# Covanta Union
## 2018 Facility Performance

### Metal Recovery

The metal recovered in **2018** is equivalent to:

- **14 thousand** cars from recovered steel
- **97 million** aluminum cans
- Energy savings equivalent to **4.2 million gallons of gasoline**
- A paper clip chain that wraps around the Earth **26 times**

<table>
<thead>
<tr>
<th>Ferrous</th>
<th>Non-Ferrous</th>
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<tbody>
<tr>
<td>16,700 tons</td>
<td>1,400 tons</td>
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### Net GHG Reduction

Compared to Landfilling, 1 Ton of MSW processed reduces lifecycle emissions* by **0.94 Tons of Net CO2e**

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

- **98 thousand** passenger vehicles driven for **1 Year**
- Burning **503 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

Covanta Union operates up to **99% below** federal emissions standards

<table>
<thead>
<tr>
<th>2016-2018 EFW Emissions Compared to Federal Standards</th>
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<tbody>
<tr>
<td>Pb</td>
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<tr>
<td>99%</td>
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</table>

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.

### Electricity Generation

The electricity produced at the plant:

- Provides electricity for **26 thousand** homes for **1 Year**
- Can fully charge a Tesla Model S vehicle **2.8 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 Union County, NJ

** EfW Continuous Emission Monitoring Compliance Performance**  
99.96%  
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