Metal Recovery

The metal recovered in 2018 is equivalent to:

- **13 thousand** cars from recovered steel
- Energy savings equivalent to **7.5 million** gallons of gasoline
- **313 million** aluminum cans
- A paper clip chain that wraps around the Earth **24** times

Ferrous: **15,400** tons  
Non-Ferrous: **4,600** tons

Net GHG Reduction

Compared to Landfilling, 1 Ton of MSW processed reduces lifecycle emissions* by **0.87 Tons of Net CO2e**

In 2018, the plant **avoided emissions** equivalent to:

- **123 thousand** passenger vehicles driven for 1 Year
- **633 million** pounds of coal

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

Average Annual Facility Emissions

2016-2018 EfW Emissions Compared to Federal Standards

Covanta Dade operates up to **99.5% below** federal emissions standards

Electricity Generation

The electricity produced at the plant:

- Provides electricity for **29.7 thousand** homes for 1 Year
- Can fully charge a Tesla Model S vehicle **3.2 million** times

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 Miami-Dade County, FL

**EfW Continuous Emission Monitoring Compliance Performance**

99.99%
2018

*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.

**Percentage of hours in compliance with CEMS emissions standards"