

VICTORIA TO NSW INTERCONNECTOR UPGRADE

Delivering safe, reliable, lowest cost
electricity to customers

FACT SHEET - DECEMBER 2021

This major upgrade to the transmission network will boost interstate power flows.

Why is the project needed?

The Victoria – New South Wales Interconnector Upgrade will allow cheaper generation to be transferred between the two states.

This will help lower the cost of wholesale electricity across the National Electricity Market and put downward pressure on customer bills.

It will also:

- support the development of renewable generation in new energy zones, which are expected to provide the bulk of energy in the future.
- help ensure more reliable supply of electricity to customers at all times, including during periods of peak demand.

Upgrading the interconnector will allow a further 170 MW of power to be transferred into New South Wales and is expected to deliver net benefits of up to \$268 million to electricity customers.

The Australian Energy Market Operator (AEMO) and the NSW Government have both identified the \$45 million Victoria – NSW Interconnector Upgrade as a priority project.

What is the project?

Transgrid will install 'smart wires' power flow controller technology within Yass substation in NSW and our new Stockdill substation in the ACT.

'Smart wires' technology enables the real-time control of electricity flows along power lines. The system detects areas of congestion in the network and automatically redirects flows to less congested lines. It will help unlock spare transmission capacity, enabling more energy to be transferred between Victoria and NSW.

AEMO will undertake complementary upgrades to the transmission network in Victoria.

What are the project benefits?

More affordable power

- Easier and more efficient sharing of generation will help reduce energy bills.

Enhanced reliability

- More interstate power flows will boost reliability and allow new electricity generation to come online.

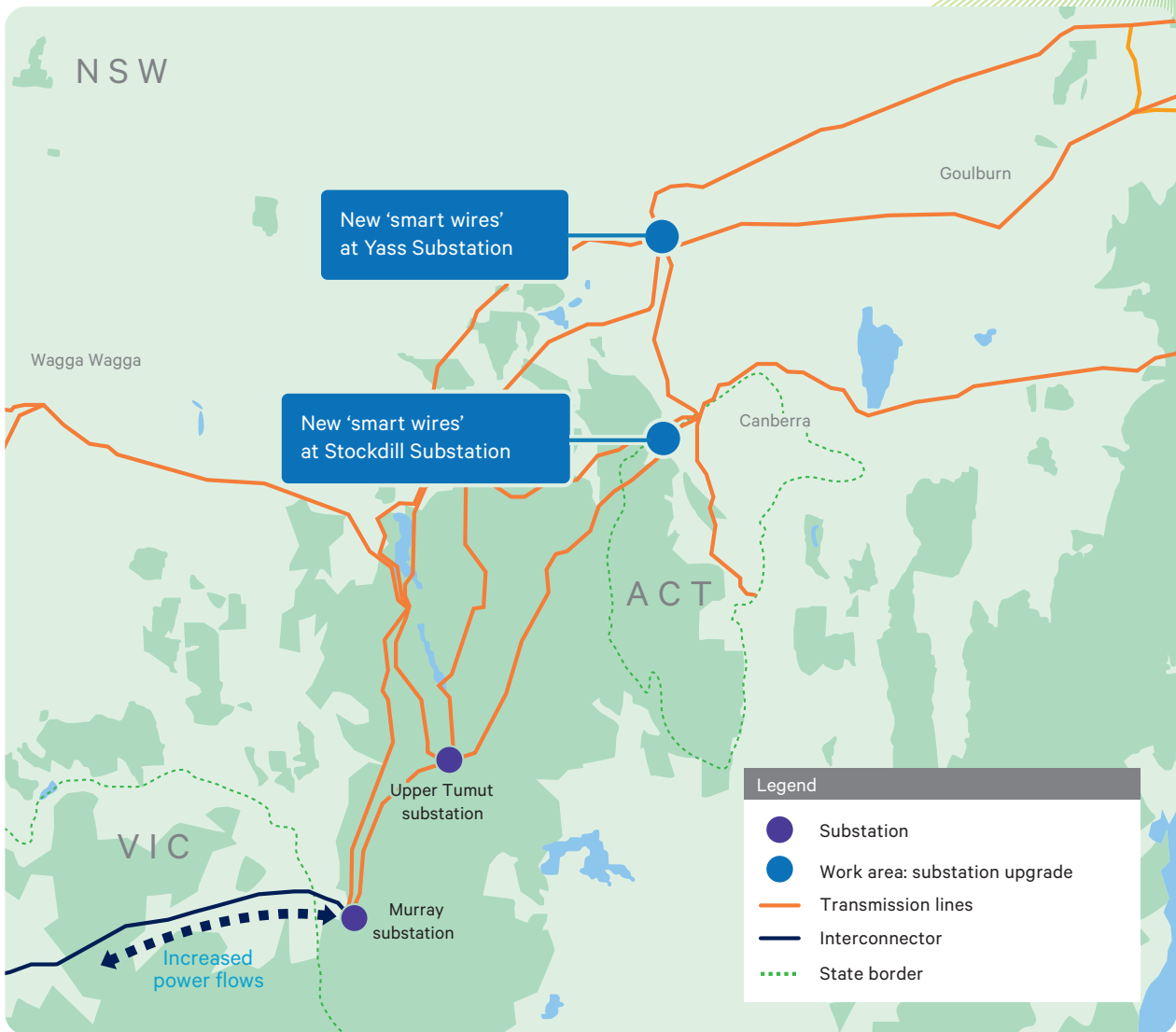
New local jobs

- 100 jobs will be created during construction.

What is an interconnector?

An electricity interconnector is a connection that allows power to flow in both directions between regions in the National Electricity Market, providing access to a larger number of electricity generators.

Project map



Key project dates



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