Waddi Wind Farm

Fact Sheet
July
2025

Project Overview
Fact Sheet

The Waddi Wind Farm is located 150 km north of Perth in the Shire of Dandaragan. The Project would help reduce Western Australia's carbon footprint by generating up to 108 MW of clean energy when constructed. That's enough to power up to 68,000 homes per year, avoiding 286,000 tonnes in carbon emissions annually.

The Project would also help generate local employment and bring broader community benefits during construction and operation.

Utilising improved wind energy technology, the Waddi Wind Farm would have the capacity to produce 108 MW of wind energy with fewer turbines.

Helping reduce WA's carbon footprint. WA's energy future:

- Power up to 68,000 homes
- 286,000 tonnes in carbon emissions avoided annually
- Equal to taking 120,000 cars off the road annually
- Approximately 150 jobs created

Approved Project Visualisation

Figure 1: View from Walyering Road (Number of turbines: 18; Hub height: 139m; Tip Height: 220m)

Project location

The Waddi Wind farm (the Project) will be located in the Shire of Dandaragan (the Shire).

The Approved Project

The Waddi Wind Farm Project first received planning approval from the Shire of Dandaragan in January 2012. Since then, several amendments have been approved, mainly focusing on the design and layout of the turbines and electrical transmission infrastructure.

The Approved Project now consists of 18 wind turbines, each with a maximum hub height of 139 metres and a blade tip height of 220 metres. These height levels were increased to enhance ground clearance and create a larger buffer for the Carnaby's black cockatoos.

Recent amendment design changes

To create a larger buffer for the Carnaby's Black Cockatoos, the Project's recent amendment saw an increase to the maximum hub height and blade tip height of the turbines.

Table 1 compares the Project's original size and scope with the Approved Project.

Project Information:

Turbine Model: Vestas V162.6.0 EnVentus wind turbines

Mega Watt Capacity (MW): Up to 108 MW

Number of Turbines: Up to 18 turbines

Blade tip height: Up to 220m tip height

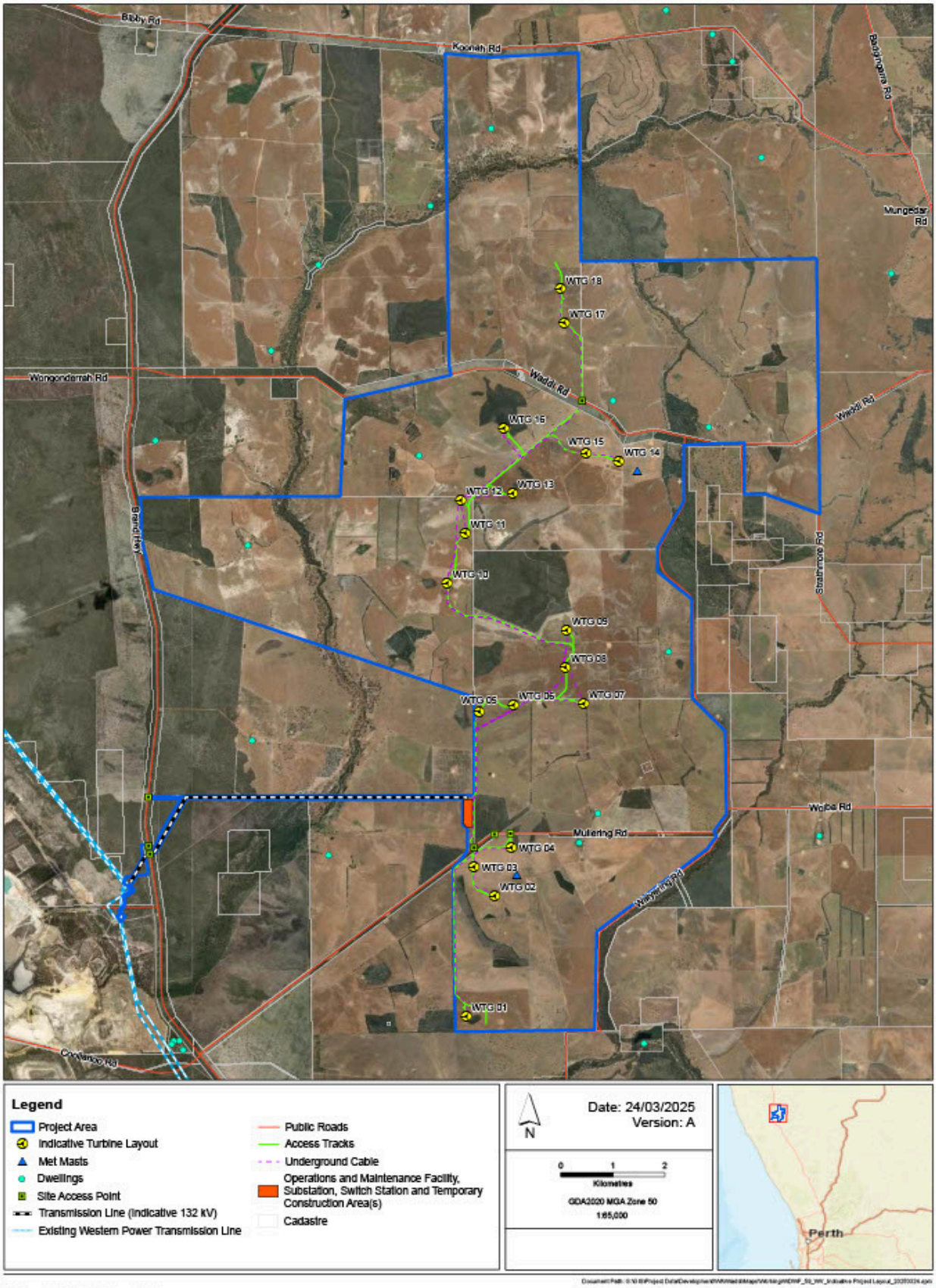
Location: 150km north of Perth; 15km north-west of Dandaragan

Design Parameter	Original Project (2012)	Approved Project (2025)
Maximum number of Wind Turbine Generators	57	18
Hub Height	-	139 m
Tip Height	180 m	220 m
Rotor Diameter	-	162 m
Ground clearances to lowest turbine tip	18 m	58 m
Indicative Capacity	108 MW	108 MW
Turbine Model	-	Vestas V162-6.0 EnVentus

Table 1: Key progression stages of the Project's size and scope since 2012

Project footprint

Figure 2 is an indicative map of the project footprint.



Waddi Wind Farm
Indicative Project Layout

Helping reduce greenhouse gas emissions with reduced environmental impacts

The Project will support the Western Australian Government's target of reducing greenhouse gas emissions. It will be located amongst agricultural land, minimising the need for vegetation removal and ensuring a safe distance from densely populated areas.

By utilising the latest turbine technology, the Project can generate more clean energy with fewer turbines. Additionally, advanced construction practices will help reduce our impact on the environment.

Community-centred consultation

Tilt Renewables will continue to work with host landholders and our neighbours to keep them informed on what is happening throughout each phase of the Project.

We will also provide the opportunity for the community to provide feedback and input on the construction schedule in order to reduce disruptions as much as possible and share valuable local knowledge. Stay up to date through the links below.

ARE YOU ON OUR MAILING LIST?

Stay up to date and receive updates by hovering over the QR code. Would you like further information on the project? Please contact us at waddiwindfarm@tiltrenewables.com or 1800 WE TILT (938 458).

For more information please visit the project website or contact us:
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