

# Project EnergyConnect

December 2023

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.

## Work outside approved construction hours

Construction activities are progressing on the Western section of EnergyConnect including the extension of the Buronga substation on Arumpo Road near Transgrid's existing substation. Once completed, it will be one of the world's largest and most complex substations.

These works will occur at the same time as foundation, tower assembly, and erection activities on the overhead transmission lines (OHTL) across multiple sites between the South Australian border and Buronga, NSW and between Buronga and Red Cliffs, Victoria.

The approved hours of construction are:

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

To carry out this work safely and minimise disruption to the community, **we are planning to work outside approved construction hours from December 2023 to 1 June 2024.**

Details of the activities and expected working hours are outlined in the table on the following page. The timing and type of work may change due to weather or other unforeseen circumstances.

## Map of out of hours work areas – December 2023 to June 2024



## Summary of out of hours work activities

Location	Description of activities	When will this take place?	Outside of approved construction hours	Impact
<b>Buronga Substation, Arumpo Road</b>	<b>Construction activities including:</b> Formwork and reinforcing steel installation Cable pulling Cable terminating into equipment	Daily as required  (December 2023 to 30 March 2024)	Monday to Sunday including Public Holidays 24hr hour operation	Light Noise Traffic
<b>South Australian Border to Buronga, NSW</b>	<b>Overhead Transmission Lines construction activities along the easement:</b> Clearing and grubbing Tree trimming Herbicide spraying Construction of access tracks and access points Tower foundation preparation works Tower foundations and concrete pours Tower assembly & erection Stringing works (within standard construction hours) Logistics support	Daily as required  (December 2023 to early June 2024)	Monday to Sunday  From 5am to 9pm  From 6pm to 9pm (concrete finishing only)	Light Noise Traffic
<b>Buronga, NSW to Red Cliffs, Victoria</b>	<b>Overhead Transmission Lines construction activities along the easement:</b> Clearing and grubbing Tree trimming Herbicide spraying Construction of access tracks and access points Tower foundation preparation works Tower foundations and concrete pours Tower assembly & erection Stringing works (within standard construction hours) Logistics support	Daily as required  (December 2023 to early June 2024)	Monday to Sunday  From 5am to 9pm  From 6pm to 9pm (concrete finishing only)	Light Noise Traffic

\*Subject to change

## Machinery and equipment

The type of machinery and equipment you can expect to see at the Buronga substation includes generators, light vehicles, a 22-seater bus, telehandler, small hand tools and solar powered lights.

The type of machinery and equipment on the OHTL includes excavators, service trucks, light vehicles, chainsaws, herbicide spray truck, generators, graders, tipper and water trucks, bobcats, semi-trailers, piling rigs, telehandler, concrete trucks, cranes, lighting towers and prime movers.

## How we're managing impacts

### Dust

Our work is likely to generate some dust. To reduce the impact for nearby residents and motorists, we'll be providing continuous dust suppression, where practical, during our construction activities in line with our environmental approvals.

### Traffic

There will be an increased number of construction vehicles on the road across the project area during our work. Temporary traffic changes may be in place to ensure the work zone is safe. Please keep to the sign posted speed limits, follow the direction of traffic controllers, and drive to the conditions such as slowing down in wet weather and poor visibility.

### Light, Noise and Vibration

The machinery and equipment will generate some light, noise and vibration. We will make every effort to minimise these impacts by:

- Minimising the number of machines/vehicles to be used.
- Ensuring all machinery and vehicles are maintained and serviced.
- Turning off machinery and vehicles when not in use.
- Directing any temporary lighting down and away from homes.
- Fitting equipment with devices to minimise noise.
- Monitoring noise so we can manage any potential impacts and change our work as required.

## Keeping you informed

Thank you for your patience during our construction activities. For regular project updates please provide your details using the email address below.

We're here to help and answer any questions about our work. You can reach us by phone 1800 49 06 66 or by email at [pec.community@elecnor.es](mailto:pec.community@elecnor.es). For further information about the project visit [www.transgrid.com.au/energyconnect](http://www.transgrid.com.au/energyconnect) or access our fact sheets using the QR codes.



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Factsheet  
Construction



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