

Project Overview



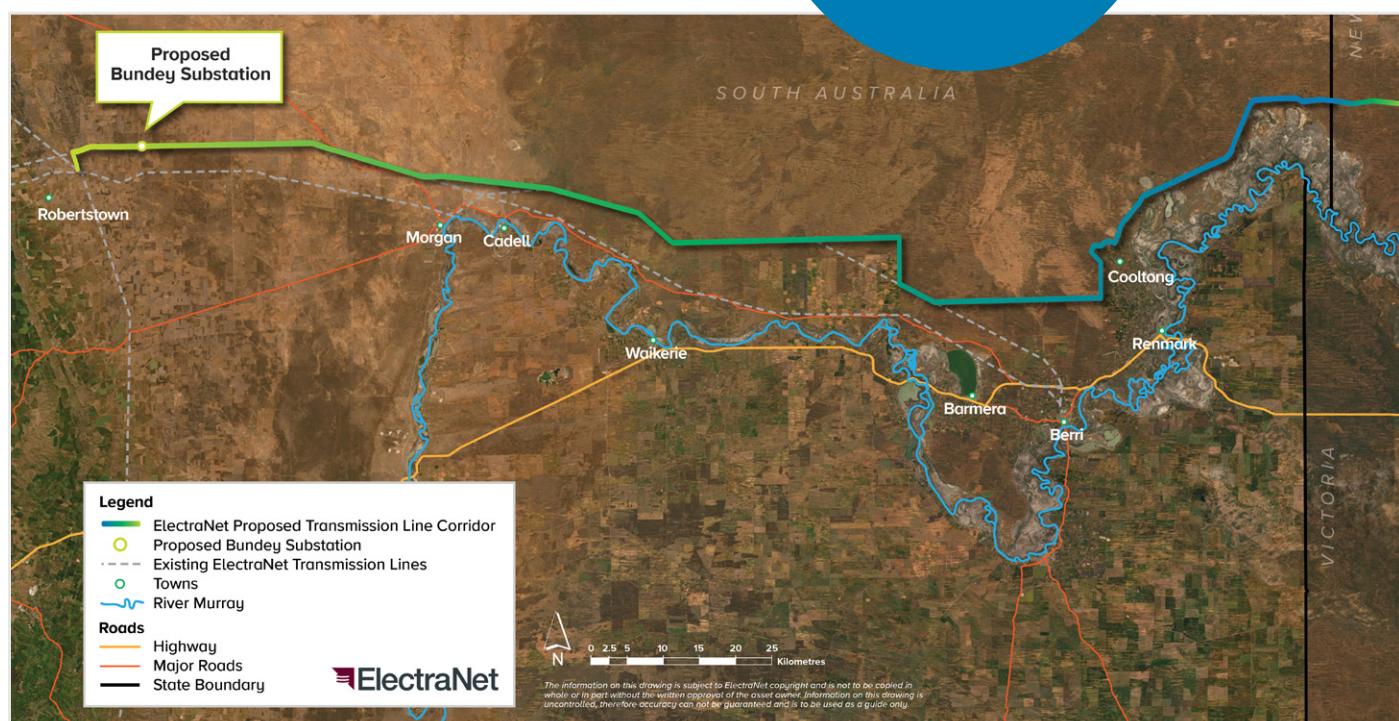
What is Project EnergyConnect?

Project EnergyConnect is a landmark infrastructure project, which will deliver the first new electricity interconnector between Australian states in 15 years. An electricity interconnector is a connection that allows power to flow between regions in the National Electricity Market (NEM), providing access to a larger number of electricity generators. Interconnectors are common around the world, including here in Australia.

Project EnergyConnect will involve the construction of an ~ 900 km above ground transmission line, with ~ 800MW transfer capacity. Project EnergyConnect will connect South Australia (SA) and New South Wales (NSW), with an added connection to north west Victoria.

Project EnergyConnect is being delivered jointly by ElectraNet (SA) and TransGrid (NSW).

Enabling the transition of Australia's energy network to a greater mix of renewables.



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Why is Project EnergyConnect Needed?

The Australian energy landscape is changing, as we transition away from traditional fossil fuel-based electricity generation to a greater mix of renewable energy sources. The main drivers of this change include:

- Closure of traditional coal-fired power plants in SA and further planned closures of ageing coal-fired power plants interstate
- Reduced cost and increasing penetration of renewable energy generation (wind and solar) and uptake of rooftop photovoltaic systems in SA
- Government commitments to reduce carbon emissions
- Demand for more reliable and affordable electricity.

To support this transition, new investment into transmission infrastructure that supports the connection of renewable energy generators and transports energy to consumers is required.

What are the Project Benefits for South Australia?

Project EnergyConnect will deliver a range of direct benefits for consumers in SA, NSW and Victoria. In SA these will include:

Lower power prices

- Typical residential electricity bills are estimated to be reduced annually by \$100 in SA.

Improved energy security

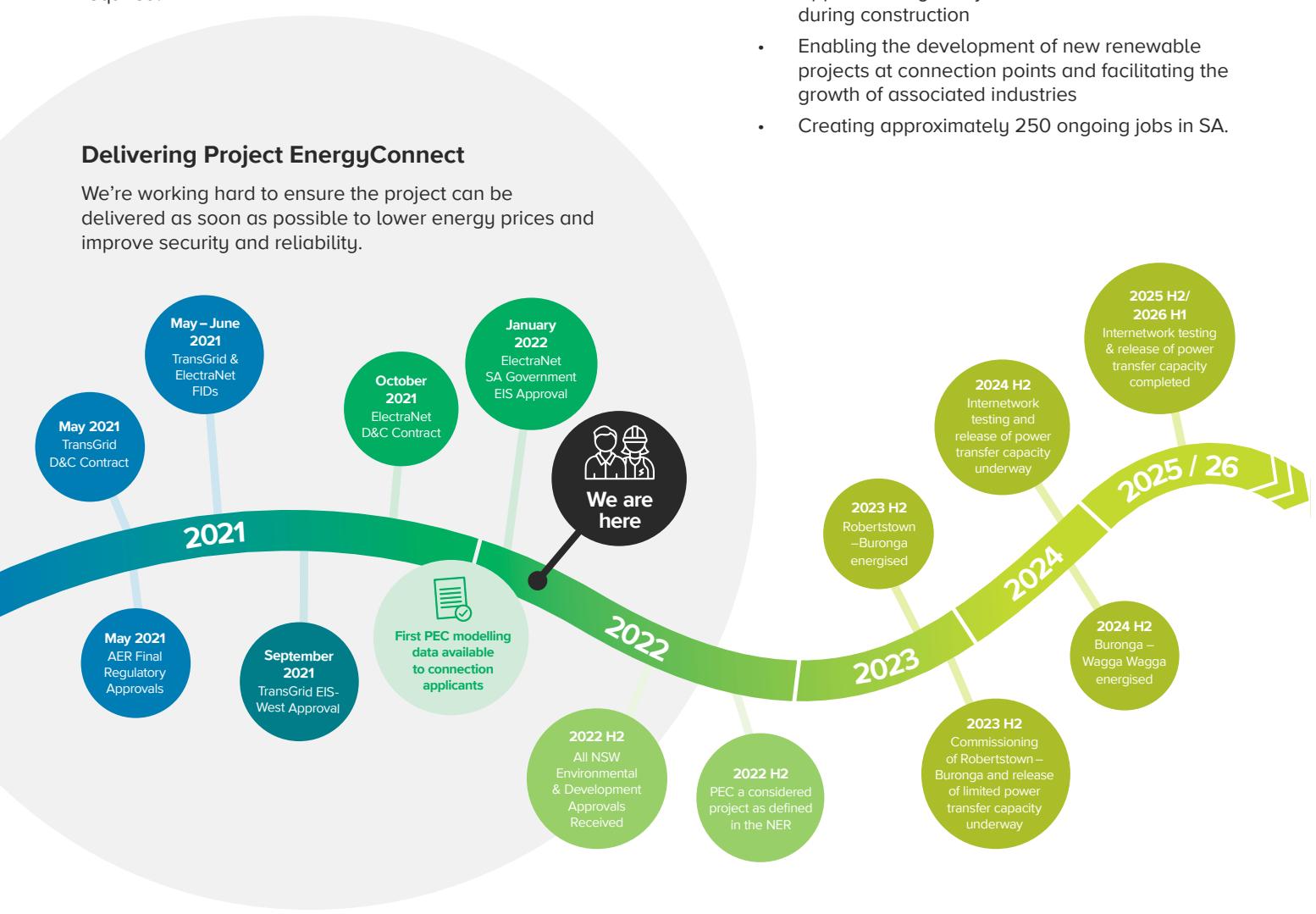
- Enabling a greater mix of renewable energy generators to connect into the network
- Increasing reliability and confidence in electricity supply.

Increased economic activity

- Approximately 200 jobs will be created in SA during construction
- Enabling the development of new renewable projects at connection points and facilitating the growth of associated industries
- Creating approximately 250 ongoing jobs in SA.

Delivering Project EnergyConnect

We're working hard to ensure the project can be delivered as soon as possible to lower energy prices and improve security and reliability.



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Community Engagement

Extensive specialist studies and stakeholder consultation has occurred to select an appropriate route and assess potential environmental and social impacts. Landowners, Commonwealth and state government, local councils, community members, and interest groups have been instrumental in providing insights in selecting the route and assessing potential impacts.

Engagement with stakeholders will continue throughout the life of the Project.

Stay connected

You can view the EIS, be kept up to date with Project information and provide feedback by visiting the online engagement room on our website or by contacting the Project team.

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Further detail on the potential impacts and proposed mitigation measures are contained in the Environmental Impact Statement (EIS).