



NEWSLETTER N. 02
FEBRUARY - MARCH - APRIL 2019

WOOLSTHORPE WIND FARM



1 PROJECT PROGRESS

Evolution of the project and on-going workstreams

CONNECTION & TRANSMISSION STUDIES (On-going)

Enerfin-Ironstone are progressing with the necessary connection studies and power line design with the local network utility, Powercor. A line route survey was expected to be completed by end of April. This will confirm the route and the road reserves that will be used. This is for discussion at the May 2019 CEC Meeting where Powercor will be in attendance.

DEVELOPMENT PLANS (On-going)

All the required Development Plans are being prepared in line with the Woolsthorpe Wind Farm's Development Approval. TV & Radio Reception Interference and Noise surveys have been conducted with finalised reports issued. Consultation in regards to Off-site landscaping plans will be a focus for the coming months..

LANDSCAPE PLANS (On-going)

An Off-site Landscaping Plan methodology has been developed by AECOM and subsequently this will be offered to properties within 4 kilometres of the Woolsthorpe Wind Farm. This plan will first be reviewed and endorsed by the Minister to ensure it adequately addresses the permit condition and appropriately addresses any visual amenity issues for property owners within 4kms. A letter will be distributed shortly asking for interested property owners within 4km to respond in order to begin the consultation and development of the relevant plans.

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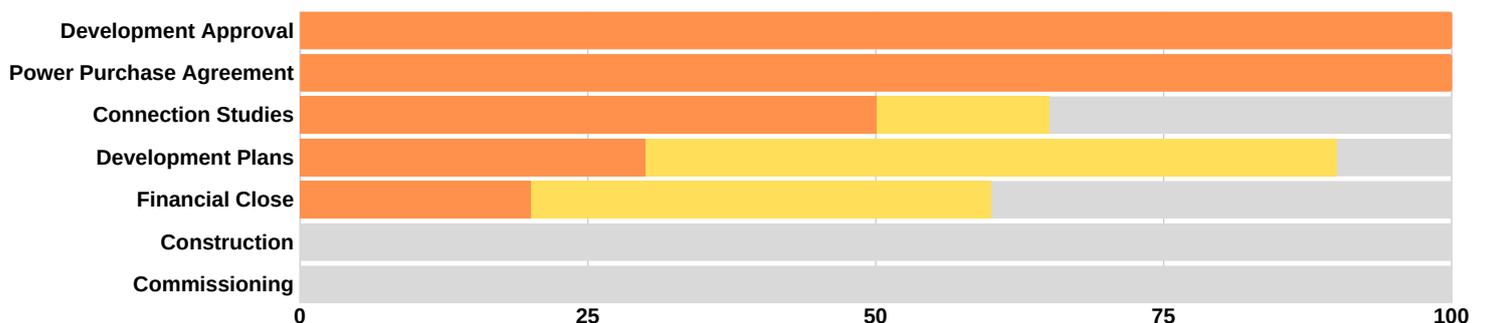
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CONTACT US

www.woolsthorpewindfarm.net

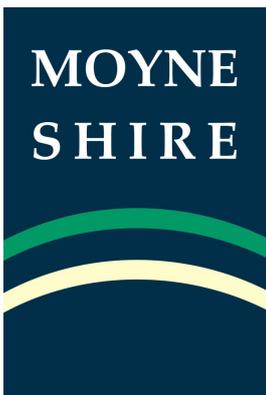


EVOLUTION OF THE PROJECT



2 WHAT'S BEEN HAPPENING?

FEBRUARY



COUNCIL BRIEFING

On Tuesday, 12th of March, Enerfin-Ironstone was invited to the Moyne Shire Council meeting to present a briefing on the Woolsthorpe Wind Farm Project, including:

- Enerfin and Ironstone presentation
- Project background
- Forward timeline
- Status of development plans
- Transmission line design and characteristics
- Proposed community engagement plan and activities

It was the perfect occasion for the Council members to get familiar with the project, get an updated status on the different stages of the development and activities to come, ask questions and receive accurate information from the developers.

MARCH

On Friday, 8th of March, Enerfin-Ironstone held an open visitation day at the Woolsthorpe Community Hall, in which the Woolsthorpe community and residents had an opportunity to meet the project owners, learn about it's development, as well as share some quality time with the team involved on the development.

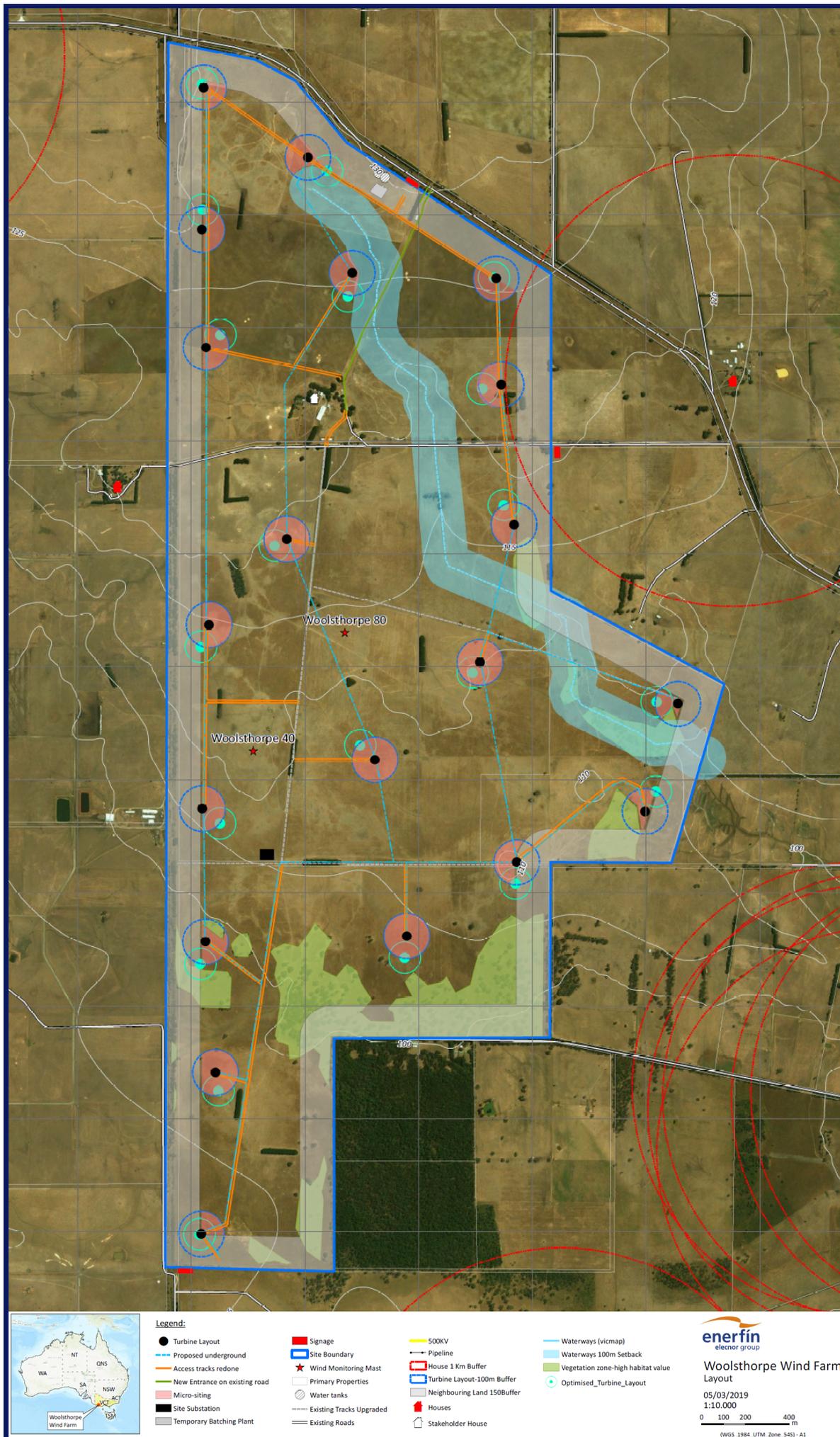
It was the perfect occasion to get familiar with the project, get an updated status of the development stages, ask questions and receive accurate information from the team members.

We know that due to Labour Day on the 11th of March, many people might have been unavailable to attend the Open Day on Friday the 8th, nevertheless, as we move closer to construction, we will be hosting more events like this to provide opportunities for everyone interested to get acquainted with the project and the people involved in it. More information about the Woolsthorpe Wind Farm can be found on it's website (www.woolsthorpewindfarm.net) where there's also a "Contact Us" tab to send your message and queries to us, as the project owner.



In the picture from left to right: Mark Thompson (Woolsthorpe Wind Farm), Lisette Mill (Basalt to Bay Landcare Network) and Graeme Broderick (Community Representative).

3 SITE AND TURBINES LAYOUT



*Site layout is subject to change up until construction commencement, however this is largely representative of the likely site layout when constructed.

4 MEET THE CONTRACTOR

Siemens Gamesa is a leading supplier of wind power solutions to customers all over the globe. A key player and innovative pioneer in the renewable energy sector, they have installed products and technology in more than 90 countries, with a total capacity base of over 89 GW and 23,000 employees.

Siemens Gamesa offers one of the industry's broadest product portfolios, with both offshore and onshore technology as well as industry-leading service solutions. The company was created in 2017 by the merger of Siemens Wind Power and Gamesa.

Leading the way forward in the renewable energy sector, Siemens Gamesa provides cleaner, more reliable and more affordable wind power. Their scale, global reach and proven track record ensure that they will play a central role in shaping the energy landscape of the future.

We are delighted to have such a reputable contractor and technology provider onboard to deliver the our wind farm to highest standard. Their professionalism and quality of product will be a benefit to both the project and community as a whole.

5 FREQUENTLY ASKED QUESTIONS

What is the life cycle for Woolsthorpe Wind Farm?

Enerfin-Ironstone estimates that the wind farm will operate 30 years.

How is the energy in the wind captured?

Wind turbines, like aircraft propeller blades, turn in the moving air and power an electric generator that supplies an electric current. Wind turbines are often grouped together into a single wind power plant, also known as a wind farm, and generate bulk electrical power.

Are there safety hazards associated to wind turbines?

Unlike most other generation technologies, wind turbines do not use combustion to generate electricity, and hence don't produce air emissions. The only potentially toxic or hazardous materials are relatively small amounts of lubricating oils and hydraulic and insulating fluids. Therefore, contamination of surface or ground water or soils is highly unlikely.

What is a wind turbine made of?

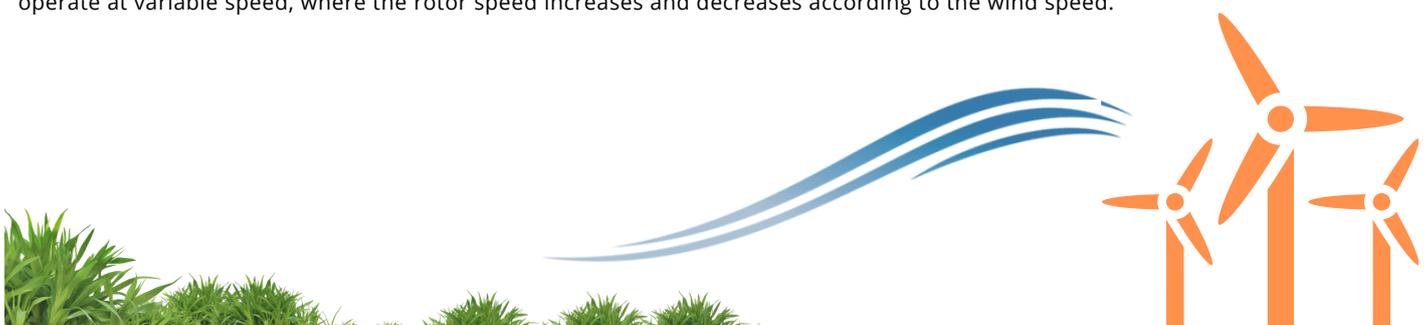
The towers are mostly tubular and made of steel or concrete, generally painted light grey. The blades are made of fibreglass, reinforced polyester or wood-epoxy. They are light grey because it is inconspicuous under most lighting conditions. The finish is matt, to reduce reflected light.

Why do some of the turbines in a wind farm sometimes stand still?

Turbines sometimes have to be stopped for maintenance, for repairing components or if there is a failure that needs to be checked. Another reason can be too little or too much wind: if the wind is too strong, the turbine needs to be shut down because it could be damaged.

How fast do the blades turn?

The blades rotate at anything between 15-20 revolutions per minute at constant speed. However, an increasing number of machines operate at variable speed, where the rotor speed increases and decreases according to the wind speed.



Wind power offers a sustainable option in the pursuit of renewable energy.

Thanks to global efforts to combat climate change, such as the Paris Agreement, renewable energy is seeing a boom in growth, with wind energy leading the way, since wind is a clean source of renewable energy that produces no air or water pollution.