

End of year update

Port to Renewable Energy Zones

December 2025

EnergyCo is delivering renewable energy zones (REZ) to provide a clean, affordable and reliable power supply for energy consumers across NSW. EnergyCo and Transport for NSW are upgrading sections of the State-road network to enable the delivery of critical equipment needed to build renewable energy projects.



OSOM vehicle carrying a turbine to a wind farm west of Blayney. Credit ARES

Construction is underway on the first stage of the Port to REZ road upgrades.

Work on the first stage of the Port to REZ road upgrades program between the Port of Newcastle and Elong Elong started in May after the contract was awarded to BMD Constructions and is well underway, with work scheduled for completion in 3 locations by the end of 2025, and another 11 scheduled for completion in early 2026.

Once delivered, the upgrades will benefit all motorists by reducing delay times, easing travel through intersections and improving road safety.

The program is made up of three components:

- **Road upgrades** at 19 locations to allow oversize overmass (OSOM) vehicles to safely move large equipment across the State-road network to renewable energy projects in the Central-West Orana Renewable Energy Zone (CWO REZ).
- **New pullover bays** strategically located to ensure OSOM vehicles have opportunities to pull over and allow vehicles to safely pass them.
- **Relocating overhead electrical wires** at more than 50 locations.

The road upgrades include pavement widening, drainage adjustments, new turning lanes and relocation or adjustment of utilities, depending on the location.



OSOM vehicle in New England. Credit - Transport for NSW



Vinegaroy Road/ Golden Highway, Cassilis



Jerrys Plains Road (Golden Highway), Jerrys Plains

Overhead electrical wires

Equipment travelling to renewable energy projects is often very long or wide, like wind turbines or transformers, but they can also be very high.

To ensure OSOM vehicles travelling to a REZ do not come into contact with power lines that cross over roads, we need to make power poles taller at more than 50 locations so an OSOM vehicle can safely drive underneath.

This work usually requires a short power outage, installing new power poles, re-tensioning and lifting power lines.

This work happens quickly, with little to no impact on motorists and will be completed in mid-2026. Landowners are notified in advance if there is a power pole located within their property boundary, or if they will be impacted by a temporary power outage.

New pullover bays

Earlier this year, details were shared with the community about 8 new pullover bays along the Port to REZ route between Newcastle and Elong Elong in the Central-West Orana REZ.

The new pullover bays will complement existing facilities along the road network, and provide motorists with an opportunity to safely pass OSOM vehicles.

OSOM vehicles transporting renewable energy equipment will use existing pullover bays to allow traffic to pass. As the new pullover bays are completed there will be more opportunities for traffic to safely overtake.

For more information about the project, read our work notifications or explore our interactive map and the pullover bay locations, visit energyco.nsw.gov.au/port2rez

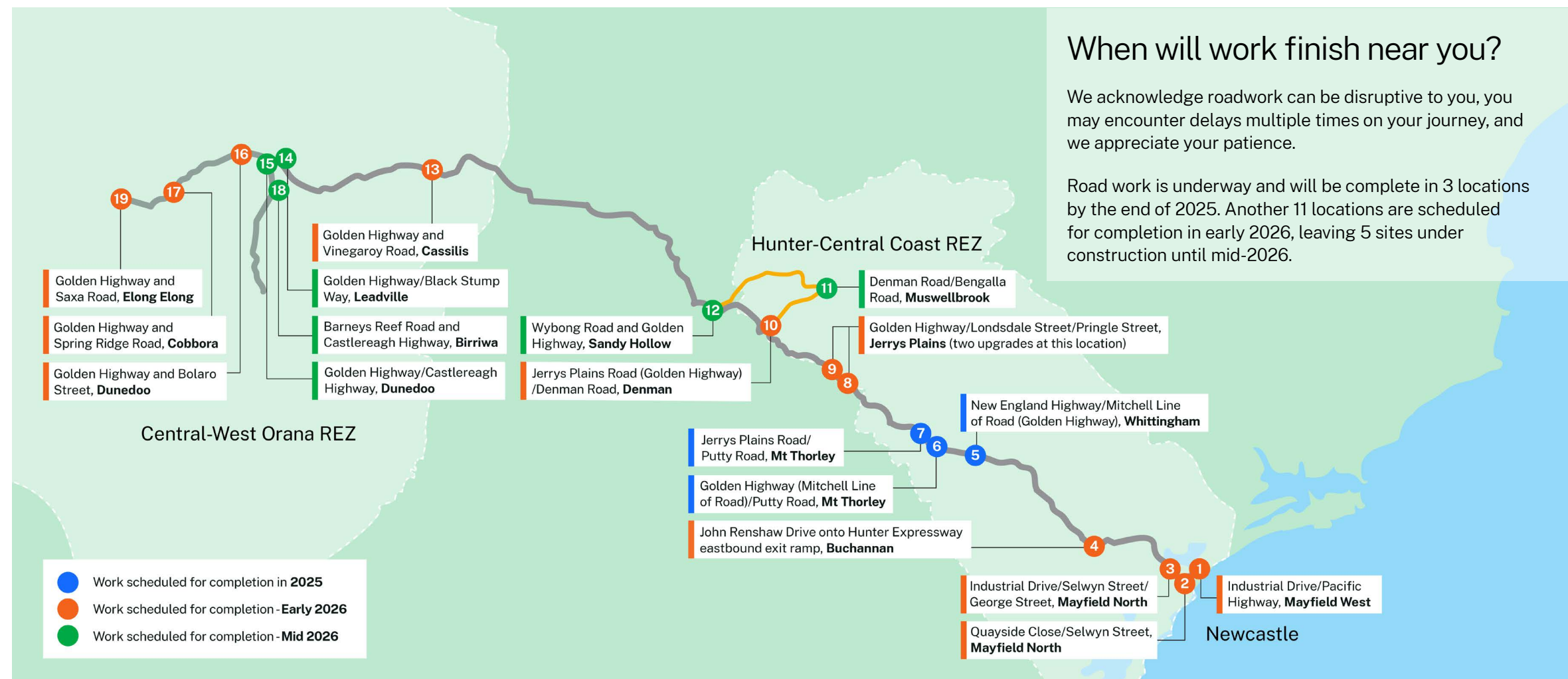


Port to New England REZ upgrade

The second stage of Port to REZ will focus on unlocking access to the New England renewable energy zone.

The OSOM route from the Port of Newcastle to Muswellbrook will operate as a common route for New England and Central-West Orana renewable energy projects. OSOM vehicles travelling to the New England REZ will detour Muswellbrook and rejoin the New England Highway before continuing north towards the REZ.

Following a program of field work in 2025, EnergyCo has now confirmed the route for OSOM vehicles to bypass Tamworth CBD utilising Whitehouse Lane, Marsden Park Road, O'Brien's Lane and Nundle Road. EnergyCo is working closely with local councils to understand local road use and constraints in key areas around town centres to inform route design and potential road upgrades. Route planning and further site investigations will continue through 2026 around Uralla, Walcha and Armidale.



Newcastle Logistics Precinct

The Port to REZ road upgrades are a part of a coordinated plan to streamline logistics between the Port of Newcastle and renewable energy zones, ensuring these critical supply chains are efficient and reliable.



The upgrades will be complemented by the development of the Newcastle Logistics Precinct, a purpose-built facility designed to store and transfer the OSOM equipment needed to build projects in renewable energy zones (see map).

The Newcastle Logistics Precinct will be located next to the Port of Newcastle, on the government-owned Intertrade site. The Precinct is subject to planning and environmental approvals and will include an Environmental Impact Statement (EIS) and a public exhibition period.

The EIS is currently being prepared and is scheduled for public exhibition in 2026. Heritage, noise and vibration, traffic and access, and air quality are just some of the many studies that will be included in the EIS.

We will keep the community updated as planning progresses and further details are finalised.

To sign up for updates about the Newcastle Logistics Precinct, including the details of the EIS exhibition, email us at nlp@energyco.nsw.gov.au

Working with Transport for NSW

EnergyCo and Transport for NSW are working together, along with other stakeholders including the National Heavy Vehicle Regulator, NSW Police, local government, rail infrastructure managers and the freight industry, to plan the movement of OSOM components around the road network.

Transportation of large renewable energy components will increase progressively along the Port to REZ route as construction increases in the REZ.

We are working closely with renewable energy project developers to coordinate the volume and frequency of OSOM vehicle movements during construction.


Coordinating the timing and frequency of OSOM deliveries is critical to minimising disruption for road users and communities. We are supporting Transport for NSW who will develop ways to coordinate how OSOM vehicles and traffic impacts will be managed. This will consider local and regional road use.

Holiday shut down

EnergyCo will shut down all Port to REZ road upgrade work sites from Friday 19 December 2025 to Monday 5 January 2026. Traffic control arrangements and reduced speed limits may remain in place at some locations if needed.

Contact us

For more information, get in touch with our team:

 1800 849 794
(9am to 5pm, Monday to Friday)

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Visit our website to read our work notifications or view our interactive map:

 www.energyco.nsw.gov.au/port2rez

 caportal.com.au/energyco/rez



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