

Waddi Wind Farm

Newsletter
Edition

5

December
2023

The Waddi Wind Farm would help reduce Western Australia's carbon footprint by generating enough clean energy to power more than 68,000 homes per year. That's 286,000 tonnes in carbon emissions avoided annually.

The Project would also create local jobs and bring broader community benefits during construction and operation.

Project Update

Over the past twelve months, we have been undertaking due diligence on the ground to progress detailed design, ecological and cultural heritage investigations, with the aim of minimising impact to native vegetation. We have now selected Vestas as the preferred turbine supplier of the V162-6.0 EnVentus Turbine. The project team has also been progressing with the selection of electrical and civil contractors and the grid connection process. Due to improvements in wind energy technology the Final Project will achieve the same generation capacity with fewer turbines.

EPBC Referral and Assessment

As required by the Environment Protection and Biodiversity Conservation Act (EPBC Act), the Project has submitted a referral which is published on the on the [EPBC Act Public Portal](#). The Project was deemed a **Controlled Action** requiring formal assessment and approval under the EPBC Act. The environmental assessment decision is expected Q2 2024.

Project Status:

Development

Location:

15km north-west of
Dandaragan

Number of Turbines:

Up to 18

Blade tip height:

Up to 180m

Technology:

Wind

You can
read our
referral
here:



Project Design

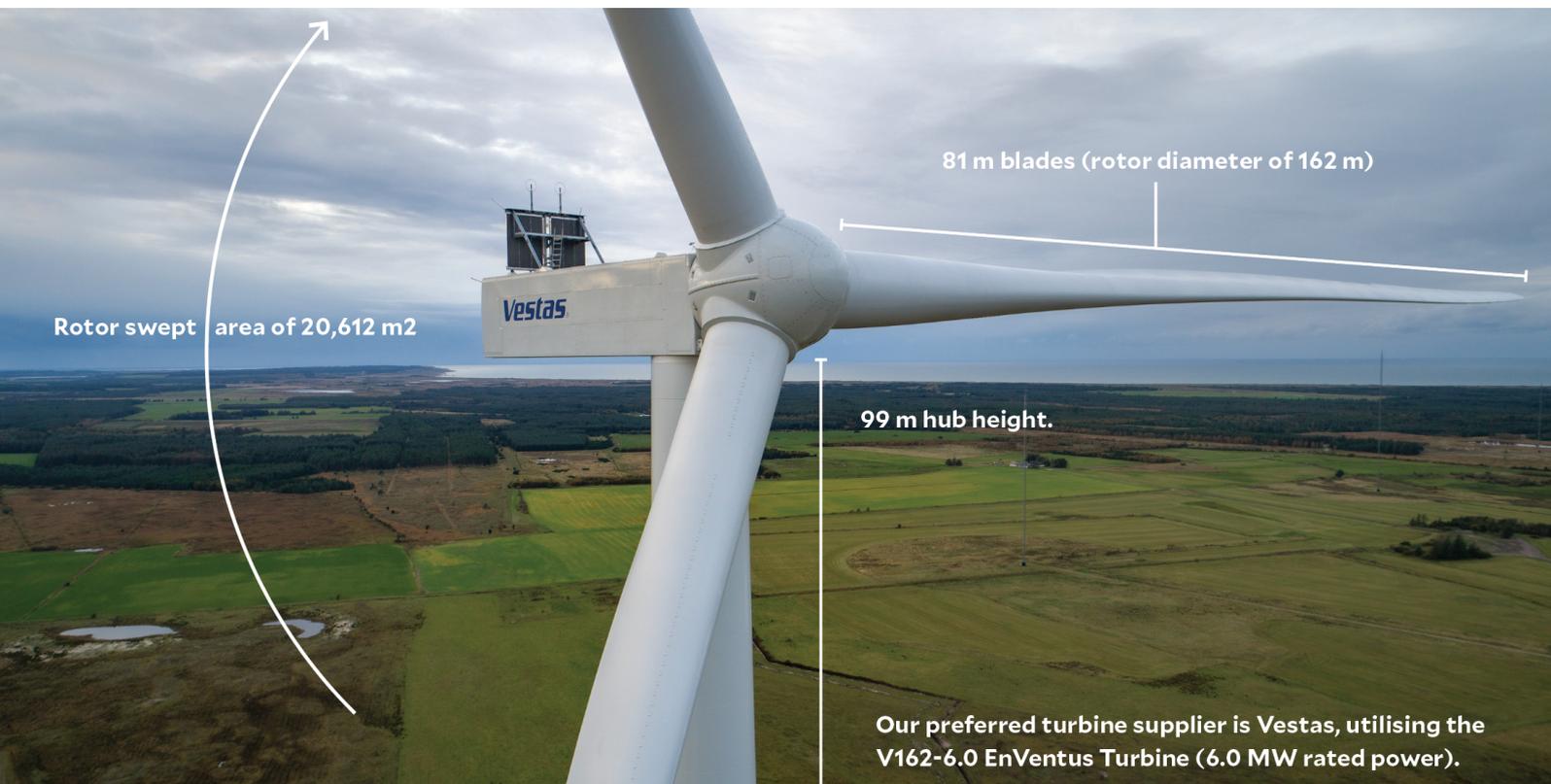
A lot of progress has been made on refining the wind farm layout. The proposed changes to the Project are required to take advantage of recent improvements in wind energy technology. These advances enable significantly more renewable energy to be produced from fewer, larger wind turbines. We propose to maintain the Project’s indicative capacity and proceed with the approved turbine tip height of 180 m, while reducing the number of turbines required, from 57 turbines down to 18.

At this stage, we are working towards making a decision on construction timing in 2024.

We are proposing a further amendment to the Planning Approval for the Wind Farm in Q4 2023 to make minor amendments to allow for the delivery of the Final Project. In addition, refinements to the 132 kV transmission line alignment will be made around Brand Highway to ensure longer term stability of power supply and further reduce impacts to native vegetation.

Final Advancements

Project component	Approved Project	Final Project	Change
Maximum number of wind turbines	Up to 57	Up to 18	Reduction of 39
Turbine tip height	180 m	180 m	No change
Indicative capacity	108 MW	108 MW	No change
Transmission line (poles up to 40 m height)	132 kV line over 8 km	132 kV over 8 km	Section refinements around Brand Hwy
Permanent Met Masts	3	3	No change (3 of 13 options)
Met Mast height	112 m	99 m	13 m decrease



Benefit Sharing

Tilt Renewables will explore community investment opportunities to action during the construction period of the Project and has committed to a community benefit fund that will be implemented when the Project becomes operational. We will engage with the community on an appropriate community representative group and management structure to be put in place when the Project proceeds to construction.

Employment

Construction in the renewable energy sector creates hundreds of jobs on site and thousands of jobs in businesses that supply the Project, directly or indirectly, providing an economic boost for regional communities by increasing demand for local goods and services, such as accommodation, hotels, restaurants and cafes.

The types of jobs created include:

- Accommodation providers
- Competent machine operators
- Concrete suppliers
- Domestic scale electricians
- General labourers
- General stores, pubs, hotels, food service providers
- Quarries
- Transport operators

Goods & Services Register

We are committed to employing local people and buying local wherever possible. To register interest in providing goods or services for any of our Projects, please sign up to our mailing list below.

ARE YOU ON OUR MAILING LIST?



Make sure you are signed up to receive updates by hovering over the QR code. For further information on the Project please contact us at waddiwindfarm@tiltrenewables.com or 1800 WE TILT (938 458).



Meet the Contractor

Connect with our civil (Decmil) and electrical (RJE Global) contractors, to learn about opportunities available for local trades to be involved with the project.

Date:

Wednesday 31st January 2024

Time:

Drop in anytime between
8:30am - 4:00pm

Location:

Dandaragan Community Resource
Centre, 3468 Dandaragan Road,
Dandaragan WA 6507

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

Website: www.waddiwindfarm.com.au

Email: waddiwindfarm@tiltrenewables.com | **Phone:** 1800 WE TILT (1800 938 458)