

Dundonnell Wind Farm

Newsletter
Edition

21

February
2020

At a glance

Project status

Under construction

Maximum capacity

336MW

Location

23km north-east of
Mortlake, Victoria

Investment

\$560m project

Turbines

80 turbines

Blade tip height

189m

Host landholders

12 wind farm host
landholders over
approximately 4500 hectares

Transmission connection

38km of 220kV overhead
transmission line and a
new substation

Project update

The team at Tilt Renewables wishes you a happy new year.

It's a new year and things are well and truly back in motion at the \$560 million Dundonnell Wind Farm.

The heat that hovered over January was not without its challenges, and while we brace for more extreme weather conditions, we would like to take this opportunity to recognise the hard work and resilience of the firefighters and volunteers with the Country Fire Authority, as well as the countless wildlife carers.

The team is progressing with turbine installations, now with a total of 13 turbines installed and another 16 underway. The turbines stand at 189 metres high to the tip of the blade, and have a rotor diameter of 150 metres, making them the largest rotors in Australia.

On site 56 turbine foundations have been poured, 16 more excavations are complete and steel fixing is underway at multiple locations. More than 44 kilometres of access track has been completed, with only 5 kilometres to go, and 36.2 kilometres of cable has been trenched and backfilled.

It is expected that the project will be operational in late 2020.



Transmission line and Blue Gums Substation

The Connection Assets team completed several major milestones since our last newsletter, which means construction of the transmission line and Blue Gums Substation are now complete.

Along the 220kV transmission line, this included the completion of all foundations, poles installed, and stringing of the line.

At the Blue Gums substation, the 500/220kV transformer was commissioned and construction works at the station were completed. Energisation activities were also completed, starting at the Mortlake Terminal Station through to the Blue Gums Substation and along the 38 kilometres of 220kV transmission line up to the connection at the wind farm substation.

A reminder that the line is now complete and therefore should be treated as live. Energisation allows for the start of testing and commissioning of turbines at the wind farm site.

During February and March there will be works to rehabilitate temporary construction areas along the transmission lines (e.g. revegetation around the base of each pole). AusNet Services will be managing these works.

All roads are open again. The team is continuing a maintenance program over the coming month which will include repairing Boonerah-Estate Road.



The team from Downer recently visited Mid-Western Speedway track in Darlington and graded the surface.

AusNet Services

For information about the transmission line or Blue Gums Substation, please contact the AusNet Services project team at: ddwf@ausnetservices.com.au or on 0490 211 787.

Offsite Landscaping Program

We will soon be sending out letters to dwelling owners within five kilometres of a wind turbine, offering eligible dwellings participation in the landscape screening program.

We will be offering eligible dwellings a site visit by Tilt Renewables and a qualified landscape architect to review turbine visibility from their dwelling. If appropriate, a landscape mitigation plan will be developed.

The program will remain open to eligible dwelling owners six months after the wind farm has commenced operating.

Blade Viewing event

Tilt Renewables invites you to view one of the Vestas V152-4.2MW 75m turbine blades which will be installed as part of the Dundonnell Wind Farm.

The blade will be on its way through Woorndoo, on the approved traffic route from the Port of Portland. Once mounted to a hub, it will form part of a 150 metre diameter rotor, making them the largest rotors anywhere in Australia.

The event will take place on
Wednesday 4 March
at the Woorndoo Recreation Reserve
from 4pm – 6.30pm.

The afternoon will provide an opportunity for the public to view the scale of the 75m blades on their way to the wind farm site, while also demonstrate the engineering behind the machinery.

Food and drink will be available by gold coin donation for a charity and Tilt Renewables will be on hand to answer any questions.



Local Road Safety Fund

Together with Moyne Shire Council, Tilt Renewables is helping to fund the improvement works to roads within the Dundonnell community, with a particular focus on crests, narrow bends and trees.

In line with our commitments within the Dundonnell Wind Farm Benefit Sharing Plan, we are pleased to have contributed \$35,000 to the first stage of the estimated \$120,000 road safety project. Moyne Shire Council have commenced the upgrade of Darlington-Nerrin Road as part of this project.



Fire safety

On Wednesday, 22 January, a fire started at approximately 2:30pm on a property about 9 kilometres north-west of the wind farm site.

The north westerly winds were 50 kilometres per hour with gusts of 80 kilometres an hour and were blowing the front of the fire toward the site, in the direction of the site compound and substation.

The site emergency response plan was initiated and the site was evacuated shortly after 3pm. At the request and under the direction of the CFA, a variety of plant and equipment was mobilised and made available to assist the CFA. The CFA response was impressive, approximately 15 vehicles attended the fire along with 3 planes.

The fire was under control by about 4pm. It came within 3 kilometres of the wind farm site and burned about 100 hectares of mostly grass and stands of trees. The winds eased and a front of rain passed through in the evening, assisting them greatly.

The CFA praised the quick action and response of the site management, not only with the evacuation but also in providing water and plant.

Our thoughts are with those who lost their property or stock.

