

Marulan Gas Fired Power Station

Roads and Traffic

EnergyAustralia recognises that the proposed site for the Marulan Gas Fired Power Station is on the traditional Country of the Gundungurra peoples and respects and acknowledges their continued connection to Country and culture.

What is a traffic and Transport impact assessment?

It uses relevant studies and reports to assess traffic and road impacts of the Project during construction and operation, including traffic volumes, conditions and safety. It determines key traffic, safety and performance constraints along the Project's key routes and intersections and recommends appropriate mitigation measures where required.

How is a traffic and transport impact assessment undertaken?

The Traffic and Transport Impact Assessment (TTIA) uses traffic surveys, modelling and safety analysis to understand how a project could affect roads during construction and operation. It looks at traffic volumes, road capacity, intersection performance and safety, and recommends measures to manage any potential impacts.

What traffic is expected during construction?

Construction will generate additional traffic, particularly during peak construction. This is mainly associated with workforce movements and construction activities.

At peak construction, traffic would include light vehicles used by workers, regular shuttle buses between temporary accommodation and the site, and construction heavy vehicles transporting materials and equipment. Oversize vehicles would be used infrequently to deliver major equipment and would be carefully planned.

Road upgrades and improvements

As part of project planning, targeted upgrades are proposed for Canyonleigh Road before construction. These upgrades are being planned ahead of construction to improve road condition, safety and flood resilience, and to ensure the road is well prepared for construction traffic.

Minor upgrades will also be required along Ambrose Road, to facilitate safer turn in and out of the temporary workers accommodation site.

Heavy vehicles and oversize loads

Construction will involve heavy vehicles and a limited number of oversize and over mass vehicle movements. Oversize movements would be infrequent, subject to permits, escorted where required, and scheduled outside peak traffic periods. Routes and timing would be carefully managed to prioritise safety.



Cumulative traffic impacts

The assessment also considered traffic from other nearby developments. Most nearby projects are expected to be operating before the Marulan Project reaches its busiest construction period. EnergyAustralia will continue working with Council and other project proponents as information is refined to ensure the road network continues to operate safely.

School buses, residents and local access

Measures would be put in place to help minimise impacts on school bus services and local access. Drivers would be informed of bus routes and schedules, and traffic controls would be used where required to maintain safe access to properties and local roads.

What happens once construction is complete?

Once construction is finished, traffic levels are expected to reduce significantly during operation. From time to time, short term increases in traffic may occur during planned maintenance activities, which would be managed and communicated in advance.

How will the community be kept informed?

The community would be notified ahead of time about potential traffic changes during construction. This may include signage, text alerts, online updates, and direct communication with residents and businesses along key routes.

What will people notice day to day?

During the busiest construction period, people may notice increased traffic at certain times of day, particularly in the early morning and afternoon. Construction traffic would be spread across the day where possible, and Over Size Over Mass (OSOM) vehicle movements would be scheduled outside peak traffic periods to minimise disruption.

What about road capacity and safety?





Traffic modelling shows that the surrounding road network and key intersections can continue to operate safely during construction, with acceptable traffic performance. Existing intersections are expected to remain suitable, and no major intersection upgrades are required based on current assessments.

How will traffic impacts be managed?

A Construction Traffic Management Plan would be developed before construction begins. This plan would include safe vehicle routes, timing of traffic movements, measures to manage heavy and oversize vehicles, signage and traffic controls, and clear communication with the community about changes to road conditions or access.

Identified impacts		Proposed mitigations	
Traffic volumes during construction	Increased traffic volumes, including heavy vehicles will have an impact on road efficiency and performance, and safety.	Neighbour agreements and engagement	Ongoing engagement with neighbours and stakeholders along the access route.
		Signage Communication	Development of a Construction Traffic Management Plan with safety measures, including: <ul style="list-style-type: none"> • Installation of warning signs • Communication of changed access arrangements to road users and stakeholders • SMS notifications to the community about road closures, oversized vehicles, and key traffic movement Recommendations to help reduce construction vehicle impacts on local and regional roads.
		Road upgrades	Road upgrades on Canyonleigh Road and minor upgrades to Ambrose Road intersection to allow safe entry into and exit from temporary workers accommodation. A Road Maintenance Strategy developed with Goulburn Mulwaree Council and Upper Lachlan Shire Council to keep local roads in good condition.
Impacts to local bus routes		Construction driver awareness	A Driver's Code of Conduct will require construction truck drivers to be informed about school bus routes on roads being used by construction traffic.
Road works on public roads	Changed access for nearby neighbours	Neighbour agreements and engagement	As part of the neighbour engagement process, nearby residents will be consulted to manage access to their properties and driveways during nearby works.
		Traffic controls	Traffic controls will be put in place to help ensure property access is available for residents.

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