## Metal Recovery

<table>
<thead>
<tr>
<th>Ferrous</th>
<th>Non-Ferrous</th>
</tr>
</thead>
<tbody>
<tr>
<td>17,000 tons</td>
<td>2,200 tons</td>
</tr>
</tbody>
</table>

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

- **14 thousand** cars from recovered steel
- Energy savings equivalent to **5.1 million gallons of gasoline**
- **150 million** aluminum cans
- A paper clip chain that wraps around the Earth **26 times**

## Net GHG Reduction

**Compared to Landfilling,**

- **1 Ton of MSW processed**
- Reduces lifecycle emissions* by **1.40 Tons of Net CO2e**

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

- **210 thousand** passenger vehicles driven for **1 Year**
- Burning **1,080 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 Niagara operates **up to 99% below federal emissions standards**

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 **45.5 thousand homes for 1 Year**
- Can fully charge a Tesla Model S vehicle **4.9 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 Niagara County, NY

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

UPDATED: 12/13/19