



Broome Power Station

Broome Power Station was commissioned as part of the West Kimberly Power Project (WKPP), which includes Derby, Halls Creek, Fitzroy Crossing and Looma Power Stations. The power station also acts as a hub for the Broome liquefied natural gas storage facility and the 12.2km Gas PL72 Pipeline, and the five power stations EDL operates for remote Aboriginal communities in the region.

About the Broome Power Station

Commissioned in 2008, the Broome Power Station took over from Horizon Power's original station after 30 years of generation to provide the community not only with a 25% reduction in greenhouse gases, but to meet the energy needs of the growing population.

The power station has 17 Caterpillar gas generators and nine backup diesel generators installed, creating an operating capacity of 43.2MW.

Broome fuel storage facility

The Broome fuel storage facility is used to store LNG supplied via triple road trains from the WKPP's Maitland LNG Plant, located 13km south west of Karratha. This facility stores and vaporises LNG for the Broome Power Station, which is connected via a 12.2 km high pressure MDPE pipeline.



Broome Power Station at sunset, viewed from top of diesel storage tank

At a glance

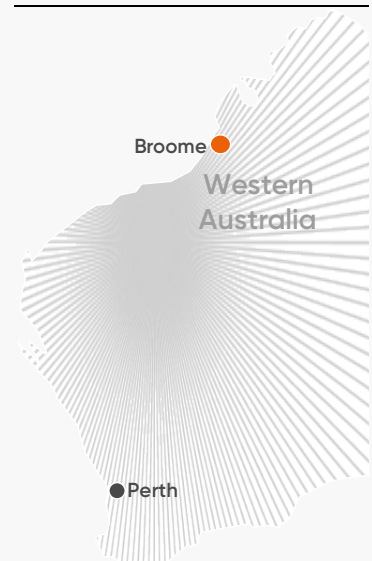
Project name:
Broome Power Station

Customer:
Horizon Power

Locations:
Approximately 2300km north of Perth, WA, Australia

Primary fuel:
Liquefied natural gas (LNG)

Fully operational:
June 2008

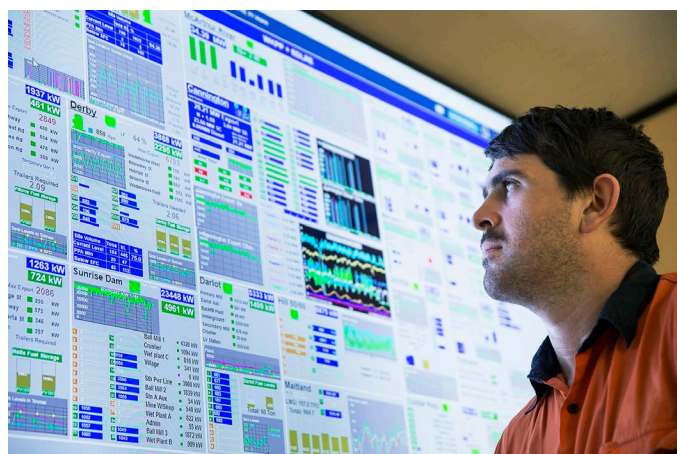




CAT3520C gas engines at Broome Power Station



Row of supporting transformers



Control screen monitoring station operations

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

EDL is committed to energy diversity and providing innovative, sustainable solutions to meet and exceed customer needs – smart, tailored solutions for our evolving world.



Renewables



LNG / CNG



Waste Coal Mine Gas



Landfill Gas



Remote Energy

A world of new energy

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