

# Brea Landfill Gas Plant

EDL owns and operates the Brea Landfill Gas (LFG) Plant in Brea, California.

## About the plant

EDL acquired both the Brea and Johnston landfill gas (LFG) plants in 2019. The plants are two of the largest and most advanced LFG facilities in the United States with a combined installed generation capacity of 65.3MW.

LFG is generated from decomposing organic matter in landfills. It mostly consists of methane, carbon dioxide and organic compounds. This gas would otherwise be released to the atmosphere or flared. Instead, we convert the gas to electricity, significantly reducing carbon emissions.

The Brea plant has an installed generation capacity of 32.2MW comprising four Solar Taurus 60 turbines, heat steam recovery generators and a steam turbine generator.

The plant is located on the Olinda landfill, which is one of the largest landfills in the United States, covering 565 acres (approximately 2.3 square kilometres).

### At a glance

**Project name:**  
Brea LFG Plant

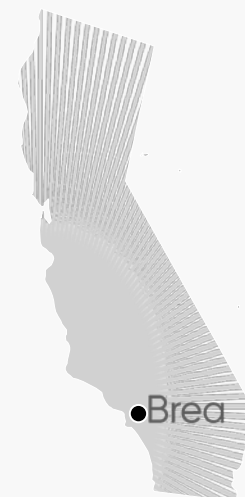
**Owner and operator:**  
EDL

**Location:**  
Brea, California, USA

**Primary fuel:**  
Landfill gas

**Acquired:**  
October, 2019

**Installed generation capacity:**  
32.2MW



Brea LFG Plant