Construction of the Moorabool North wind farm has now begun.

Zenviron have started on the initial stage of works which sees our crews beginning to establish the construction compound and access tracks. This will allow foundation excavations to commence. Construction activity will be focused on the western side of the Ballan-Meredith Rd in this initial stage and will move to the western side of the Moorabool river later in the year.

Wind turbine components (tower sections, blades etc.) for the 50 turbines will begin to arrive to site early in 2019.

Offsite public road upgrades at the Geelong Ballan Rd/Ballan Mt Egerton Road are now complete. Thank you for your patience during the implementation of reduced speed limits.

Transmission Line

Construction of the transmission line from the wind farm to the Elaine Terminal Substation has begun.

The 132kV overhead line extends for approximately 30km. BEON are undertaking the construction and to date approximately 2/3 of the poles have been installed.

Tower and power line installation is subject to weather conditions, but is expected to be complete by the end of the year.

Power poles have heights of between 20-26m depending on their location. Poles will be spaced between 100 and 240m apart, to minimize ground disturbance along the route. Poles are steel construction and the metal will dull over time.

The powerline will carry two circuits between Elaine Terminal Station and the Ballark wind farm section, and a single circuit between the Ballark and Bungeeltap sections.

The pole locations and heights, and the conductors, are arranged so they meet minimum height and vegetation clearances in accordance with Australian Standards, relevant project approvals, and standard industry practices.
Landscape and Visual Screening Program

Owners of dwellings within 4km of the Moorabool North Wind Farm turbines are invited to submit expressions of interest for the landscape and visual screening program. This is a requirement of the Planning Permit to assist those closest neighbours in reducing the potential visual impacts of the project.

Please contact us for further details.

Traffic Updates

To register to receive the weekly text message notifications on traffic and road usage throughout construction, text your full name to 0418 975 014 or contact us via any of the methods listed below.

A Moorabool Wind Farm Traffic Website, www.mwftraffic.com will also be available in the near future. This can be accessed via your computer/tablet/smart phone and will also be available continuously on TV’s at:

- Crossroads Trading
  461 Old Melbourne Road Ballan
- Elaine Farm Supplies
  5264 Midland Highway Elaine
- Moorabool Wind Farm Information Centre
  152 Inglis Street Ballan

Local Business Participation Program

Approximately 200 representatives from local businesses attended a supplier information briefing in Ballan on the 5th June, coinciding with World Environment Day.

Attendees heard from project owners, Goldwind Australia, who will provide Engineering, Procurement and Construction (EPC) services for the project, and Zenviron who were recently awarded the Balance of Plant contract.

The aim of the program is to maximise the opportunities for local subcontractors and suppliers.

Moorabool South

The Minister for Planning has endorsed the Development Plans for Stage 2A and 2B of Moorabool South wind farm with a blade tip height of 171m. Stage 2C of the project is expected to be endorsed in the near future.

Detailed Design work of the 57 turbines is underway. The layout is as permitted (see layout plan on the website). There may be some movement of access tracks and turbines during detailed design phase of the works. All changes are within the limits allowable under the Planning Permit, and no significant change in the turbine locations are being implemented at this time.

Sponsorship

Moorabool Wind Farm has had the pleasure of sponsoring several local community groups over the last 12 months and we wish them every success with their ventures.

Applications for Sponsorship are now open. To make an application, please visit the sponsorship section of the website, and download the application. Applications close 31st July. Allocation of sponsorships will be advised by 31st August 2018.
Ballan Autumn Festival

A big Thank You to all who visited the Moorabool Wind Farm Stall at the Ballan Autumn Festival in March and blended themselves a delicious fruit smoothie!

The day was a great success despite the challenging weather conditions. The overall sentiment from the community was overwhelmingly positive, with some close neighbours to the project calling in to say hello.

A special mention to Lee Gleeson, our Community Reference Group Chair, for giving up his time to be at the Moorabool Wind Farm Stall. Moorabool Wind Farm looks forward to next year’s festival and continuing to support such an important community event.

Welcome to Julie Dargan

New Local Representative for Moorabool Wind Farm

Julie Dargan has been appointed to the role of Local Representative and will be based at the Information Centre at 152 Inglis Street, Ballan, Wednesday to Saturday 9am to 1pm. Julie is a Ballan local and involved with a number of community groups. We welcome Julie to the role at this exciting stage as the project moves into construction.

Moorabool Wind Farm would like to thank Rose de la cruz for her dedication and hard work over the last 18 months in the lead up to construction and wish her all the best for her retirement. Good Luck Rose!

Contact Us

For further information please contact:

Freecall: 1800 019 660
M:0472 832 552
E: info@mooraboolwindfarm.com

Information Centre:
152 Inglis Street, Ballan,
Wednesday to Saturday 9am to 1pm
www.mooraboolwindfarm.com

Traffic Website:
www.mwftraffic.com
(coming soon)

Information is also available at:

• The Aussie Bush Telegraph café at the rear of the 5266 Midland Highway, Elaine. The owner Kate Banner is happy to feed questions or information from the community members back to the Moorabool Wind Farm team.

• The Back Creek Café, 1/27 Staughton St, Meredith

Community Reference Group (CRG)

The CRG is a valuable tool to disseminate information about the project to members of the community and to receive feedback. The next Community Reference Group meeting will be held on the 21st August at Mount Wallace Hall at 6.30pm.

The 12 members of the CRG are:
Kate Banner - Elaine
Mark Conlan – Ballan
Mick Conroy – Ballan
John Fish - Mt Wallace
Lee Gleeson (Chair) - Mt Wallace
Joy Geoghegan – Ballan / Mt Egerton
Ann Hardwick – Ballan
David Hookey – Ballan
Karen Marsh – Mt Wallace
Moorabool Shire Council
Matt Muldoon – Ballan / Mt Egerton
John Zainer – Morrisons

Minutes of each meeting will be made available on the Moorabool Wind Farm website.

Factsheets

A range of project specific factsheets are now available to download from the Moorabool Wind Farm website.

http://mooraboolwindfarm.com/the-project/factsheets/

They will also be available in the Information Centre or by contacting Moorabool Wind Farm via the phone numbers or email under Contact Us (left).
Wind Energy Projects in Moorabool Shire

For more information about each individual project please contact the relevant wind farm:

Lal Lal Wind Farm  
Macquarie Capital  
1800 187 183  
www.lallalwindfarms.com.au

Moorabool Wind Farm  
Goldwind  
1800 019 660  
www.mooraboolwindfarm.com

Yaloak South Wind Farm  
Pacific Hydro  
1800 730 734  
www.pacifichydro.com.au
107 turbines to be constructed (NORTH 50, SOUTH 57)

CONCRETE 560m³ per turbine (up to 1300t)

The SWEEP AREA of the blades is 14,690m² which is the equivalent to 56 tennis courts

Total Energy Generation is up to 321MW. This equates to up to 200,000 average VIC homes which is approx. 9% of Vic homes

OPERATIONAL WIND SPEED
2.5m/s (10kph) to 20m/s (77kph)

TIP HEIGHT 171m

TURBINE MODEL GW136

HUB HEIGHT 100m

TOTAL TURBINE WEIGHT 590t

HUB
length 5.3m
weight 42,000kg

NACELLE
length 10.1m
weight 42,000kg

GENERATOR
length 5.7m
weight 89,000kg

BLADE
length 68.2m
weight 20,000kg each

STEEL 55 tonnes in each foundation

55km ACCESS TRACKS

TOP SECTION
L: 25m  W: 4.2m
H: 4.2m  Wgt: 50.6t

SECTION IV
L: 24.4m  W: 4.6m
H: 4.6m  Wgt: 59.6t

SECTION III
L: 18m  W: 4.6m
H: 4.6m  Wgt: 59.9t

SECTION II
L: 14.2m  W: 4.6m
H: 4.6m  Wgt: 64.8t

BOTTOM SECTION
L: 16.1m  W: 4.6m
H: 4.6m  Wgt: 104.9t

CONCRETE 560m³ per turbine (up to 1300t)