EnergyCo

NSW GOVERNMENT

Traffic and access assessment

Newcastle Logistics Precinct

Environmental Impact Statement | Fact Sheet | July 2026

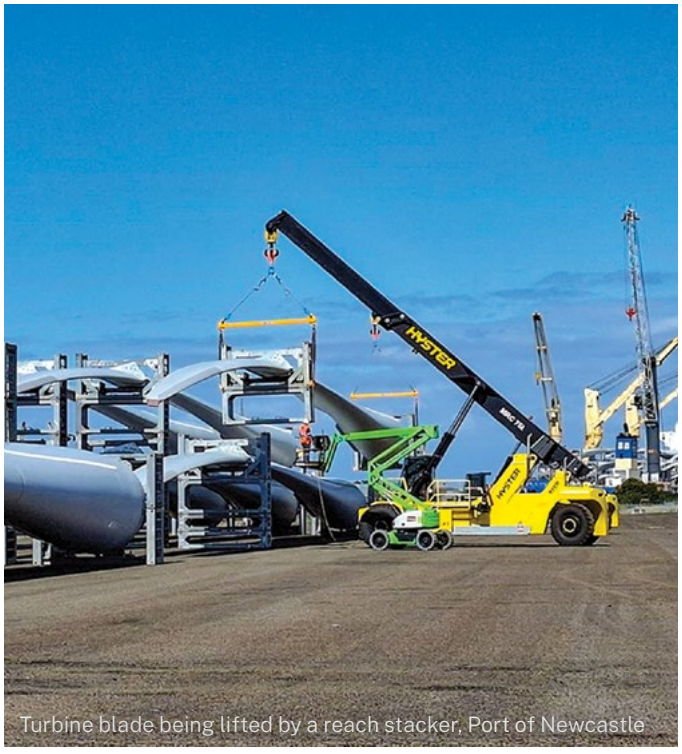
The Newcastle Logistics Precinct will provide storage and logistics capability needed to transport large renewable energy components to Renewable Energy Zones across NSW, supporting the state's transition to renewable energy.

Overview

An assessment of how traffic will access and travel within the site found that there will be a minor impact on traffic during construction and operations. When vehicles travelling to renewable energy zones begin leaving the Precinct, oversize and or overmass (OSOM) vehicle movements will operate under National Heavy Vehicle Regulator permit conditions and will planned in consultation with Transport for NSW as the road authority, and will occur during the night outside peak traffic periods.

How traffic and access were assessed

A combination of desktop reviews, site inspections and traffic data were used to establish existing road traffic conditions. A specialist analytical tool was used to analyse traffic at intersections and road networks near the project site. Additional traffic data related to nearby developments expected to be active during the construction and operation of the project was also considered.



Turbine blade being lifted by a reach stacker, Port of Newcastle

Expected construction impacts

Construction is expected to begin in mid-2027 and is expected to take around 12 months. The traffic assessment reflected traffic during the site's peak construction period and concluded that:

The increase in traffic volumes during construction would have only **minor** impacts on the road network's capacity and performance, as weekday peak movements are low

Nearby intersections will continue to operate at **satisfactory** levels, with minor increases in delays and queues at the Industrial Drive/Ingall Street intersection

Construction will have **minimal** impacts on on-street parking, public and active transport, property access and emergency vehicle access

The project is expected to have a negligible impact on the existing rail level **crossings** on Selwyn Street and Steel Works Road.

Expected operational impacts

The Newcastle Logistics Precinct is expected to start operating in 2028. Traffic and access estimates were for weekday peak volumes in 2037 to provide a conservative view and account for background traffic growth. The assessment concluded that:

- The impact of additional traffic due to operations is expected to be negligible, even when future traffic growth is considered
- All key intersections are expected to operate well, with minor increases in delays and queuing driven primarily by estimated future traffic growth rather than operational traffic
- External OSOM movements to renewable energy zones would occur at night and under an appropriate traffic management plan
- The number of internal OSOM movements between the Port terminal and the site will be controlled by a traffic management plan
- Staff parking during construction and operations will be contained will be provided on site
- Negligible impacts are expected on emergency vehicle access, public transport services and active transport routes.

Mitigation measures

Despite expected minimal impacts to traffic and access during construction and operations, a range of mitigation and management measures will still be put in place, including:

- Development and implementation of a Construction Traffic Management Plan
- All accesses will be designed to ensure they are suitable for intended vehicles and in accordance with relevant Austroads guidelines where applicable
- Carrying out road condition inspections before construction of all roads nominated as construction routes, including local roads. Any road repairs required due to construction impacts will be carried out in consultation with local authorities
- Working closely with our Port neighbours when coordinating work
- Maintaining visitor access to the Newcastle Steelworks Memorial and Monument
- All worker and visitor parking will be accommodated within the site.

OSOM vehicles travelling to renewable energy zones

EnergyCo is working with Transport for NSW, as the road authority, to determine how and when OSOM vehicles travelling to renewable energy developments, will interact with the wider road network. Further details can be found by visiting the Transport for NSW website at transport.nsw.gov.au/projects, and searching for 'Port to Renewable Energy Zones'.

Contact us

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Scan the QR code for more information. For assistance with translating and interpreting this information please call **131 450** and ask them to call **1800 849 794**.