Stanislaus TTF

2023 Facility Performance

Reworld

Landfill Diversion

210,000
tons of MSW processed

Enough to cover
149
Football Fields

Or
25,100
garbage trucks, bumper to bumper

Energy Recovery

93,000
MWh net electricity export

Enough to power
9,000
homes for 1 year

Or, charge
22,000
Electric vehicles for 1 year

Metal Recycling

5,500
tons of ferrous metals

300
tons of non-ferrous metals

Equivalent to:
5,000
cars recovered from steel

18M
aluminum cans

Paperclip chain wrapped around the earth
8 times

Energy savings from avoided metal mining:
1.2M
gallons of gasoline

From Reworld Stanislaus  to Fresno

Net Greenhouse Gas (GHG) Avoidance

2.2 tons
of net CO_2e avoided* for every ton of waste diverted from landfill

419,000
metric tons of GHGs avoided

Equivalent to removing/displacing:

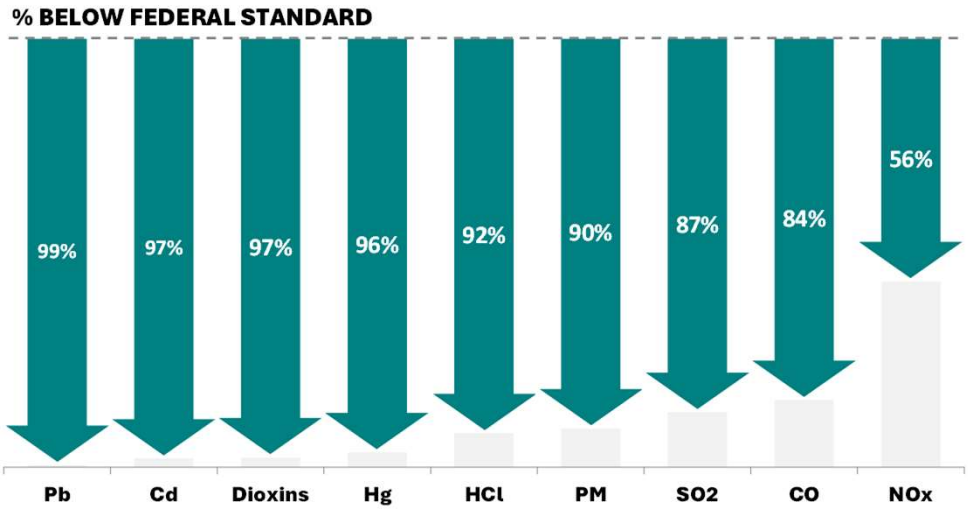
103,000
Vehicles from roads

517M
Pounds of coal

Environmental Compliance

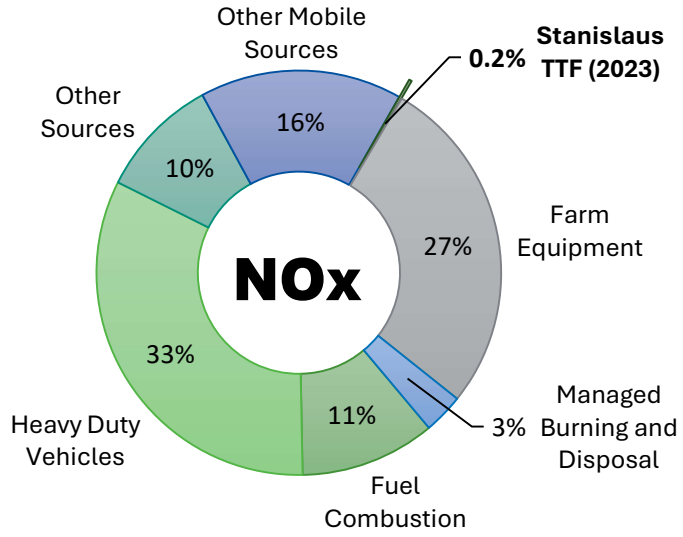
up to
99% below
Federal emissions standards, based on annual averages**

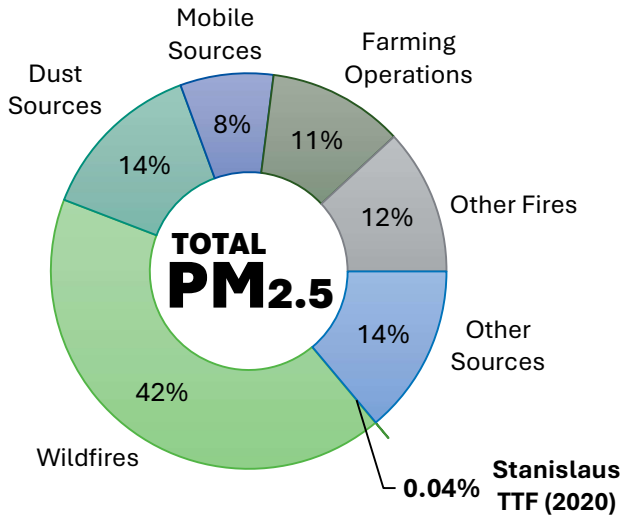
99.88% compliant
with Continuous Emissions Monitoring (CEMS) standards

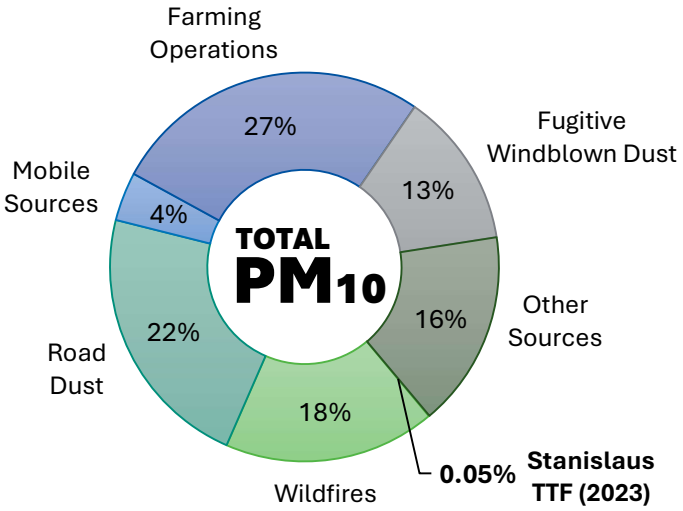


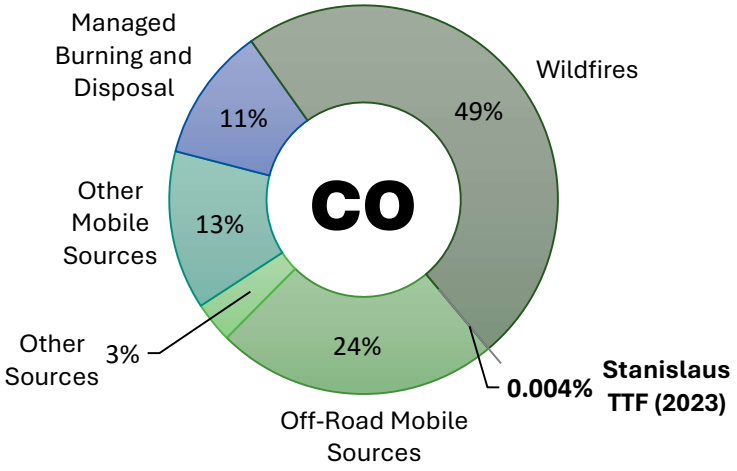
How Do Our Emissions Compare to Other Sources in the County?

Local air emissions*** in San Joaquin Valley Unified APCD









* GHGs are represented in CO_2 equivalents (CO_2e) 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 CO_2e 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 CARB Criteria Pollutant Emission Inventory Data for the 2020 base year.
Where available, the facility's 2020 emissions were replaced with the most recently reported 2023 emissions.