

August 2017

An update on the Yandin Wind Farm

THE YANDIN WIND FARM



Wind Prospect is pleased to provide an update regarding the Yandin Wind Farm project including its current status, the next steps and the proposed timing for moving the project forward.

The Yandin Wind Farm project is located approximately 4 kilometres south of the township of Dandaragan and approximately 150 kilometres north of Perth in the mid-west region. In January 2012, the Shire of Dandaragan issued planning permits for each of the Yandin Wind Farm and the Waddi Wind Farm, collectively known as the Dandaragan Wind Farms. These two projects are now being progressed separately. This newsletter relates to the Yandin Wind Farm only.

The planning permit for the Yandin Wind Farm provides for the construction of up to 94 wind turbine generators and all associated infrastructure. While it is expected that the project will be progressed in stages, when fully operational, the project is expected to be over 300 MW in capacity.

WHAT'S BEEN HAPPENING?

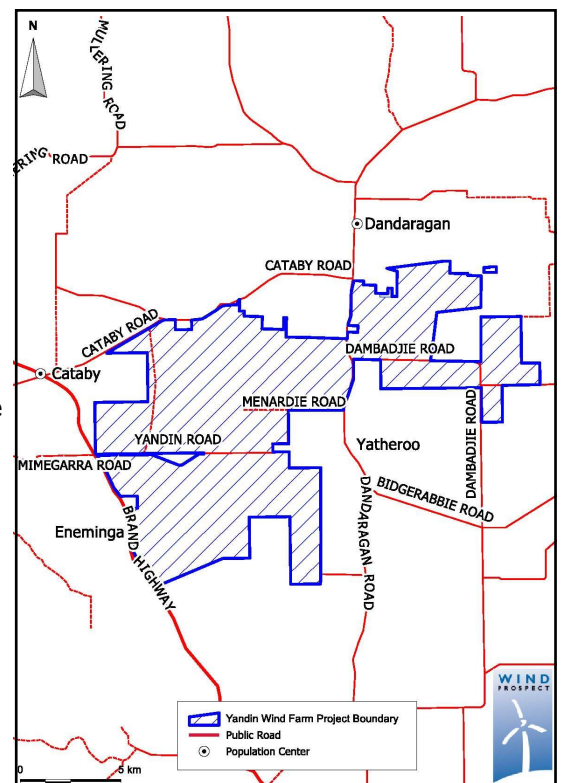
Alinta Energy

Alinta Energy has acquired an interest in the Yandin Wind Farm. Alinta is a privately owned company and a leading Australian energy utility with a generation portfolio of approximately 1,800 MW; around 800,000 combined electricity and gas retail customers; and, over 400 employees. Alinta Energy is committed to reducing the average carbon intensity and improving the efficiency of their generation assets. Large scale renewable generation opportunities like Yandin will complement their flexible gas generation assets to help produce clean, affordable and reliable energy for their West Australian customers.

Proposed Amendments to the Planning Permit

Due to advances in wind turbine technology, ahead of the project proceeding to construction, Wind Prospect will be seeking amendments to the planning permit including:

- ◆ An increase to the maximum allowable tip height of the wind turbine generators (the height from ground level to the highest point of the blade tip of each wind turbine) from 152 metres to 180 metres;
- ◆ An increase to the maximum allowable hub height of the wind turbine generators (the height from ground level to the central point of blade rotation) from 100 metres to 110 metres.
- ◆ A re-alignment of the wind farm overhead transmission line to the west of the Brand Highway. Initially, the line was due to run south westwards and this is to be altered to run directly westwards from the Brand Highway, before connecting into the existing 330kV transmission line at the offsite substation.



WHAT'S BEEN HAPPENING?

Open Days

Open Days will be held in Dandaragan where information will be displayed regarding the proposed amendments to the planning permit and feedback from the local community will be sought. Details are as follows:

Location: **Dandaragan Community Recreation Centre**

Date **31st August 3pm to 7pm**
and Time: **1st September 8:30am to 11:30am**

Economic and Environmental Benefits

The Yandin Wind Farm project will require investment of between \$400 million and \$600 million and take up to 18 months to complete construction. Based on experience at other wind farm projects, the project can be expected to deliver the following economic benefits*:

- ◆ Employ a construction workforce of up to 150 people with each worker spending on average \$25,000 per year in the local area, a total of over \$3.75 million per year flowing into the local economy during construction of the wind farm;
- ◆ Employ up to 10 to 20 people permanently for operations and maintenance, equating to a total of approximately \$250,000 to \$500,000 per year expected to be spent in the local economy;
- ◆ Provide payments to landowners, a proportion of which will flow into the local economy;
- ◆ A Community Benefit Fund, used to advance projects that directly enrich the local community.

* source: <https://www.cleanenergycouncil.org.au/technologies/wind-energy/benefits-of-wind-energy.html>

The Yandin wind farm will save more than 750,000 tonnes of greenhouse gas emissions per year**.

** source: <https://www.cleanenergycouncil.org.au/technologies/wind-energy/benefits-of-wind-energy.html>

Grid Connection

Western Power is progressing an application for the Yandin Wind Farm to connect to the South West Interconnected System.

Website

The website for the Yandin Wind Farm project provides up to date information regarding the project. The project website can be found at www.yandinwindfarm.com.au



View from the Dambadjie Road

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HAVE YOUR SAY



Your opinion matters to us. We would like to hear your views on the proposed amendments to the planning permit. A **Public Opinion Survey** is available at www.yandinwindfarm.com.au.