

Hunter Transmission Project

Project overview

July 2026

The Hunter Transmission Project will deliver a new 110-kilometre 500 kilovolt (500 kV) transmission line between Bayswater (near Muswellbrook) and Olney (near Eraring), strengthening the NSW electricity network and supporting the transition to renewable energy.



Community members reviewing the project alignment

Following a detailed and independent assessment by the NSW Department of Planning, Housing and Infrastructure, the Minister for Planning and Public Spaces has granted planning approval for the Hunter Transmission Project and issued the Conditions of Approval. The assessment was informed by environmental and technical studies, community and stakeholder feedback, and advice from councils and government agencies.

What is a 500 kV line?



500 kV is the “**pressure**” that pushes electricity through the wires.



The **higher the voltage, the more power** can move quickly and efficiently over long distances.



A 500 kV line **carries electricity** from where it is generated to where people live and work.



For the Hunter, it means **a stronger, more reliable grid, fewer blackouts** and supporting reliable and **affordable energy** for homes, schools and businesses.



Community members reviewing the project alignment

What this project delivers for communities



Reliable power

A stronger grid so families, schools and businesses have electricity when they need it.



Local jobs and opportunities

Around 1,500 construction roles (including nearly 400 local jobs), plus apprenticeships and Aboriginal employment opportunities.*



Economic boost

Hundreds of millions invested through wages, contracts, and supply chains – supporting local businesses and keeping money in NSW communities.

Shaped by community voices

Early consultation and community feedback has reduced the number of private landholders directly affected by the transmission line from around 70 to fewer than 20 landholders. 89% of the alignment will now be on power station, government and mining land, reducing the impact on private properties.

As a direct result of community feedback and further environmental investigations, important biodiversity areas and culturally significant landscapes have been avoided or impacts reduced where possible.

This includes refinements to help avoid sensitive areas around Cooranbong and Martinsville, while locating the new substation within a previously disturbed timber site in Olney State Forest.

What happens next

Planning approval has been granted for the Hunter Transmission Project, with Conditions of Approval setting out the requirements the project must meet during detailed design, construction and operation.

Before construction starts, detailed management plans and pre-construction requirements must be completed and approved by the NSW Department of Planning, Housing and Infrastructure.

EnergyCo, alongside the network operator, will continue engaging with landowners, councils, Aboriginal stakeholders, community groups and businesses as HTP progresses.

Community information sessions, pop-ups and online briefings will continue across the region to provide updates, answer questions and support ongoing engagement.

Visit energyco.nsw.gov.au/htp for project updates and upcoming sessions.

Contact us

EnergyCo is the NSW Government statutory authority responsible for delivering the Hunter Transmission Project as a critical part of transitioning to a cleaner future under the Electricity Infrastructure Roadmap.



htp@energyco.nsw.gov.au



1800 645 972 (9am to 5pm, Monday to Friday)



energyco.nsw.gov.au/htp



Scan the QR code for more information.

If you need help understanding this information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 645 972**.

**Source: Hunter Transmission Project EIS (2025), Socio-economic impacts.*