

Covanta Indianapolis

2022 Facility Performance

Landfill Diversion

MSW Processed
700,000 tons

Enough
to fill:

84,800 garbage trucks
spanning **321 miles**

Covanta
Indianapolis



Nashville, TN

Steam Generation



3 billion pounds of steam
sold to Citizen Thermal Energy

Supplying **50% of the steam** for the
downtown Indianapolis heating loop

Metal Recovery

Ferrous
17,100 tons

Non-Ferrous
1,200 tons

The metal recovered
is equivalent to:



14 thousand cars
from recovered
steel



Energy savings
equivalent to **4.0
million** gallons of
gasoline



80 million
aluminum
cans



A paper clip chain
that wraps around
the Earth **26** times

Net GHG Avoidance



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



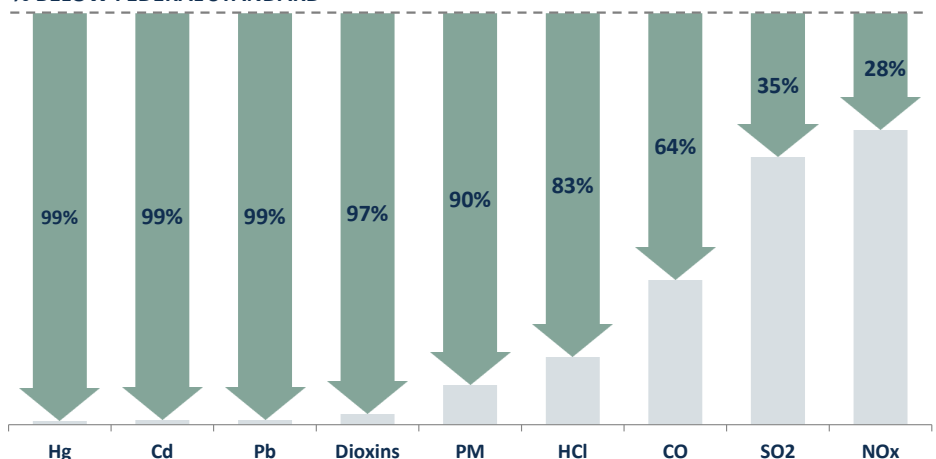
491,000 metric tons of GHGs equivalent to:
Removing **121 thousand** vehicles for 1 year
Displacing **606 million** pounds of coal

Environmental Compliance

✓ **Annual Average Emissions**
Up to **99%** below federal
emissions standards**

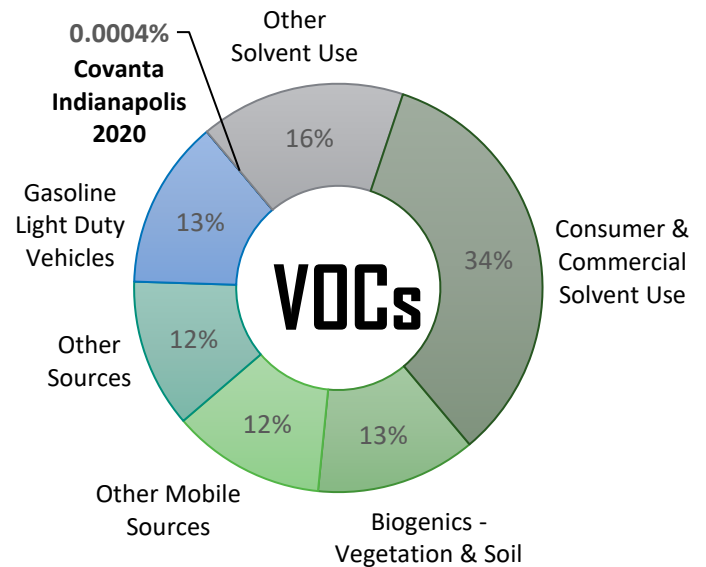
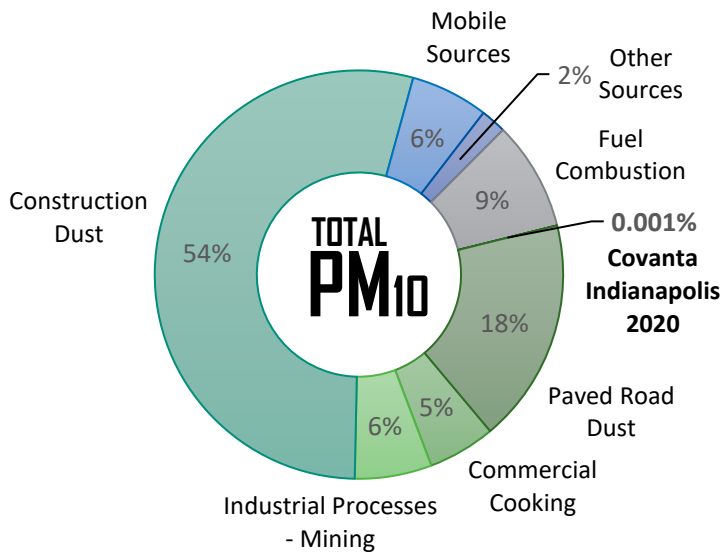
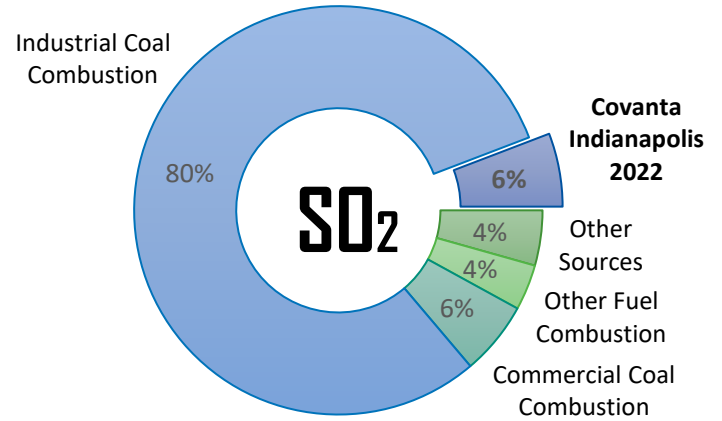
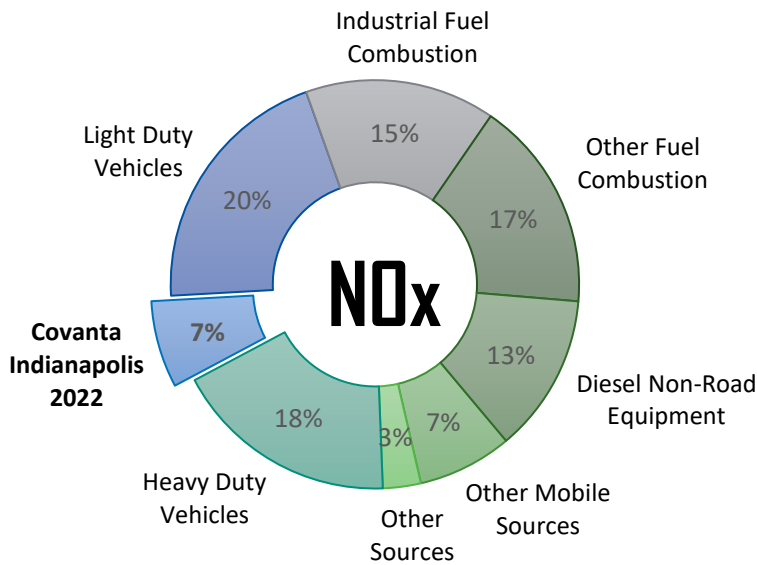
✓ **Continuous Emissions
Monitoring**
100.000% compliant
with CEMS emissions
standards

% BELOW FEDERAL STANDARD



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

Local air emissions*** in Marion County, IN



* GHGs, or greenhouse gases, are represented in CO₂ equivalents using global warming potentials (GWPs) to compare the warming power of different gases. This analysis uses the 100-yr GWP for methane of 28 from the IPCC's 5th assessment report. WTE facilities in the U.S. reduce lifecycle emissions by an average of 1 ton 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. More information on the calculation can be found at <https://www.covanta.com/waste-to-energy-vs-landfill>

** 2020-2022 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 2022 emissions.

Covanta Lancaster

2021 Facility Performance

Landfill Diversion

MSW Processed

390,000 tons

Enough
to fill:

47,300 garbage trucks
spanning **179** miles

Covanta
Lancaster



Rockefeller
Center, NY

Steam & Electric Generation



Metal Recovery

Ferrous

7,600 tons

Non-Ferrous

500 tons

The metal recovered
is equivalent to:



6 thousand cars
from recovered
steel



Energy savings
equivalent to **1.8 million** gallons of
gasoline



34 million
aluminum
cans



A paper clip chain
that wraps around
the Earth **12** times

Net GHG Avoidance



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



309,000 metric tons of GHGs equivalent to:
Removing **76 thousand** vehicles for 1 year
Displacing **381 million** pounds of coal

Environmental Compliance

✓ Annual Average Emissions

Up to **98%** below federal
emissions standards**

✓ Continuous Emissions Monitoring

100.000% compliant
with CEMS emissions
standards

% BELOW FEDERAL STANDARD

