**Covanta Marion**

**2018 Facility Performance**

### Metal Recovery

<table>
<thead>
<tr>
<th></th>
<th>Ferrous</th>
<th>Non-Ferrous</th>
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<tbody>
<tr>
<td></td>
<td>7,100   tons</td>
<td>400 tons</td>
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</tbody>
</table>

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

- **6 thousand** cars from recovered steel
- **28 million** aluminum cans
- Energy savings equivalent to **1.6 million gallons** of gasoline
- A paper clip chain that wraps around the Earth **11 times**

### Net GHG Reduction

**Compared to Landfilling,**

- **1 Ton** of MSW processed
- Reduces lifecycle emissions* by **0.77 Tons of Net CO2e**

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

- **26 thousand** passenger vehicles driven for **1 Year**
- Burning **134 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 Marion 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

- Provides electricity for **6 thousand** homes for **1 Year**
- **OR**
- Can fully charge a **Tesla Model S** vehicle **700 thousand** times

**UPDATED: 2/3/20**

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 Marion County, OR

** EfW Continuous Emission Monitoring Compliance Performance**

100.00%
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

(excluding road dust, which is 78% of total inventory)