

Project EnergyConnect

July 2023

About Us

SecureEnergy led by Elecnor Australia, 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 and is expected to be completed by 2025.

Construction activities to commence

As part of the EnergyConnect project, we will be commencing our first construction activities on the Eastern section of the project including construction of access points and clearing and grubbing activities, on multiple sites from Wagga Wagga to Buronga, weather permitting from July 2023.

The hours of operation will be:

- 7am to 6pm Monday to Friday
- 8am to 1pm (Saturday)

Upcoming work

Access Points

SecureEnergy's crews and our subcontractors will be establishing vehicle access and egress points for safe vehicle entry and exit from roads to facilitate construction of the transmission line and Dinawan and Cobb Highway camps. Traffic management will also be in place affecting some local, regional and state roads.

These first activities will be staged to allow unimpeded and continuous access to the construction corridor for the construction crews and the delivery of construction related materials for the construction of the transmission towers and substations.

Substations

We are expanding and upgrading the existing Buronga substation into a world class facility with some of the most sophisticated electrical equipment in the Southern Hemisphere. Work is scheduled to begin shortly on a new substation known as Dinawan, located between Jerilderie and Coleambally and work is also scheduled to occur on the expansion of the existing Wagga Wagga substation.

A summary of the construction activities planned between Wagga Wagga to Buronga, weather permitting is outlined below:

Table 1: Summary of planned construction activities

Location and Activity	Description	Scheduled to commence*
Buronga to Dinawan Vegetation clearing Access points and Access tracks	Clearing and Grubbing, removal of any vegetation necessary along the construction corridor. Construction of Access Points establishing vehicle access and egress points for safe vehicle entry and exit from roads to facilitate construction of the transmission line and Cobb Highway camp.	From July to September 2023
Buronga to Dinawan - Overhead Transmission Line Construction. Tower foundation excavation.	Transmission tower foundation activities, including set up of foundations with reinforcing steel cages and pouring of concrete tower footings.	August to November 2023
Buronga to Dinawan Tower assembly and erection.	Tower steel material arrives to site with assembly at ground level prior to lifting each stage of the tower into position and fastening. Crews assemble towers in location.	October 2023 to March 2024
Dinawan to Wagga Wagga Access points and Access tracks	Construction of Access Points establishing vehicle access and egress points for safe vehicle entry and exit from roads to facilitate construction of the transmission line and Dinawan camp.	From July to October 2023
Dinawan to Wagga Wagga Vegetation clearing	Clearing and Grubbing, removal of any vegetation necessary along the construction corridor. Including minor road works.	July to September 2023
Dinawan to Wagga Wagga - Overhead Transmission Line Construction. Tower foundation excavation.	Transmission tower foundation activities such as setting up foundations with reinforcing steel cages and concrete pour for tower footings.	August 2023 to May 2024
Dinawan to Wagga Wagga Tower assembly and erection activities.	Tower steel arrives to site with assembly at ground level prior to lifting each stage of the tower into position and fastening. Crews assemble towers in location.	November 2023 to October 2024

*Subject to change

Plant and equipment

The type of plant and equipment you can expect to see at various stages of the construction are graders, rollers, mulchers, excavators, concrete trucks, tractors, and mobile cranes. All construction activities will be carried out in accordance with SecureEnergy Management Plans which can be found at <https://www.transgrid.com.au/projects-innovation/energyconnect>

How we're managing impacts

Dust

To reduce the impact for residents and motorists, SecureEnergy will provide continuous dust suppression during the construction activities in accordance with our environmental approvals.

Traffic

Please use care sharing roads with construction vehicles as they have high axle loads and greater turning circles. Motorists are advised to stay under the speed limit and drive to the conditions, such as slowing down in wet weather and poor visibility.

Light, Noise and Vibration

The Project Team will use machinery that generates noise, light, and vibration. To manage this work, we will:

- Minimise the number of plant/vehicles to be used.
- All plant/vehicles to be maintained and serviced.
- Machinery will be turned off when not in use.
- All works will be undertaken during dayshift hours however if lighting is required, direct temporary lighting down and away from residents.
- Fit equipment with devices to minimise noise.
- Monitor noise so we can manage any potential impacts and adjust our work as required.

Keeping you informed

We thank you for your patience and understanding during these construction activities.

Please feel free to contact us by phone 1800 49 06 66 or email community@secureenergyjv.com.au or logon to www.transgrid.com.au/energyconnect for further information about the project.



Map showing EnergyConnect alignment.

