



# Lucas Heights Power Station

Landfill gas sector leader EDL owns and operates the 19.3MW Lucas Heights Power Station, which processes landfill gas (LFG) from the decomposition of organic waste into electricity, reducing greenhouse gas emissions.

## At a glance

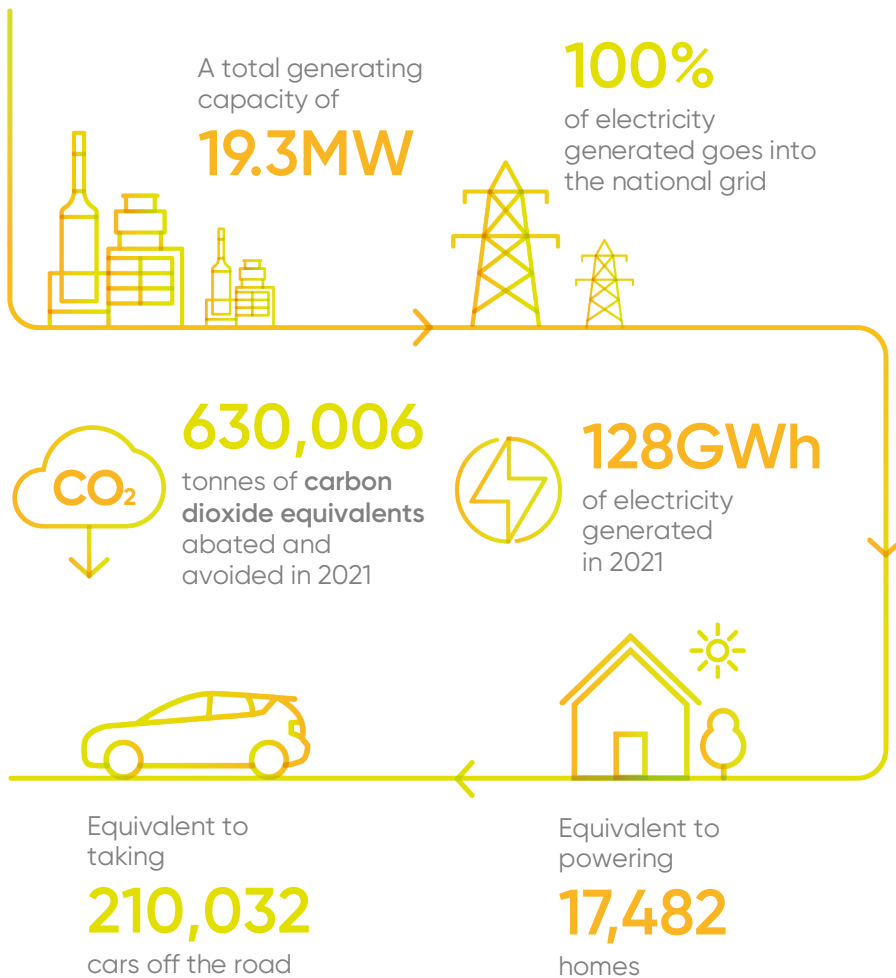
**Power station name:**  
Lucas Heights Power Station

**Owner/operator:**  
EDL

**Location:**  
40km south west of Sydney, New South Wales, Australia

**Primary fuel:**  
Landfill gas

**Start of operation:**  
1998



## About the LFG station

EDL is a global leader in the operation of landfill gas (LFG) powered stations across Australia, Europe and North America.

In Australia, EDL has led the landfill gas sector, pioneering technology at Lucas Heights for decades.

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



Lucas Heights Power Station

The Lucas Heights Power Station has been providing clean energy for the region for more than 20 years.



Lucas Heights landfill gas collection station

EDL owns and operates a global portfolio of power stations in Australia, North America and Europe.

We are committed to energy diversity and providing innovative, sustainable solutions to meet and exceed customer needs.



Renewables



LNG/CNG



Waste coal mine gas



Landfill gas



Remote energy



Renewable natural gas

A world of  
new energy

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