

Hunter Transmission Project

Project Update

October 2025

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.

The project is currently in the planning and approvals stage. Its environmental impact statement (EIS) has been publicly exhibited, and community feedback is now being carefully considered as part of the assessment process.

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.

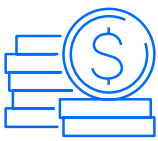
What this project delivers for communities



Cleaner energy: Renewable power for millions of homes, cutting emissions and building a greener future.



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.



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

Shaped by community voices

Early consultation and community feedback has reduced the number of private landowners directly affected by the transmission line from 78 to fewer than 20.

Around 85% 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 updates show your input isn't just being heard – it's directly influencing how the project takes shape. More refinements will be made as EIS submissions are reviewed.

We'll keep the community informed and supported with clear updates before and during construction.



Staying involved and next steps

Every submission made during the environmental impact statement (EIS) exhibition will be considered and responded to in a public Submissions Report, available on the NSW Planning Portal.

EnergyCo will continue meeting with landowners, councils, community groups and businesses to share updates and listen to concerns. Sign up to our e-newsletter, visit our website to read project information, or drop by one of our community pop-ups for the latest updates.

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.

 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.



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