

Mount Piper to Wallerawang Transmission Line Upgrade Project

Environmental Impact Statement Traffic and Transport Impact Assessment

FACT SHEET | AUGUST 2025



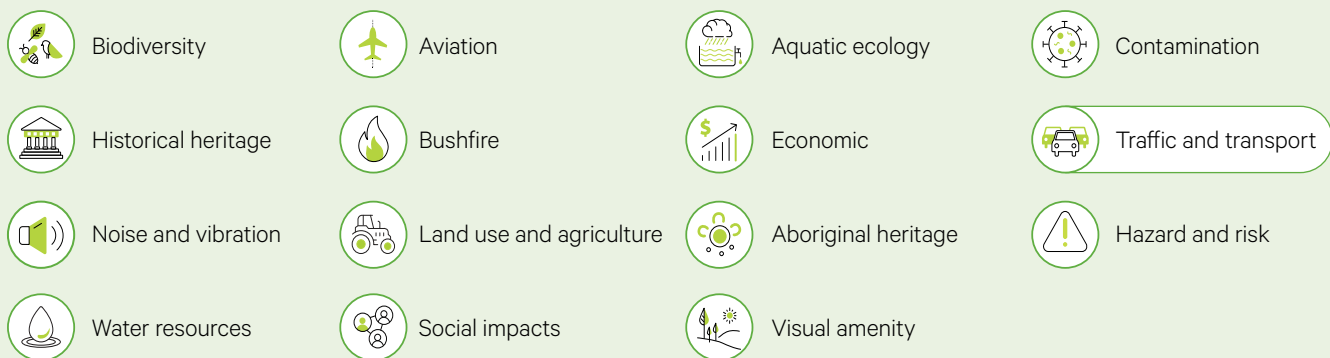
How can I provide feedback on the Environmental Impact Assessment (EIS)?

Local community members, councils, stakeholders, community groups and organisations are encouraged to view the EIS and to have a say by making a submission. You can view the EIS and

specialist studies online via the [NSW Major Projects Planning Portal](#) and search for unique ID SSI-70279722 or 'Mount Piper to Wallerawang Transmission'.

The Mount Piper to Wallerawang Transmission Line Upgrade Project (the Project) comprises the construction and operation of approximately 8 km of new 330 kV transmission line between the Mount Piper and Wallerawang 330 kV substations, on the lands of the Wiradjuri people.

The Project will carry out upgrades to our transmission network in the State's Central Tablelands to support the NSW Government's delivery of the Central-West Orana Renewable Energy Zone (CWOREZ).



What was studied in the Traffic and Transport assessment?

The assessment includes:

- desktop research of the existing traffic and transport e.g. aerial imagery, traffic surveys (counts) and stakeholder feedback
- review of the proposed construction activities including number of workers, construction haulage routes, access routes to site and construction work schedule
- review of activities during operation and maintenance
- assessment against the Austroads Guide to Traffic Management
- investigation of approvals required for upgrades are entry points to construction areas and easements
- assessment of cumulative impacts with other nearby projects
- recommendations that could avoid, reduce and mitigate the potential impacts.

How is the current road network operating?

The assessment identified that the road network in the study area is currently operating at an acceptable level with approved heavy vehicle routes along the state road network, with limited public transport services in the area.

What are the transport requirements for the Project?

The construction stage of the Project will require workers, construction materials and equipment to be transported to and from multiple locations using national, state and local road networks, as well as access tracks on landowners' property. Movements to and from local accommodation locations are expected at the beginning and end of the working day. Construction vehicle movements might include equipment, waste, material and spoil, as well as workers' vehicles. The construction stage of the Project will include the use of heavy vehicles, and in some instances oversized and overmass vehicles, particularly for the transport of transmission line structure materials and conductors. The origin locations of workers and materials are estimated to be:

- 90% towards and from the south (Sydney, Lithgow and surrounds)
- 10% towards and from the north (Mudgee and surrounds)

The key roads that allow access to the site include:

- The Castlereagh Highway
- Great Western Highway
- Boulder Road
- Frankfort Road
- Brays Lane
- Karawatha Drive
- Main Street
- Barton Avenue
- Cripps Avenue
- Heel Street in Wallerawang.

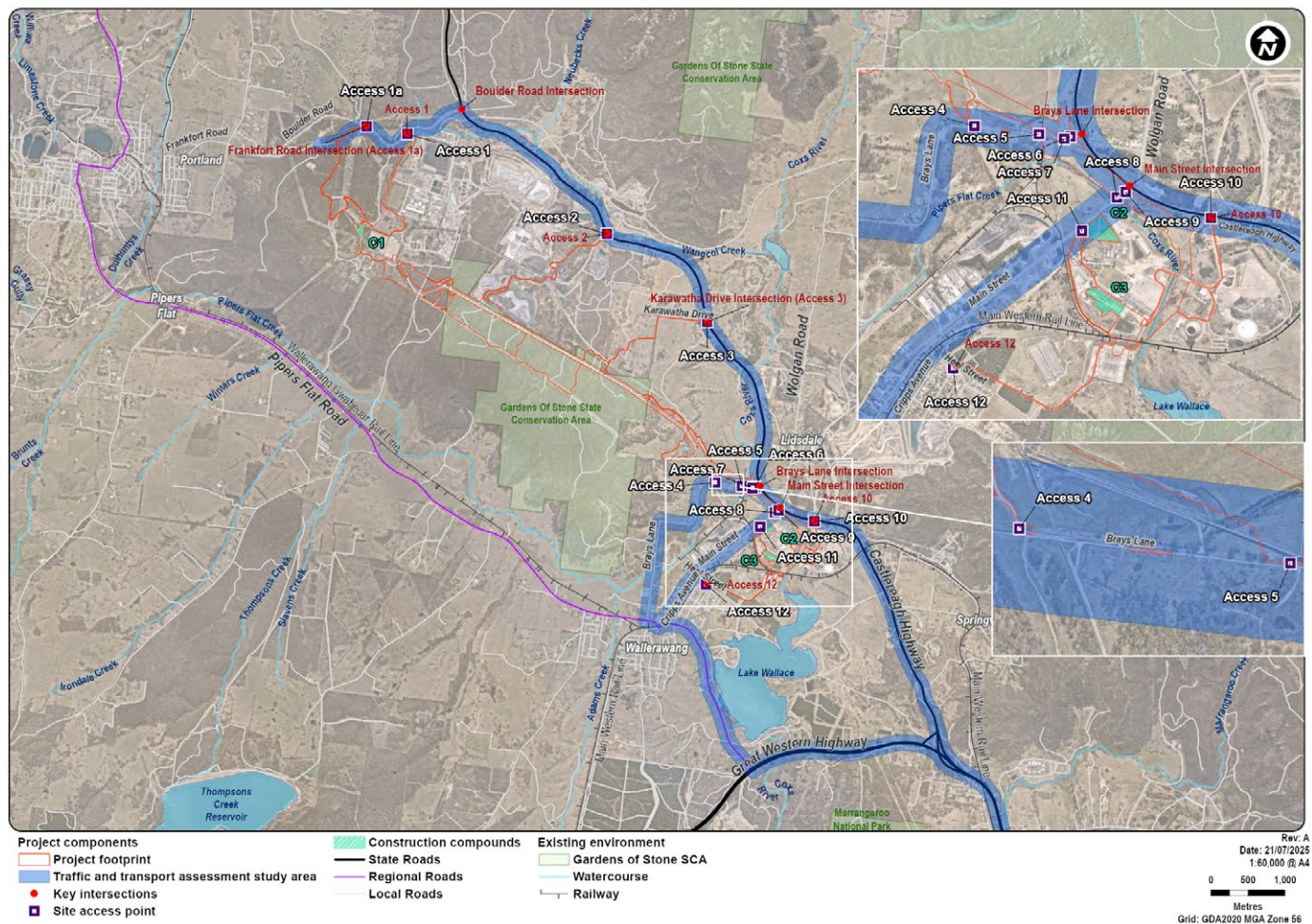


Image: Study area for the Traffic and Transport Impact Assessment.

Sight distance review

A sight distance review was completed at road intersections on the proposed access roads to ensure drivers can safely navigate in and out of the area. Sight distance is measured from the driver's eye height to the top of a car, to ensure drivers can observe approaching vehicles and stop before a potential collision.

Vegetation trimming will be required at one intersection where a sight distance issue has been identified. Traffic management will be implemented at another intersection to ensure driver safety.

What are the traffic impacts after the transmission line and structures are built?

When construction is complete, the new transmission line and structures will be managed as part of Transgrid's regular maintenance program. This will involve a small number of staff and vehicles for inspection during operation. Therefore, the traffic impacts of the transmission line are predicted to be low.

Connect with us

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



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Find out more at:
transgrid.com.au/wallerawang

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