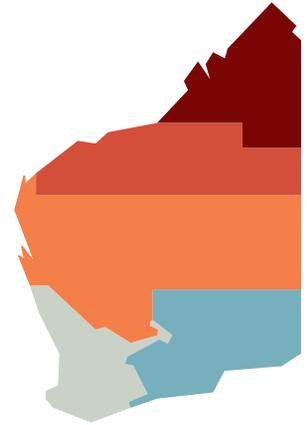


Renew the regions

Denham Hydrogen Demonstration Plant



Horizon Power is delivering your energy future...

In Denham, Horizon Power is helping lead Western Australia's energy transition by building Australia's first remote microgrid renewable hydrogen demonstration plant.

The Australian Renewable Energy Agency (ARENA) and the Government of Western Australia have announced funding commitments, supporting Horizon Power to bring the exciting project to Denham.

In anticipation of the technology becoming cost competitive in the future, the construction of this first-of-its-kind demonstration plant will test the technical capability of hydrogen as a dispatchable power source.

*Owned by the
people of WA*

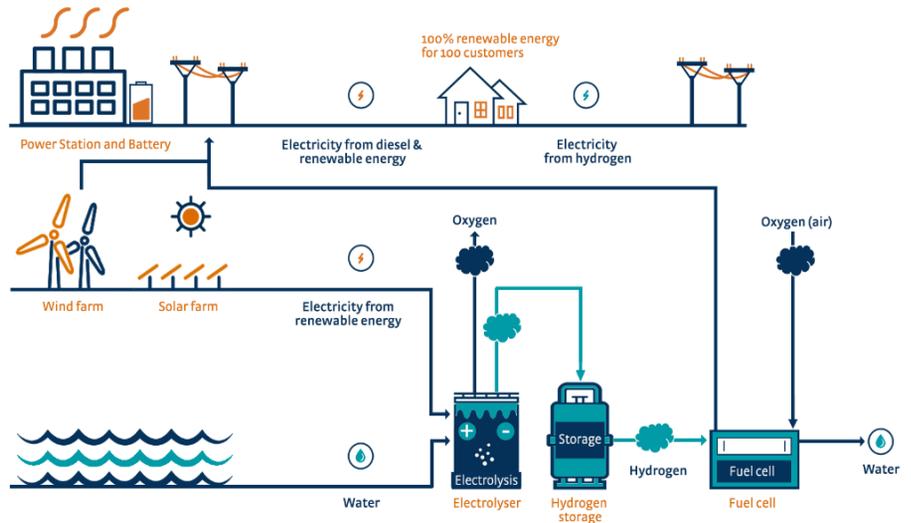
HORIZON
POWER

Project overview

The power supply for the hydrogen plant will be from a dedicated solar farm. The plant is expected to generate 526 MWh per year, which is equivalent to the energy required to power up to 100 residential houses in Denham.

The Denham Hydrogen Demonstration Plant will include:

- Dedicated solar generation - 704kW
- Electrolyser - 348kW
- Hydrogen compression and storage
- Fuel cell - 100kW
- Connection into the Denham Hybrid Power System



Benefits to your community

- Opportunities for local business and service providers
- Denham will be at the forefront of developing the technical capability in hydrogen, which could be deployed across other remote microgrids in the future
- The overall percentage of Denham's electricity generated from renewables will increase

Project funding

The project is being funded through contributions from:

- ARENA (\$2.6m)
- WA Recovery Plan (\$4.7m)
- WA Hydrogen Fund (\$1m)
- Horizon Power (\$0.8m)

Contact Us

Please contact your local Horizon Power Gascoyne Mid West Regional Office

- **Address:** Corner Robinson Street and Iles Road, Carnarvon, Western Australia 6701
- **Phone:** (08) 9941 6299
- **Email:** carnarvon@horizonpower.com.au

Key dates

Horizon Power will be back in 2021 to talk to the community of Denham in more detail about the next stages of the project

When and where

Thursday, 25 February 2021

Shark Bay Bowling, Sport and Recreation Club

5 pm - 7 pm

RSVP: by Thursday, 18 February 2021 to the Gascoyne Mid West Regional Office

Project dates

Construction commences August 2021

Commissioning December 2021

Visit renewtheregions.com.au or wa.gov.au/government/wa-recovery