

Regional Connect Update – Lancelin

About Regional Connect

We're working to improve power reliability for regional communities supplied by long feeder lines.

Through Regional Connect, we've engaged with regional communities to understand lived experience and priorities, and to plan practical upgrades that reduce the duration of unplanned outages.

Solutions vary by place and are designed to suit the needs of the region.



Lancelin project update

In 2024/25 we delivered a package of upgrades to the feeder that supplies Lancelin. This included new protection devices and switches to improve fault detection, isolation and flexibility.

In December 2024 we installed a High Voltage Injection Unit (HVIU) – a set of generators that connects into the local network like a temporary substation. During an extended outage, it can keep power on for a large part of the town while crews repair the fault. Around 1,100 homes and businesses can be supplied when the HVIU is operating.

As part of the project's trial phase and since commissioning, the HVIU has provided nearly 100 hours of electricity during outages. One example is a where during a three-day power outage, electricity was maintained by the HVIU.

Outages due to faults can still occur, but these network improvements help reduce how long they affect the community.

Questions? Give us a call on 13 10 87

Regional Connect – Lancelin

Find out more by visiting the **Lancelin Regional Connect webpage** – simply search 'Regional Connect Lancelin' or scan the QR code.

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September – October 2025

Timeline

February 2024	March 2024	May 2024	May–August 2024	June 2024	July 2024	November 2024 – June 2025	December 2024
Regional Connect program commences	Options analysis	Project scoping	Community engagement	Project planning	Detailed design	Project delivery	HVIU activated

How the HVIU supports the town during a long outage

1. Fault occurs
2. Crews first attempt to locate and fix the fault
3. If unsuccessful, HVIU switches on
4. HVIU supplies Lancelin's power
5. Line repairs are made
6. Normal supply resumes



Community engagement: what we heard

- **Strong support for the proposed works**
- **Outages affect communications, amenity, safety and income**
- **Priorities include reliability, affordability, sustainability and local economic activity**

How your feedback is being used

- Determining the final HVIU location
- Informing our ongoing regional reliability program
- Helping set priorities for our next five-year proposal (Access Arrangement 6: 1 July 2027–30 June 2032)
- Improving our customer experience
- Planning inputs to Clean Energy Link – North

Western Power

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Regional Connect online

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