



Project Newsletter

Q4 2024

Project Overview

The Macorna Wind Farm Project is a proposed ~1GW wind farm near Kerang in the Gannawarra/Loddon Shire area. There are a number of factors that make the land around Macorna an excellent location for wind farm development including strong wind speeds, proximity to the proposed VNI West Kerang Substation and good availability of flat, cleared, agricultural land. The project is in the early stages of development with wind monitoring and environmental studies being undertaken to inform the site extent and a preliminary layout.

Ecological Surveys

Our environmental consultant, Ecology and Heritage Partners (EHP) has continued ecological surveys to inform constraints mapping on the site.

A Brolga roaming survey and habitat assessment was undertaken in October. No evidence of Brolga breeding activity was observed during the survey with most wetlands within the site classified as low-quality breeding habitat. One individual Brolga was observed foraging within a paddock adjacent to Kow Swamp, around 7.5 km east of the site.

Whilst further surveys are required during 2025, the initial survey results are good news for the project as they indicate that the wind farm's impact on the Brolga is likely to be low.

Migratory and marine bird surveys will commence in November and continue through December and January. This fieldwork will be carried out by EHP's zoologists Claire and Megan.



Wind Monitoring

Wind monitoring for the proposed Macorna Wind Farm is ongoing, with the original mobile LiDAR ('Light Detection and Ranging') unit on-site, monitoring wind and weather conditions at different heights above the ground.

Planning is underway for the installation of two, ~150m high meteorological masts in the project area. The met masts will validate the LiDAR measurements and improve the certainty of the wind resource and energy production estimates, as well as inform the wind farm design.

It is anticipated that these masts will be delivered and installed in Q1 2025

Landowner Trip to Kiata Wind Farm

On 10th September 2024, Atmos Renewables supported a trip for landowners to visit the company's operating Kiata Wind Farm in western Victoria. All reports were that the trip was enjoyable and useful for understanding what it's like to be near an operating turbine and the impact on the land. Please let Don or Graham know if you are keen to join a similar trip in 2025.

Football & Netball Club Sponsorship

The Macorna Wind Farm is pleased to be able to contribute a financial contribution of **\$25,000** towards the Macorna Football and Netball clubs grant application to the 2024-2025 Country Football Netball Program.





If successful, the grant will be used to expand the changeroom facilities at the club's grounds which will improve the amenities available to sporting and other community groups and business who use the facilities for events.

About Atmos Renewables

Atmos Renewables is leading Australia's energy transition with ownership interests in over 1.8GW of operating renewable assets and a significant pipeline of developments, including wind, solar, and energy storage.

What makes us different?

Atmos benefits from having a board based in Australia that has a deep understanding of the Australia electricity market. This local expertise enables Atmos to be agile in decision making and well equipped to respond to the challenges and opportunities within the Australia energy sector.

-  Reliable Expertise in Renewable Energy
-  Nurturing Lasting Relationships
-  Transparency for Empowered Decision Making
-  Shaping Australia's Clean Energy Future



Example of a wind farm meteorological mast

Industry News

2024 Victorian Transmission Plan Guidelines

September 2024



2024 Victorian Transmission Plan

VicGrid is developing a new statewide approach for renewable energy and transmission infrastructure. The long-term strategic plan will be outlined in the Victorian Transmission Plan will identify proposed renewable energy zones (REZs). These are areas of the state with abundant renewable energy resources, such as wind and or sun. The proposed area for the Macorna Wind Farm is anticipated to be included in one of these proposed REZs.

The Victoria Transmission Plan Guidelines can be downloaded from

<https://engage.vic.gov.au/victransmissionplan>

Renew Economy

A newspaper for renewables! It is interesting reading for those looking to understand the clean energy industry and transition in Australia.

<https://reneweconomy.com.au/>

Billions in the Bush: Renewable Energy for Regional Prosperity

The Clean Energy Council released a new report on the economic benefits clean energy is delivering to farmers and regional communities across Australia.

<https://cleanenergycouncil.org.au/news-resources/billions-in-the-bush-landholder-benefits>

Department of Planning, Housing and Infrastructure

dphi.nsw.gov.au

Wind Energy Guideline

November 2024



NSW Wind Farm Guidelines

The NSW Government has recently released a new Renewable Energy Planning Framework to promote faster planning decisions, provide investment certainty for industry and host communities and boost economic benefits for regional community. The new framework includes:

- Wind Energy Guidelines
- Transmission Guidelines
- Solar Energy Guidelines
- Benefit Sharing Guidelines
- Private Agreement Guidelines

Whilst not directly applicable to the Macorna Wind Farm in Victoria the guidance has relevance to all wind farm projects in Australia and is a good source of information for potential landholders.

They can be accessed:

<https://www.planning.nsw.gov.au/policy-and-legislation/renewable-energy/renewable-energy-planning-framework>

Guidance for State significant wind energy development

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