EnergyConnect

Community Notification

May 2025

Elecnor Australia (formerly SecureEnergy) has been contracted by Transgrid to deliver part of EnergyConnect with the construction of 700km of new power lines from the SA border to the regional energy hub of Wagga Wagga. The project will connect the electrical grids of New South Wales, South Australia, and Victoria, improving reliability of our nation's energy supply.

About the work

The project team are continuing to advance construction activities on the Eastern section of the alignment between Buronga, NSW and Dinawan near Bundure. This line consists of 800 towers. Assembly and erection of towers continues along the alignment in addition to line stringing activities to the east and west of Balranald.

Overhead transmission line construction activities

The scope of overhead transmission line construction activities between Buronga and Dinawan includes:

- Foundation works
- Foundation concrete pours
- Assembly and Erection of towers
- Stringing of conductors.

Works outside approved construction hours

The approved hours of construction works are:

- 7am to 6pm Monday to Friday
- 8am to 1pm Saturdays
- At no time on Sundays and NSW Public Holidays.

Works outside standard construction hours are planned until December 2025, to ensure these activities are carried out safely and to minimise disruption to the community.

In areas that require tower foundation works and concrete pours, activities will take place weather permitting Monday to Sunday at 4.30am to 7pm. All other works including stringing will take place weather permitting no earlier than 7am to 7pm Monday to Sunday (Including Public Holidays).

How could this affect you?

Generally, tower assembly and erection activities have been identified as having an inaudible noise risk due to the distance of sensitive receivers from the proposed work locations. However, where sensitive receivers are identified such as landholders from the proposed works, standard hours of work will apply. Landholders should also be aware there may be low hanging draw wire on the easement before stringing occurs. Please use caution around any wires.

There will be an increased number of construction vehicles, plant and machinery operating in the area of the works and travelling to and from these sites. Temporary traffic changes may be in place to ensure work zones are safe. Road users should factor this in when planning their journeys and allow for delays.

Types of equipment

You can expect to see heavy and light vehicles for delivery of materials, piling rigs, concrete agitators during foundation work and crane trucks for tower assembly. For stringing works you will see steel cables, draw wire, conductor wire, insulators, elevated work platforms, rough terrain cranes, telehandlers, trucks and light vehicles.

All work will be carried out in line with the project's Conditions of Approval and Construction Environmental Plan.

How we are managing impacts

Traffic management

There will be traffic control in place at the affected locations while works are being carried out to ensure the safety of motorists and construction crews.

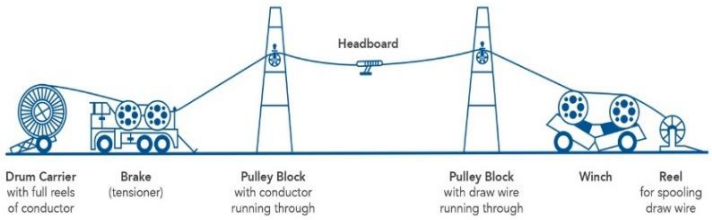
Please keep to the sign posted speed limits, follow the direction of traffic controllers, and drive to the conditions.

Site light, noise and vibration

Machinery and equipment may generate dust, noise and vibration. These Impacts will be managed by:

- Minimising the number of machines/vehicles to be used where possible
- Ensuring all machinery and vehicles are maintained and serviced
- Turning off machinery and vehicles when not in use
- Fitting equipment with devices to minimise noise
- Using water carts, stabilising stockpiles and reducing speed on unsealed roads to suppress dust
- Monitoring dust, noise and vibration to manage any potential impacts and change our work if required.

Stringing the transmission line



Note: Schematic illustration only. The location of the brake and winch components could be up to around 10km apart.

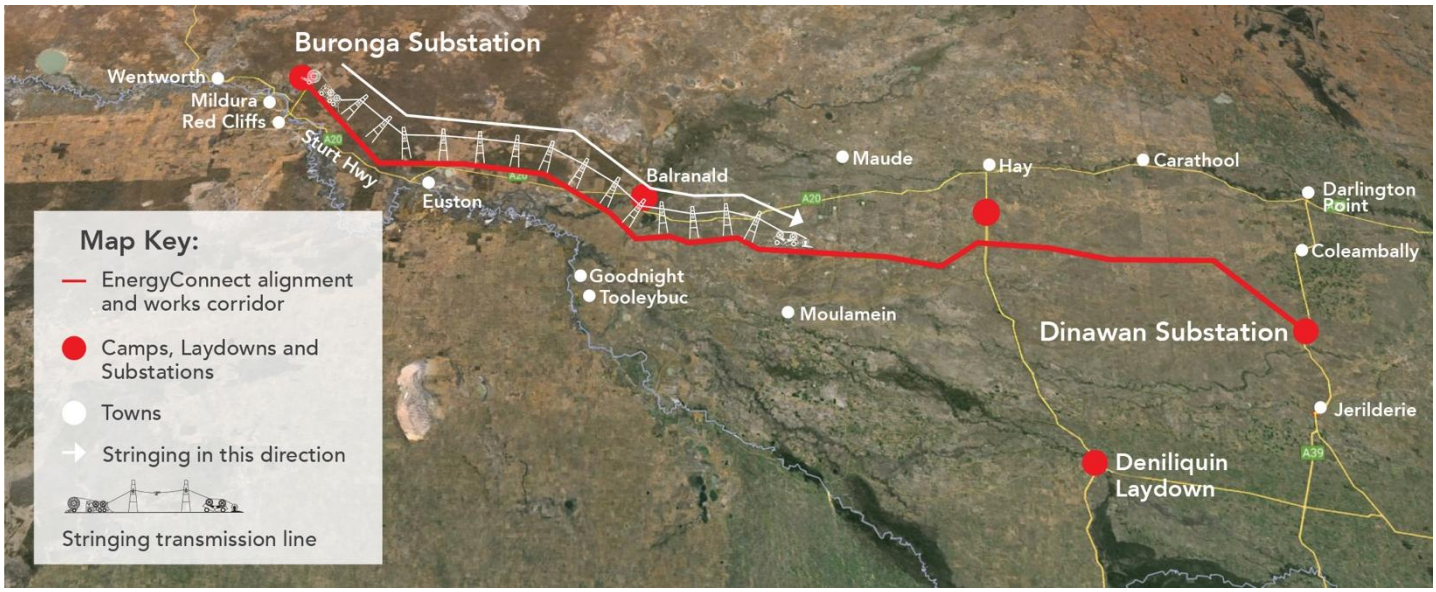
- Once the tower structure is in place, insulators are installed, and pulley blocks are put in so the wires can be pulled into place.
- Lines are strung in sections of several kilometres, with conductor spooled out from drums between a powerful winch (puller) and a braking unit (tensioner).
- Pulleys are fixed to the tower at each location where the conductor will be attached
- A draw wire is pulled through to help feed the new conductor into the pulleys along the stringing section
- The conductor is pulled out under tension through the pulleys along the alignment
- The conductor is attached to the tower and adjusted to give the required sag (correct ground clearance) before being clamped into position (clipping in)
- Equipment is then repositioned, and the process is repeated for the next stringing section.

Contact Us

Please contact us if you have any questions about the stringing works or any questions about the project. We can be contacted via:

Project Community and Stakeholder Engagement Team:

1800 49 06 66 (free call) or email pec.community@elecnor.es



**Indicative stringing works in this area until May 2025. However, schedules can change due to unforeseen circumstances.*

Keep Updated on EnergyConnect

Elecnor Australia is committed to working with landowners and communities through the construction of EnergyConnect.

There are several ways to contact the project team. Contact the Project Community and Stakeholder Engagement Team on:

1800 49 06 66 (free call) or pec.community@elecnor.es
secureenergyjv.com.au/projects/energyconnect
Write to us at: Elecnor Australia 1/22 Edward Street, Wagga Wagga NSW 2650

Subscribe to our project e-newsletter at www.transgrid.com.au/energyconnect
To provide any feedback on the way we engage please tell us at www.secureenergyjv.com.au/tell-us-what-you-think/