VNI West

Fact Sheet

Victoria to NSW Interconnector West

OCTOBER 2024

Boosting energy reliability and access to affordable electricity from renewable generation.

What is the project?

The Victoria to NSW Interconnector West – known as VNI West – is a proposed new 500kV double circuit transmission line connecting the high voltage electricity grids in New South Wales and Victoria. The project is part of Transgrid's program to build the future grid and reliably transition to a clean energy future.

The construction of VNI West and other major projects like EnergyConnect and HumeLink will enable the integration of renewables, reducing carbon emissions and drive down wholesale electricity prices.

VNI West is being jointly developed with AEMO Victoria Planning and will connect major projects EnergyConnect in NSW and Western Renewables Link in Victoria.

The preferred option runs from Transgrid's Dinawan substation north of Jerilderie in NSW to new substations proposed near Kerang and Bulgana in Victoria.

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 (NEM), providing access to a larger number of electricity generators and greater ability to meet varying demand where and when it is needed most.

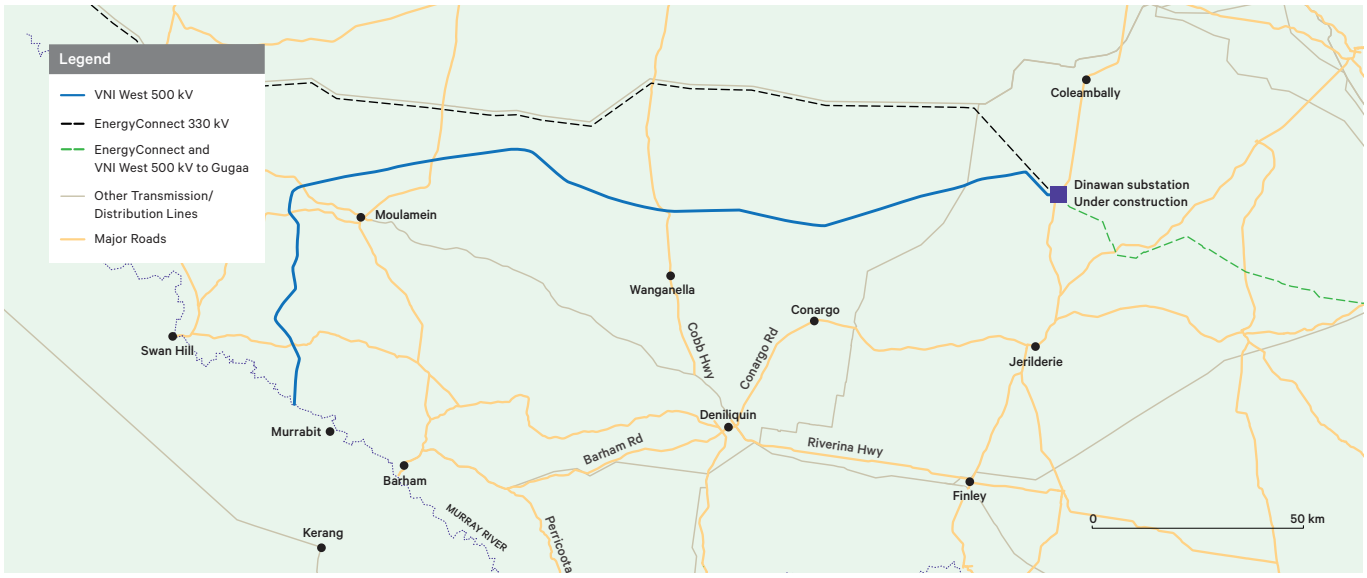
Why is the project needed?

VNI West will provide a vital new transmission connection that harnesses clean electricity from Renewable Energy Zones in NSW and Victoria.

The project will help deliver the high-capacity transmission backbone needed to transform the NEM and support the transition to a clean energy future, as coal fired power stations close.

VNI West will:

- increase in the capacity to share electricity between NSW and Victoria
- improve the reliability and security of electricity supply in both states
- increase access to renewable energy sources
- create an economic boost for regional communities through the provision of jobs, training and local supply opportunities
- help achieve renewable energy targets and the overall decarbonisation of the NEM, while continuing to deliver safe, reliable and affordable electricity to consumers.



Where will VNI West be located?

Transgrid has identified a corridor where the new transmission line could be located.

The transmission line corridor is approximately 200m wide and is located between:

- the 'Dinawan' substation being built as part of EnergyConnect
- the Murray River north of Kerang

This transmission line corridor will be further refined to a 70m final easement where the transmission line will be located

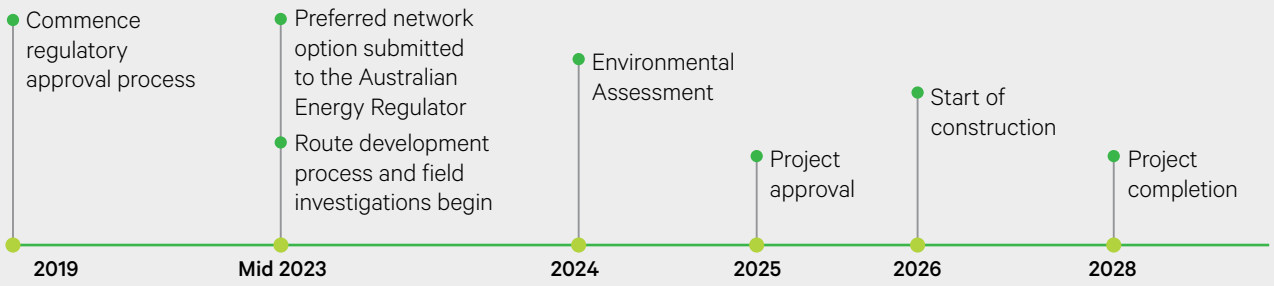
In consultation with Transmission Company Victoria (TCV), an area has been identified where the Transmission line could cross the Murray River. There will be ongoing assessment to ensure that VNI West is aligned at the border.

How can I engage with the project?

Transgrid is committed to genuine and transparent engagement with traditional owners, stakeholders, local communities and landowners throughout the delivery of VNI West.

To learn more about upcoming consultations and explore more information on VNI West in NSW, please visit transgrid.com.au/vniw or scan the QR code.

Key project dates



*The above dates are indicative only and subject to change. Transgrid is working to achieve the objectives of the Federal Government's Rewiring the Nation plan and deliver the benefits of this project to the National Electricity Market (NEM) by 2028.

Connect with us

Transgrid is committed to working with landowners and communities through the development of VNI West.
Please connect with us for more information.

Transgrid

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