



**What is landfill gas?**

**How does a landfill produce gas?**

**How is landfill gas converted into electricity?**

## Caglia Environmental Installs its First San Joaquin Valley Landfill Gas-to-Electric Project

**“Caglia Environmental is excited to be able to power its waste and recycling facilities with 100% renewable energy.**

**Landfill gas to electricity projects produce dependable power that help to reduce greenhouse gases, and contribute to a healthier valley.”**

**Richard Caglia**

**Corporate  
Development Officer  
Caglia Environmental**

### ***What is landfill gas?***

Landfill gas includes all types of gases produced by disintegration of waste, including methane.

### ***Is there another privately owned facility in Fresno County that converts gas from a landfill into electricity?***

No. For the first time in Fresno County history, a local, privately held company has invested in a process that converts gas from a closed landfill into electricity, supplying 100% of the power required to operate the Caglia family owned waste and recycling facilities.



### ***How does a landfill produce gas, including methane?***

Gas from landfills, including methane, is produced during the natural process of waste decomposition over time. Modern day landfills capture the gas by applying a vacuum to the landfill.

### ***How is landfill gas converted into electricity?***

The CARTS project extracts gas from the landfill, filters it, and uses it to power a reciprocating engine, which is a sustainable alternative to allowing it to vent into the atmosphere.

**For more information, contact us:**

**559-233-1158**

**[www.CagliaEnvironmental.com](http://www.CagliaEnvironmental.com)**

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