

# Hunter Transmission Project

## Project overview

February 2026

The Hunter Transmission Project (the project) is a key part of securing NSW's energy future. It will deliver a new 110-kilometre overhead 500 kilovolt (kV) transmission line from Bayswater (near Muswellbrook) to Olney (near Eraring), connecting into the State's 500 kV network.



By strengthening the grid, the project will unlock renewable energy from the Central-West Orana and New England Renewable Energy Zones, reduce reliance on ageing coal-fired power stations, and provide cleaner, more reliable and affordable energy for NSW.

Following public exhibition of the Environmental Impact Statement (EIS), EnergyCo has lodged the Submissions Report and Amendment Report, which respond to community feedback and assess refinements to the project.

## What is a 500 kV line?



500 kV (kilovolts) 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 **clean energy** from where it's generated to where people live and work.

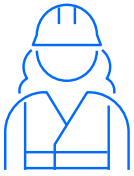


For the Hunter, it means **a stronger, more reliable grid, fewer blackouts and cheaper renewable energy** delivered to homes, schools and businesses.

## What this project delivers for communities



**Reliable power: A stronger grid so families, schools and businesses have electricity when they need it most.**



**Local jobs and opportunities: Around 1,500 construction roles (including nearly 400 local jobs), plus apprenticeships and First Nations 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 landowners directly affected by the transmission line from around 78 to approximately 20 landowners.

Around 89% of the alignment will now be on power station, government, and mining land, reducing the impact on private properties.

The revised corridor avoids sensitive places like Cooranbong and Martinsville by locating a new substation in the Olney State Forest (a previously used timber site) and preserving scenic and culturally significant landscapes.

These changes demonstrate how community feedback has shaped the project's design and assessment. The project is now progressing through formal government assessment.

We'll continue to keep the community informed as this assessment moves forward.

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

## Staying involved and next steps

Following the Environmental Impact Statement (EIS) exhibition, EnergyCo has lodged the Submissions Report and Amendment Report with the NSW Department of Planning, Housing and Infrastructure. These reports respond to all submissions received and assess refinements developed in response to community and stakeholder feedback. They are publicly available on the NSW Planning Portal.

The Submissions Report and Amendment Report form part of the formal assessment process and are now being considered by the NSW Department of Planning, Housing and Infrastructure as part of its evaluation of the project. The Department will determine whether further information is required before progressing toward an assessment outcome and determination.

As the assessment progresses, EnergyCo will continue to engage with landowners, councils, Aboriginal stakeholders, community groups and businesses to share updates and listen to concerns.

You can stay informed by signing up to our e-newsletter, visiting the project website for the latest information, or attending upcoming community information sessions and pop-ups.

## Contact us

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



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