Covanta Stanislaus
2020 Facility Performance

Landfill Diversion
33,467 garbage trucks diverted from landfill
127 miles bumper to bumper
Covanta Stanislaus
Pfeiffer Big Sur State Park

Electric Generation
The electricity produced at the plant can:
Power 14 thousand homes for 1 Year
OR
Charge 34 thousand electric vehicles for 1 Year

Metal Recovery
Ferrous
4,900 tons
Non-Ferrous
700 tons
The metal recovered is equivalent to:
4 thousand cars from recovered steel
1.6 million gallons of gasoline
51 million aluminum cans
A paper clip chain that wraps around the Earth 7 times

Net GHG Reduction
1 Ton of waste processed by the facility reduces lifecycle emissions* by 0.9 tons of net CO₂e** compared to landfilling
In 2020, the facility avoided emissions equivalent to 49 thousand passenger vehicles driven for 1 Year, or burning 251 million pounds of coal

Average Annual Facility Emissions
2018-2020 WTE Emissions Compared to Federal Standards
The facility 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.

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 the San Joaquin Valley Air Basin

Continuous Emission Monitoring Compliance

✓ In 2020, the facility was **99.98%** compliant with CEMS emissions standards

** 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/](http://covanta-csr.com/wte-vs-landfill/)

*** Based on the 2017 US EPA National Emissions Inventory; the most recently released complete inventory. Where available, the facility’s 2017 emissions were replaced with the reported 2020 emissions.