JANUARY 2026

Hexham Wind Farm

FACT SHEET

Traffic and transport

The proposed Hexham Wind Farm is located between Hexham, Caramut and Ellerslie in the Moyne Shire in south-west Victoria. The project would incorporate up to 106 wind turbines with a total height of up to 260 metres from ground to blade tip. The project would also include an on-site terminal station and battery energy storage system (BESS) and other associated infrastructure such as access tracks.

As part of the Victorian government's planning and approvals process for major projects, Wind Prospect has prepared an Environment Effects Statement (EES) for the proposed Hexham Wind Farm. An EES is a requirement under the Environment Effects Act 1978, and includes a detailed assessment of a wide range of environmental and social aspects such as biodiversity, ecology, historic heritage, Aboriginal cultural heritage, landscape and visual amenity, traffic and transport, noise, socioeconomic and surface and groundwater.

Assessment

A Traffic and Transport Impact Assessment was prepared by Ratio Consultants Pty Ltd as part of the EES. The purpose of the impact assessment is to determine the potential impacts of the project on the regional and local road network and recommend management measures to reduce potential negative impacts for road users, including those from surrounding communities.

How the assessment was carried out

The assessment has included stakeholder consultation and research, data analysis, traffic modelling and site inspections to understand the existing conditions of the roads and transport route options that are likely to be used. Potential impacts from the project's construction and operation have also been considered. The assessment included:

- determining the source and predicted volumes of construction materials for wind turbines and associated infrastructure
- identifying transportation and access requirements for materials, staff and equipment and when these will be needed
- identifying any additional road works/upgrades required during the construction stage
- identifying potential haulage routes including source locations for quarried materials, and over-size and over-mass (OSOM) vehicle traffic routes
- describing and evaluating the proposed traffic management and safety principles to address changed traffic conditions during construction
- assessing road conditions, investigating preferred traffic routes, and determining any potential effects of construction activities on existing road users.

WIND PROSPECT

The proposed Hexham Wind Farm is located around 43 kilometres to the north of Warrnambool and extends across both sides of Woolsthorpe-Hexham Road, between Warrnambool-Caramut Road and Hexham-Ballangeich Road. Hamilton Highway, an arterial road, forms the northern border of the project area. A second arterial road, Warrnambool Caramut Road, is to the west of the project area.

Local roads within the project area include Grassmere-Hexham Road, Connewarren Lane, Gordons Lane and Hexham-Ballangeich Road. A series of other minor local rural roads extend through the project area and typically provide access to the land within the project area and surrounds.

Public transport routes do not extend through the project area, but services do operate on roads that would be used by the project. School buses operate on some roads around the outside of the project area.

Construction of a wind farm requires the transportation of machinery and equipment. Most changes to existing local traffic in the region would occur during construction, as materials, equipment and the wind turbine generators are transported to site. While every effort to source local construction materials would be made, the wind turbines would be transported to site direct from either the Port of Geelong or Port of Portland.

Proposed temporary on-site quarry

Wind Prospect is proposing a temporary on-site quarry to provide gravel and other materials for the project during the construction phase. Locating the quarry close to construction and within the project area would help reduce the number of vehicle movements to and from the site, and minimise potential traffic congestion, dust, and general disruption to local roads. The establishment of an on-site quarry would cater for all of the road construction material needed for the project. The proposed on-site quarry is located approximately 6 km south of Caramut, in the northwest section of the project area. The nearest public road is Keilor Road which is around 2.5 km to the south of the proposed quarry location.

For more information about the proposed on-site quarry, please refer to the Quarry fact sheet under the News and Resources section of the Hexham Wind Farm website.

Findings

The assessment has considered potential impacts to the current road network required to support the construction, operation and decommissioning phases of the project. The assessment identified:

- Existing road infrastructure (conditions and capacity) would be able to accommodate the traffic requirements across all phases of the project.
- During construction, there may be temporary disruptions to local traffic and regional public transport as large project vehicles move equipment and materials to site.
- Around the site, additional traffic management along Woolsthorpe-Hexham Road would be required.
- Upgrades to some intersections and gate locations around the proposed project site would be required.
- Local traffic impacts within the project area during all project phases can be suitably and safely managed.
- Local organisations and other key stakeholders, including landowners, Moyne Shire Council and Department of Transport and Planning, would be consulted further regarding the potential traffic and transport impacts of the project.

Managing adverse effects

The following mitigation measures are identified in the Traffic and Transport Impact Assessment:

Road upgrades, construction of access roads and temporary infrastructure works within the project area and along the over-sized/over-mass (OSOM) / wind turbine component haulage route.

Preparation of Traffic Management Plans to manage project traffic movements and mitigate short and long-term traffic impacts for road users, including any temporary changes to public transport services.

Green Travel Plans to encourage sustainable workforce travel and minimise project traffic generation.

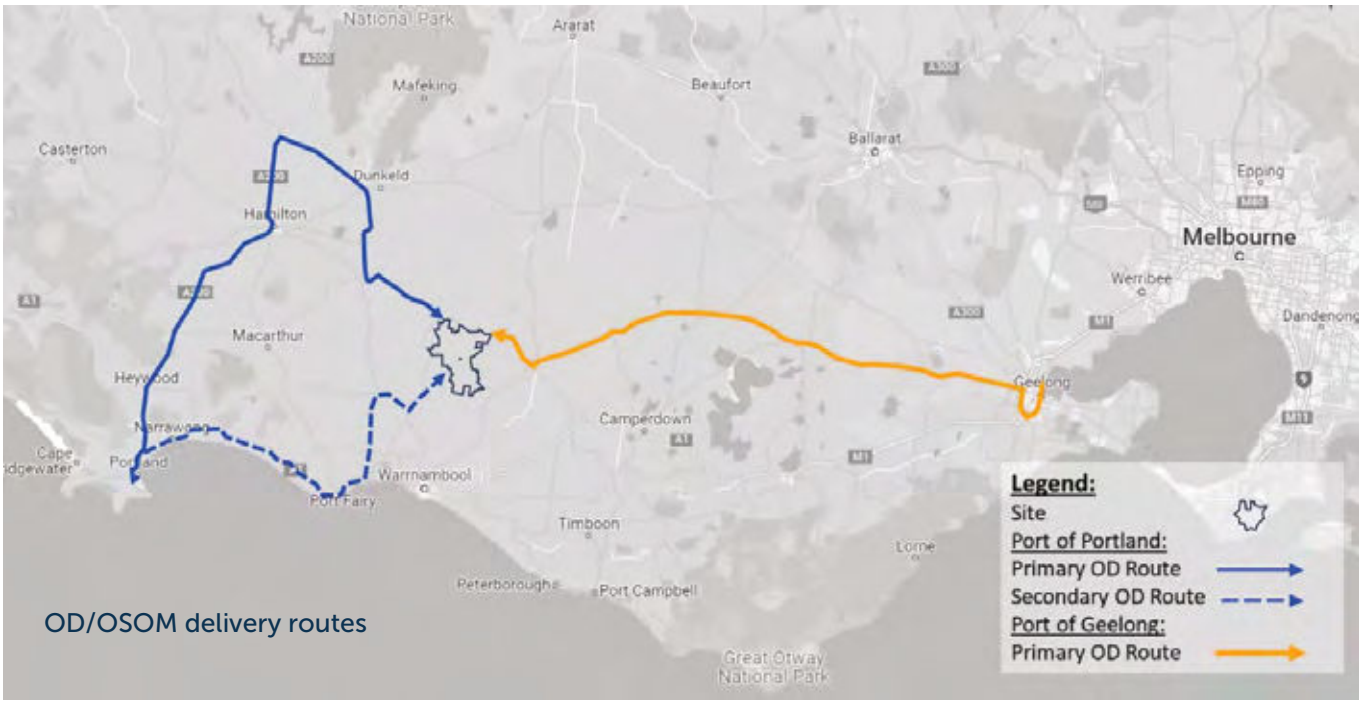
Road maintenance agreements to manage short-term impacts to local roads and key arterial road sections to maintain road conditions for all users during project construction.

Community consultation to assist the development of appropriate traffic management measures and notifications in advance of any road network changes required.

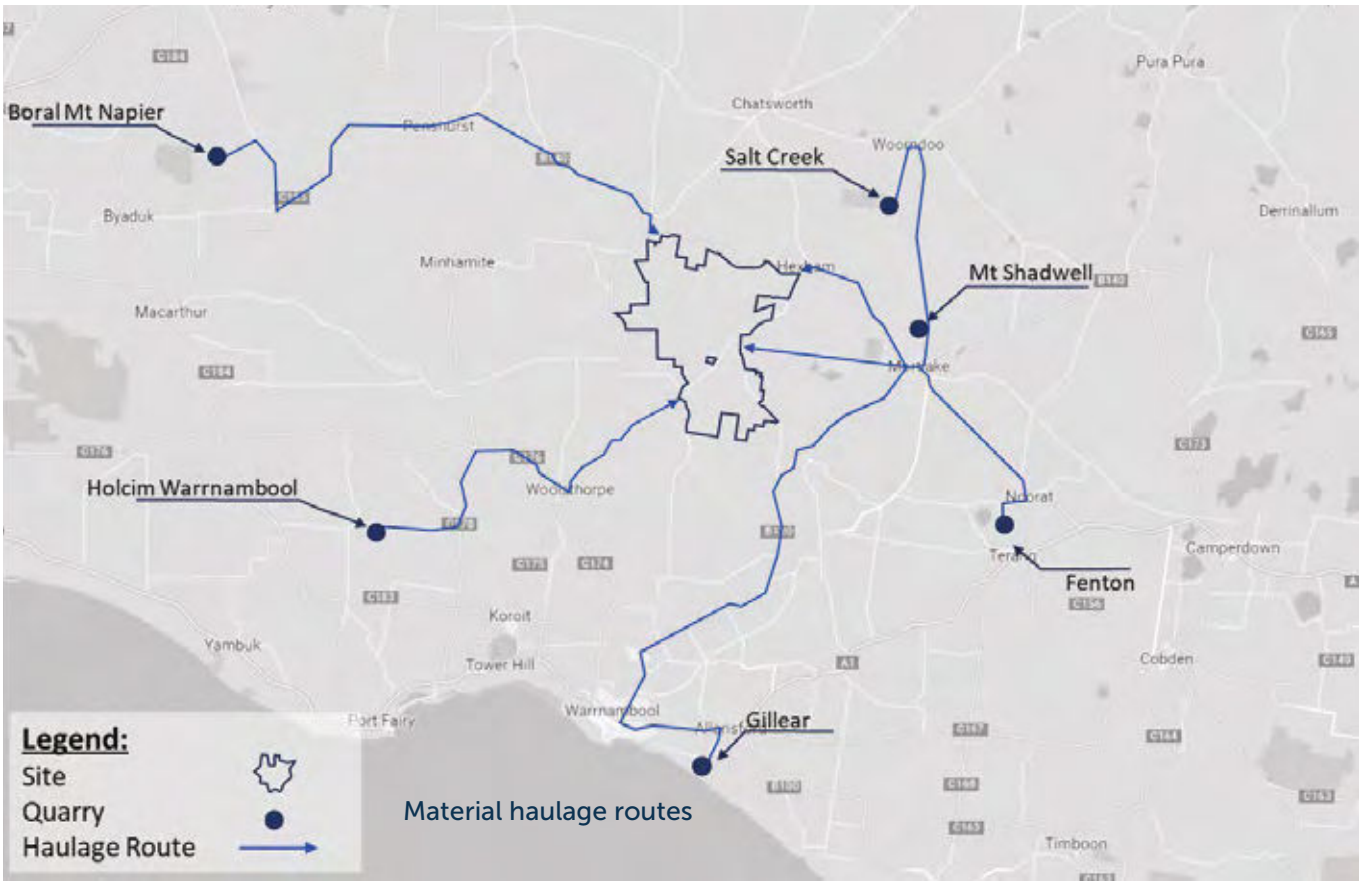
Proposed transport routes

The potential haulage route for wind farm infrastructure and materials to the project area has been assessed and considered the following:

- Haulage routes for equipment and wind turbine components from Port of Portland and Port of Geelong would rely on established OSOM routes that have been used for other wind farm projects. Two routes from the Port of Portland and one route from the Port of Geelong have been considered.
- Arterial roads (or major transportation routes in the regions) must have approval for B-double and/or Higher Mass Limit vehicles in place.
- The local road infrastructure maintained by Moyne Shire Council.
- The transport routes from nearby quarries. This included an assessment of an alternative scenario requiring construction materials to be sourced from outside the project area and onsite quarry.



OD/OSOM delivery routes



Material haulage routes

Next steps

The Traffic and Transport Impact Assessment has been submitted as part of the EES documentation. The EES and all technical assessments will be placed on public exhibition for a period of 30 days.

You can review the EES and technical reports on the Hexham Wind Farm website at: hexhamwindfarm.com.au/ees.

Formal submissions received from the community during the public exhibition period will be summarised in a Submissions Report and considered as part of the Minister's Assessment of the project.

Have your say

During the public exhibition period, you have the opportunity to provide a formal submission on the proposed Hexham Wind Farm. There will be opportunities to meet the project team and hear from technical experts about the proposed project, the EES and technical studies.

Visit the Community page (hexhamwindfarm.com.au/community) of the website for more information on our upcoming in-region engagement activities and ways to get in touch.

Wind Prospect respectfully acknowledges the Traditional Owners of the land on which our office and each of our projects are located. We also acknowledge and uphold their continuing relationship to the land and pay our respect to their Elders past, present and emerging.

Contact

If you need an interpreter, please call 13 14 50. If you are deaf and/or find hearing or speaking with people on the phone difficult, please contact the National Relay Service on voice relay number 1300 555 727, TTY number 133 677 or SMS relay number 0423 677 767.

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