

# Energy-from-Waste vs. Landfill



## Energy-from-Waste (EfW)



1 Hour

EfW eliminates waste, controls emissions and recovers energy.

This only takes **one hour**.



550 KWh

EfW facilities produce **550 kilowatt hours** of clean electricity. That's enough to power the average home for **two weeks**.



550 Million Tree Seedlings per Year

Covanta's EfW facilities avoid **22 million tons** of GHGs per year. That's like planting **550 million tree seedlings** per year.



Covanta emissions are highly regulated and operate **60 to 90+ percent** better than permitted limits.



That's Enough Metal for Over Six Golden Gate Bridges!

EfW recovers **50 lbs** of ferrous metal per ton of waste. Annually, Covanta recycles **600,000+ tons** of ferrous metal.



## Landfill

Landfill emissions are often uncontrolled.

Waste can degrade there for **100 years** or more.

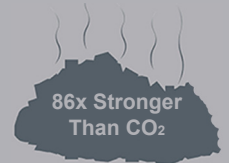


Landfill energy plants produce **65 kilowatt hours**. That's enough energy to power the average home for only **two days**.



65 KWh

Landfills are leading sources of methane--a prominent GHG. Methane gas is **86 times** stronger than CO<sub>2</sub>.



86x Stronger Than CO<sub>2</sub>

Landfills can release **170** different air pollutants during their lifetime, yet they are minimally regulated.



170 Different Air Pollutants

Landfills recover **0 lbs** of metal.

Once metals are buried, they stay there forever.



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