

Bendenine Wind Farm

FACT SHEET Biodiversity

SEPTEMBER 2026



Protecting biodiversity is a fundamental part of the planning and assessment process for all renewable energy developments.

Why is biodiversity important?

Identifying and implementing ways to avoid and minimise impacts to local ecosystems and biodiversity values is a key requirement for the planning of renewable energy developments. Biodiversity includes native plants, animals, threatened species, ecological communities, and the habitats that support them. Understanding these environmental values helps inform project design and ensures potential impacts are identified and appropriately managed.

The project is currently in the early planning phase, with ecological investigations ongoing which will help determine where infrastructure may be located and identify opportunities to avoid or minimise impacts wherever practicable.

How is biodiversity assessed?

Independent ecological specialists undertake detailed field investigations across the project area over an extended period. These studies will build on the findings of the Scoping Report and will inform the Environmental Impact Statement (EIS).

Assessments



Assessments typically include:

Flora and vegetation

- ▲ Native vegetation mapping
- ▲ Threatened flora surveys
- ▲ Ecological community assessments
- ▲ Habitat quality assessments

Fauna

- ▲ Mammals, reptiles and amphibians
- ▲ Threatened fauna surveys
- ▲ Habitat connectivity assessments
- ▲ Aquatic ecology where relevant

Birds and bats

- ▲ Seasonal bird and bat surveys
- ▲ Raptor and threatened species observations
- ▲ Bird movement and flight path assessments
- ▲ At least two years of bird and bat monitoring to understand seasonal patterns and inform turbine layout



What have the surveys identified so far?

Surveys have identified several threatened species and significant native vegetation communities within or near the project area.

The Project recognises the ecological significance of these species and vegetation communities. Further targeted investigations are underway to better understand their occurrence, habitat and potential interaction with the Project.



Superb Parrot
(*Polytelis swainsonii*)



Yass Daisy
(*Leucochrysum albicans* subsp. *tricolor*)



Golden Sun Moth
(*Synemon plana*)



Eastern Bent-winged Bat
(*Miniopterus orianae oceanensis*)



Grassy Woodland
White Box–Yellow Box–
Blakely's Red Gum*

Vulnerable

Threatened

Threatened

Monitoring underway

Critically Endangered

* Listed under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act).

How will biodiversity influence the project design?

Biodiversity investigations are used to actively inform project design. As the project and investigations progress, the Project team will seek to:



Avoid

Locate infrastructure away from important habitat where practical.



Minimise

Reduce impacts through design refinement.



Refine

Adjust turbine, track and infrastructure locations using ecological data.



Identify

Develop mitigation and management measures.



Assess

Evaluate any remaining impacts.

What happens next?

The Project team will continue biodiversity investigations in consultation with relevant NSW and Australian Government agencies to inform the environmental assessment process.



Further investigations

Targeted threatened species, bird and bat surveys will continue across the project area.



Biodiversity assessment

Findings will be documented in the Biodiversity Development Assessment Report (BDAR) and supporting EIS studies.



Impact avoidance and management

Assessments will identify biodiversity values, potential impacts, and measures to avoid, minimise and manage those impacts.



Public exhibition and assessment

The EIS is publicly exhibited and reviewed by government agencies.

Contact

For more information, contact our team.

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.



1800 497 133



info@bendeninewindfarm.com.au



bendeninewindfarm.com.au