

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.