York County Resource Recovery Center
2018 Facility Performance

Net GHG Reduction

Compared to Landfilling, 1 Ton of MSW processed
Reduces lifecycle emissions* by 0.81 Tons of Net CO2e

In 2018, the plant avoided emissions equivalent to:

- 69 thousand passenger vehicles driven for 1 Year
- Burning 354 million pounds of coal

* Life Cycle calculations are based on facility operating data, local electrical grid, and U.S. national average landfill practices

Electricity Generation

The electricity produced at the plant:

Provides electricity for 16 thousand homes for 1 Year

- OR-

Can fully charge a Tesla Model S vehicle 1.7 million times

Average Annual Facility Emissions

2016-2018 EfW Emissions Compared to Federal Standards

The facility operates up to 99% below federal emissions standards

EfW Continuous Emission Monitoring Compliance Performance**

** Percentage of time in compliance with CEMS emissions standards

100.00%

Learn more through our online sustainability report! [covanta-csr.com]
How Do Our Emissions Compare to Other Sources in the County?
Local air emissions* in York County, PA

- **NOx**
  - Electric Generation: 41%
  - Industrial Coal Combustion: 5%
  - Other Industrial Combustion: 5%
  - Other Sources: 7%
  - On-road Vehicles: 20%
  - Other Mobile Sources: 13%

- **SOx**
  - Electric Generation - Coal: 52%
  - Industrial Coal Combustion: 0.35%
  - Other Sources: 9%
  - Industrial Processes: 4%

- **PM10**
  - Agricultural Dust: 22%
  - Industrial Processes & Combustion: 18%
  - Construction Dust: 18%
  - Mobile Sources: 15%
  - Road Dust: 15%
  - Other Sources: 17%

- **VOC**
  - Biogenic Sources (vegetation & soil): 35%
  - On-road Vehicles: 8%
  - Other Sources: 13%
  - Other Mobile Sources: 4%
  - Residential Wood Combustion: 5%

* Based on the 2014 US EPA National Emissions Inventory; the most recently released complete inventory. Where available, the facility’s 2014 emissions were replaced with the reported 2018 emissions.

UPDATED: 12/13/19