

Covanta in North America

2021 U.S. and Canada Performance

Electric & Steam Generation

The electricity produced at the plants can power **900 thousand** homes for **1 Year**



The steam exported at select plants can power an additional **70 thousand** homes for **1 Year**

Metal Recycling

Ferrous

510,000 tons

Non-Ferrous

40,000 tons

The metal recovered is equivalent to:



430 thousand cars from recovered steel



Energy savings equivalent to **124 million** gallons of gasoline



2.6 billion aluminum cans



A paper clip chain that wraps around the Earth **780** times

Net GHG Reduction



1 Ton of waste processed by the facilities reduces lifecycle emissions* by **0.9 tons of net CO₂e**** compared to landfilling



In 2021, our facilities avoided emissions equivalent to **3.6 million** passenger vehicles driven for **1 Year**, or burning **18.5 billion** pounds of coal

* WTE facilities in the U.S. reduce lifecycle emissions by an average of 1 ton of CO₂e per ton of MSW diverted from landfills. The data presented here reflects recent North American operating data and the U.S. national electrical grid, which can differ from year to year.

** To allow for a comparison of different greenhouse gases, emissions are converted into CO₂ equivalents, or CO₂e, using global warming potentials (GWPs). This analysis uses the 100-yr GWP for methane of 28 from the IPCC's 5th assessment report.

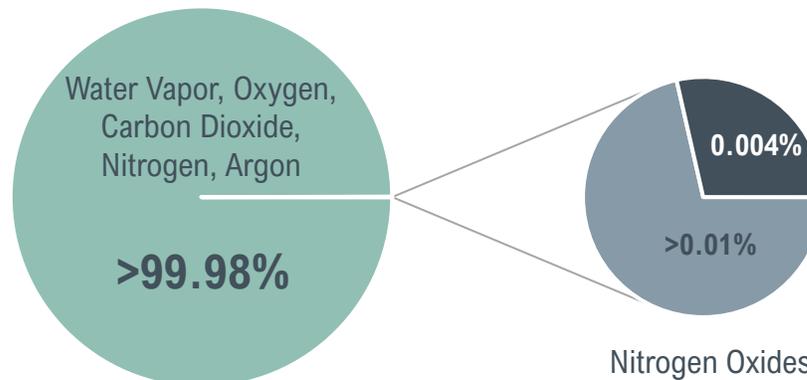
More information on the calculation can be found at <http://covanta-csr.com/wte-vs-landfill/>

Stack Emissions Composition

Did you know?

>99.98% of our stack emissions are normal components of air

Composition of Stack Emissions by mass (wet basis) calculated using 2019-2021 North America fleet emissions averages



Other Emissions:

CO, SO₂, HCl, NH₃, N₂O, PM, metals, PCDD/F, VOC, CH₄, HF

Continuous Emission Monitoring Compliance



In 2021, the facilities were **99.98%** compliant with CEMS emissions standards