

PROJECT SUMMARY

ENERGY CO - CENTRAL WEST ORANA

CLIENT : ENERGY CO

PROJECT VALUE : \$5.5bn

ENGAGEMENT PERIOD : 2025 - Present

PROJECT OVERVIEW

The \$5.5 billion project Central-West Orana Renewable Energy Zone in NSW is Australia's first declared REZ, covering about 20,000 km² around Dubbo and Dunedoo, and will deliver up to 6 GW of network capacity by 2038 to connect wind, solar, and storage projects to the grid.



Involvement

Croí are currently engaged to provide Commercial and Finance, Delivery - Construction, Delivery - Technical and Connections, Operations and Commissioning (COC) services for the delivery phase of the Central West Orana Renewable Zone. Professional services provided include:

- Commercial Management - Ports to REZ
- Commercial Management - TransGrid
- Contract Administration - Independent Certifier Deed
- Project Management Construction Delivery
- Generators Connections & Commissioning Subject Matter Experts

Key Interfaces

- TransGrid
- Local Councils
- Endeavour Energy
- Independent Certifier
- ACERES Consortium (Acciona / Cobra / Endeavour Energy)
- Private Landowners
- Synchronous Condenser Suppliers
- Generation Proponents
- Australian Energy Market Operator

Key Achievements

- First REZ formally declared in NSW Infrastructure
- Procurement completed and ACERES consortium (ACCIONA, COBRA, Endeavour Energy) appointed to design, build, finance, operate, and maintain the project for 35 years.
- Transmission route and infrastructure scope confirmed with 240 km of high-voltage lines, two energy hubs (Merotherie & Elong Elong), one switching station (Barigan Creek), and synchronous condensers.
- Network capacity increased from 3 GW to an initial 4.5 GW, with a pathway to 6 GW by 2038.
- Early works and site preparation underway mid-2025, including access tracks, geotechnical investigations, and preliminary civil works.

Key Benefits

- Central West Orana will provide up to 6 GW of renewable generation by 2038, enough to power 1.8 million homes.
- It will enable 7.7 GW of wind, solar, and storage projects, supporting NSW's transition away from coal-fired generation.
- Central West Orana will improve grid stability through synchronous condensers and modern high-voltage infrastructure.
- Boosts local infrastructure and services in towns like Dubbo, Mudgee, and Dunedoo.