

Uungula Wind Farm Transmission Connection Project

August 2025



The Uungula Wind Farm Connection project will connect Uungula into the National Electricity Market.

To do this we will construct:

- 330/33kV substation
- 11.6km 330kV single circuit transmission line linking the substation to the switching station
- 330kV switching station
- An overhead cut-in connection from the switching station to the existing TL79, including installation of new greenfield tower mid span and tower structure strengthening works.
- 18km of UGFO from Uungula Switching Station to Wellington West 330kV Substation

Uungula UGS & Transmission Line – Progress Photos



Switching Station UGS

- Civil works underway
- Foundation pad construction close to completion



Tower 5

- Transmission Tower 5 erected
- Awaiting Stringing works

Project activity

Please note...this timeline is subject to change

Local Business Engagement

- Micky D's Cleaning
- Coates Dubbo (and their subcontractors)
- Strait Up Cranes
- A1 Earthworks/ Maas Group
- Local Vehicle services of vehicles
- Hot Engineering
- KB Concrete
- DeWitt Surveying
- Plumbing packages to let with local plumbers.

Timing

- **May 2025:** Commencement of Transmission Line works.
- **August 2025:** Foundations and civil works at Switching Station (UGS).
- **December 2026:** Practical Completion.

Traffic – next 3 months

- 15-20 light vehicles daily
- 10-15 heavy vehicle movements daily

Upcoming works

- **August 2025:** Remaining Transmission Line tower installations (Towers 1-4).
- **September 2025:** Possession of Site (PoS) for Substation.
- **February 2026:** Transformer Deliveries to site.

The organisations delivering the Uungula Wind Farm connection

The project is being delivered by a partnership between four organisations.

- **Squadron** has contracted **Lumea** to build, operate and maintain the substation, switching station, and transmission lines.
- **Lumea** has engaged **Transgrid** as their delivery partner to manage compliance with planning approvals during construction and commissioning of the project. Both Lumea and Transgrid are members of the Transgrid Group.
- **Transgrid** have engaged **Downer** to undertake the construction work required.
- Once construction has been completed and the substation, switching station and transmission lines are commissioned, **Lumea** will operate and maintain them.

Lumea 

Customer



Transmission
Line Operator



Delivery
Partner



Construction
Partner

