

EnergyConnect Factsheet

Construction



Building a Brighter Future

Building Australia's largest transmission line project involves three phases which include:

- Early Works
- Enabling Works
- Main Construction

Early Works

Before main work activities can commence on EnergyConnect, several early works need to take place to gain a greater understanding of the site conditions along the alignment and associated substation locations. These activities have been taking place between Buronga and the South Australia border and will continue from Buronga to Wagga Wagga. Activities include:

- **Dilapidation and Survey Works** – to gather information for the detailed design stage of the project and to set out the environmental and cultural heritage boundaries.
- **Environment Monitoring and Assessment** – to provide baseline data prior to construction activities taking place. The information will be used to monitor and mitigate any environmental disturbance during construction activities.
- **Geotechnical Investigations** – to gain an understanding of the underground geological conditions and to inform the detailed design of the project.



Establishing the road access point at the Lockhart Camp

There are 1,500 towers on EnergyConnect and they are made up of a total of 39,000 tonnes of steel.

Enabling Works

Next comes low-impact, preconstruction activities that enables the main construction activities to commence.

Activities include:

- Biodiversity and further heritage investigations.
- Clearing vegetation within the disturbance area (including scrub, undergrowth and ground vegetation) and topsoils.
- Connecting services and relocating utilities including offices, amenities, internal roads; installing temporary fencing, signage, and security measures.
- Establishing access tracks including vehicle access and egress points including adjustment of roads to ensure safe vehicle movements.
- Workers camps being established.



Improving road access points to main construction activities and water sources

Main Construction

Following the enabling works stage, main construction activities can commence. Main construction is anticipated to take around 18 months to complete.

Activities include:

- Assembly and erection of transmission towers.
- Upgrade and expansion of the Buronga 330kV substation and associated works.
- Replace the existing 220kV single circuit transmission line between the new Buronga Substation and the existing Red Cliffs Substation in Victoria.
- Construction of a new substation at Dinawan 330kV (near Coleambally) and associated works.
- Upgrade and expansion of the existing Wagga Wagga 500 kV substation.

Project Timeline



SOUTH AUSTRALIAN BORDER TO BURONGA



BURONGA TO WAGGA WAGGA



Standard Work hours

Typically work will be carried out during the project's approved construction hours, which are:

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

Out of Hours Work

We expect there will be some work outside approved construction hours. These extended working hours are reviewed and approved under the standard out-of-hours works approval process which is located at:

<https://www.transgrid.com.au/media/dk5eyxna/pecw-stage-2-noise-and-vibration-cemp-sub-plan-rev-h.pdf>

The Project Team will mitigate any construction impacts where possible and monitor noise.

Keep Updated on EnergyConnect

There are several ways to contact the project team.

Contact the Elecnor Australia Community and Stakeholder Engagement Team on:

☎ 1800 49 06 66 (free call)

✉ pec.community@elecnor.es

If you are a landholder impacted by the project, you can contact your assigned Land and Property Access Officer directly.

Log on to www.transgrid.com.au/energyconnect to subscribe to the e-newsletter.

For more information about the project go to www.secureenergyjv.com.au/projects/energyconnect