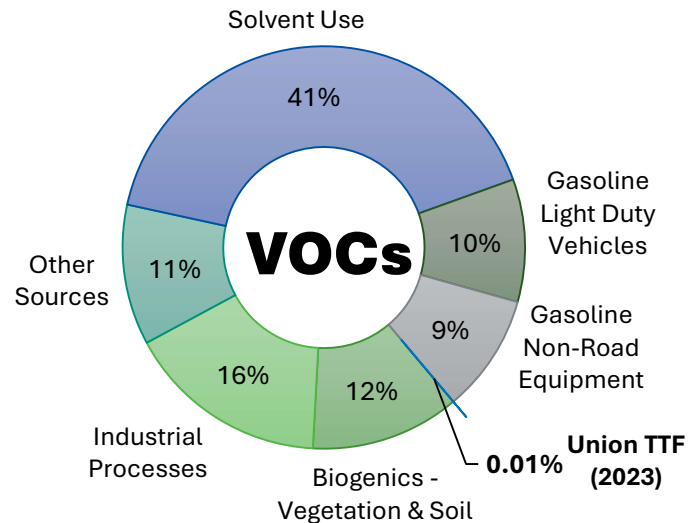
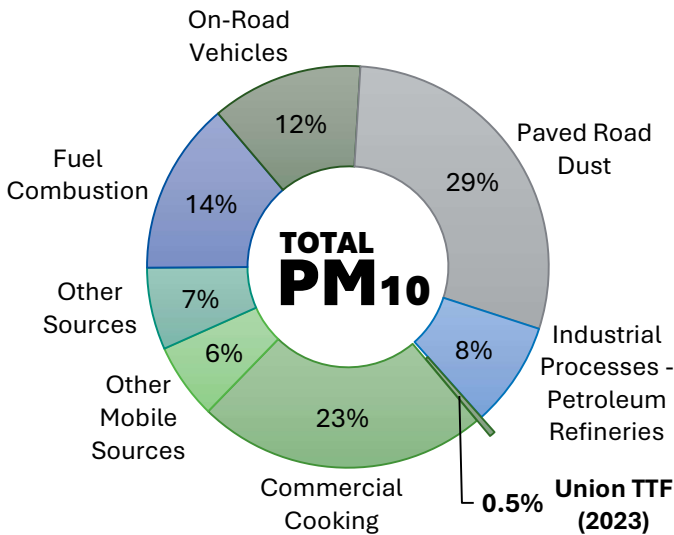
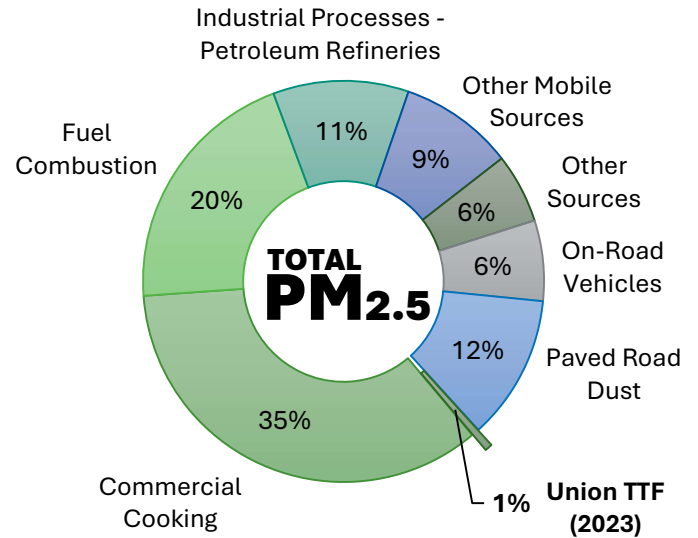
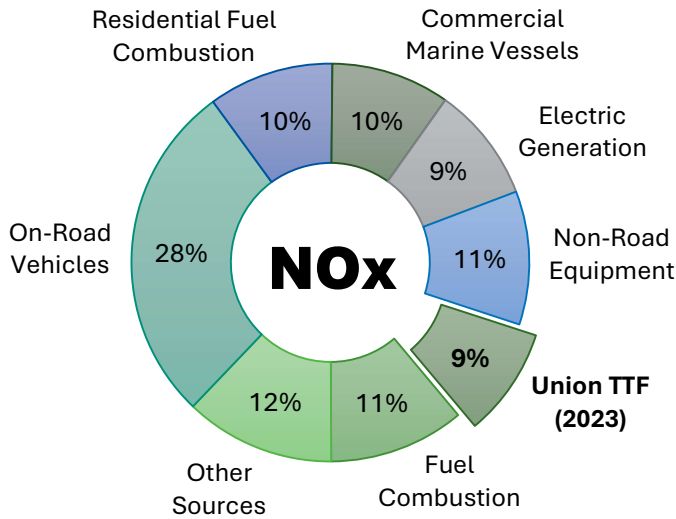
up to
99.5% below
Federal emissions standards, based on annual averages**

99.97% compliant
with Continuous Emissions Monitoring (CEMS) standards



How Do Our Emissions Compare to Other Sources in the County?

Local air emissions^{***} in Union County, NJ



* GHGs are represented in CO₂ equivalents (CO₂e) using global warming potentials (GWPs) to compare the warming power of different gases. This analysis uses the 20-yr GWP for methane of 81 from the IPCC's 6th assessment report. TTFs in the U.S. reduce lifecycle emissions by an average of 2.4 tons of CO₂e per ton of MSW diverted from landfills. The data presented here reflects facility-specific operating data and the local electrical grid, which can differ from the national average.

** 2021-2023 Average Annual Emissions compared to federal guidelines for existing facilities (40 CFR 60 Subpart Cb). Facility may be subject to more stringent requirements by permit or in accordance with other federal guidelines.

*** Based on the 2020 US EPA National Emissions Inventory; the most recently released complete inventory. Where available, the facility's 2020 emissions were replaced with the most recently reported 2023 emissions.