



Australian Government

Australian Industry
Participation Authority

Australian Jobs Act 2013

AIP Plan reference code:

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: The Trustee for the NSW Electricity Networks Operations Trust

Project details

Name: EnergyConnect

Location: New South Wales, South Australia and Victoria

Type: Electricity facility

Purpose: Establish new facility

Capital expenditure: \$500 million or more

Description: Transgrid proposes to develop EnergyConnect, a high voltage electricity interconnector between the networks of South Australia, New South Wales and Victoria that will increase transmission capacity by up to 800 MVA. This AIP plan relates to Transgrid's portion of the interconnector and excludes approximately 180km transmission line in SA which will be delivered by ElectraNet. The key features of EnergyConnect are: Western section Construction of new high voltage transmission lines and associated infrastructure between the SA/NSW border near Chowilla and the existing Buronga substation Upgrade to the existing transmission line between the Buronga substation and the NSW/Victoria border at Monak, near Red Cliffs Expansion and upgrade of the existing Buronga substation from an operating capacity of 220 kV to 330 kV Rebuild of the existing transmission line between the NSW/Victoria border to the Red Cliffs substation in Victoria, with upgrade to the existing Red Cliffs substation. Establishment and upgrade of access tracks and roads, as required and other ancillary works required to facilitate construction Eastern section Construction of new high voltage transmission line and associated infrastructure between the existing Buronga substation and Wagga Wagga Substation works including construction of a new substation at an approximate midway location between Buronga and Wagga Wagga and upgrades to the existing Wagga Wagga 330 kV substation Establishment and upgrade of access tracks and roads, as required. Other ancillary works required to facilitate construction Timelines Contingent Project Approval from Australian Energy Regulator Dec 2020 EIS-Western on public exhibition Nov 2020 EIS-Eastern on public exhibition Jan 2022 EIS-Western planning approvals - NSW & Cth Jun 2021 Construction start West Q1 2022 EIS-Eastern planning approvals - NSW & Cth Nov 2022 Construction start East late 2023 Completion Western section early 2025 Completion Eastern section late 2026

Completion date: 31 Dec 2026

Key goods and services

Indicative list of key goods and services to be acquired for the project:

Key goods and services	Opportunities for Australian entities*	Opportunities for non-Australian entities	Explanation for no opportunities for Australian entities
Stunt capacitor banks	Yes	Yes	
Conductor/OPGW/GW Supply	Yes	Yes	

Fuel and oil supply - diesel, petrol lubricants	Yes	No	Supply of suitable insulators (identified as 'insulator supply' in the goods and services table) required for high voltage transmission are not currently manufactured by Australian entities.
Insulator supply	No	Yes	
Line hardware supply	Yes	Yes	
Minor substation equipment	Yes	Yes	Large specialist equipment (LSE) required for substations are complex and are designed and built to order. LSE include the following items: Synchronous Condensers, Phase Shift Transformers, Power Transformers, Shunt Capacitor Banks and Shunt Reactors. While all of the above listed are LSE, only Synchronous Condensers and Phase Shift Transformers are identified items where Australian entities do not have the capability to produce the LSE. This means that they will need to be manufactured and supplied by a leading international provider.
Phase shifting transformers	No	Yes	
synchronous condensers	No	Yes	
Power transformers	Yes	Yes	Large specialist equipment (LSE) required for substations are complex and are designed and built to order. LSE include the following items: Synchronous Condensers, Phase Shift Transformers, Power Transformers, Shunt Capacitor Banks and Shunt Reactors. While all of the above listed are LSE, only Synchronous Condensers and Phase Shift Transformers are identified items where Australian entities do not have the capability to produce the LSE. This means that they will need to be manufactured and supplied by a leading international provider.
Quarry products	Yes	Yes	
Shunt reactors	Yes	Yes	
Steel supply	Yes	Yes	
Transformers	Yes	Yes	
Accommodation	Yes	Yes	
Catering and food supplies	Yes	No	
Camp facilities	Yes	No	
Civil works	Yes	No	
Clearing works and access track construction	Yes	No	
Cleaning of facilities	Yes	No	
Concrete placement	Yes	Yes	
Cranes	Yes	Yes	
Design and engineering services	Yes	Yes	
Fencing	Yes	Yes	
Haulage	Yes	Yes	
Insurance	Yes	Yes	
Plant and equipment maintenance	Yes	No	
Security services	Yes	No	
Steel fabrication	Yes	Yes	
Steel galvanizing	Yes	Yes	
Traffic management	Yes	No	

Trades and skilled labour	Yes	Yes
Travel domestic/regional	Yes	No
Specialist consulting services - environmental, geotech, noise	Yes	Yes
Vegetation management	Yes	Yes
Specialised waste management	Yes	No

*An Australian entity is an entity with an ABN or ACN

Project standards:

Australian
International

Supplier information and communication

Project proponent's contact person for supplier enquiries:

Contact person name Nicki Medanic
Contact person position Project Controls Manager
Phone number 0436658942
E-mail nicki.medanic@transgrid.com.au

Project proponent website: www.transgrid.com.au

Project opportunities website:

www.icn.org.au

Supplier engagement and communication actions :

Promote project opportunities through industry associations
Conduct supplier information briefings on project opportunities and bid processes
Issue media releases or ASX announcements on project developments and opportunities
Develop and distribute a supplier information guide for the project

Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Provide market intelligence to suppliers
- Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners

Feedback:

The project proponent will ensure that its procurement entities offer, and if requested, provide feedback to Australian entities whose bids to supply key goods or services for the project have not been successful. Feedback will include recommendations about any relevant training, skills capability and capacity development.

Australian Industry Participation Plan Summary - Operations Phase

Nominated facility operator: The Trustee for the NSW Electricity Networks Operations Trust

Facility details

Name: EnergyConnect

Location: New South Wales, South Australia and Victoria

Type: Electricity facility

Key goods and services

Indicative list of key goods and services to be acquired for the new facility:

Key goods and services	Opportunities for Australian entities*	Opportunities for non-Australian entities	Explanation for no opportunities for Australian entities
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*An Australian entity is an entity with an ABN or ACN

Facility standards:

Australian
International

Supplier information and communication

Facility operator's contact person for supplier enquiries:

Contact person name Nicki Medanic
Contact person position Project Controls Manager
Phone number 0436658942
E-mail nicki.medanic@transgrid.com.au

Facility operator website: www.transgrid.com.au

Facility opportunities website:

Supplier engagement and communication actions :

Promote project opportunities through industry associations
Conduct supplier information briefings on project opportunities and bid processes
Issue media releases or ASX announcements on project developments and opportunities
Develop and distribute a supplier information guide for the project

Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Support supplier development initiatives of industry associations or governments

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners

Feedback:

The project proponent will ensure that its procurement entities offer, and if requested, provide feedback to Australian entities whose bids to supply key goods or services for the project have not been successful. Feedback will include recommendations about any relevant training, skills capability and capacity development.