Moorabool North Wind Farm

Progress to date
- Construction has been completed on all access tracks, hardstands and foundations
- Substation works complete, awaiting energisation
- HV cable reticulation has been completely installed, 110km
- 330 turbine components delivered to site
- Installation of 7 turbines complete

Look ahead
- Energisation of substation
- Continued road maintenance
- Continued electrical and mechanical fit-out of each turbine
- Continued turbine component deliveries including to the western section of the project
- Continued turbine erection and commencement of commissioning

Moorabool South Wind Farm

Progress to date
- All access tracks complete to base level – 28km
- 54 foundation concrete pours completed - 100% complete
- Substation works complete, awaiting energisation
- 42 Kiosks set in place
- Cabling works have commenced

Look ahead
- Continuation of backfilling and hardstand construction works
- Energisation of substation
- Continuation of cable laying
- Continued Kiosk (turbine transformer) deliveries
- Continued road maintenance
- Turbine deliveries and installation expected to start late September

Construction activity traffic is focused on Mt Wallace Ballark Road and Ballan Meredith Road, Bungeeltap South Road and at the wind farm entrance on the Geelong Ballan Road.
Goldwind to power Australia’s largest plastics recycling plant

On 3rd July Goldwind announced it has entered an agreement with Advanced Circular Polymers to provide renewable energy for Australia’s largest plastics recycling plant in Somerton Victoria.

Power for the recycling plant will be provided by Goldwind’s Moorabool Wind Farm project.

The recycling plant, which has been part-funded by the Victorian Government, will transform large quantities of low-value contaminated mixed plastics from households into high-quality commodities that can go directly into the manufacture of new products.

“We are extremely pleased to have entered into a partnership with this custom-designed plant featuring cutting edge technologies for resources utilisation. Goldwind will deliver the renewable energy for the recycling plant from our Moorabool Wind Farm project. There’s a great fit between Goldwind’s mission of innovating for a brighter tomorrow and the innovative sustainable solution provided by Advanced Circular Polymers.

“Recycling powered by renewable energy is a real step towards sustainability and will make a significant contribution towards Australia’s transition to a clean, renewable future” commented John Titchen, Managing Director Goldwind Australia.

Speed Limit Reduction

- The Speed limit on sections of the Ballan Meredith Road and Ballan Egerton Road have been reduced to 80km/h until further notice.
- The speed limit on Mount Wallace Ballark road has been reduced to 80km/h.

These changes have been implemented with Moorabool Shire Council to ensure the safety of all road users during construction. These speed limits are now in operation and being enforced.

Turbine Component Deliveries – Moorabool North

Oversize deliveries of wind turbine components will continue at Moorabool North wind farm until late August 2019.

Oversize loads include, Blades, Nacelle, Hub, Generators and Tower sections. Deliveries will be utilising different routes to site. These include:

- From the Western Highway and travelling south along Geelong Ballan Road,
- Travelling north from Geelong on the Geelong Ballan Road through Anakie.

The components will then travel to the relevant access points via the Ballan Meredith Road and Ballan Egerton Road.

Road Safety

Goldwind places a high importance on road safety for all road users and acknowledges the inconvenience that encountering oversize deliveries may cause. All loads will travel in accordance with the relevant permit conditions and be accompanied by pilot vehicles and in some cases, police escorts.

For up to date information on deliveries please register to receive regular SMS notifications by texting your name to 0418 975 014.

Ongoing road maintenance is taking place in the vicinity of the wind farm. Regular inspections are conducted on public roads being used by wind farm delivery traffic. Areas which may present a safety concern are flagged and temporary reduced speed limits put into operation. Temporary or permanent repairs are being undertaken as soon as practicable.

Transmission Line

Transmission line construction is now complete. The Elaine terminal station has now been energised. Energisation of the transmission line is currently taking place.

Crane Lighting

The main installation crane at Moorabool North wind farm is fitted with an aviation warning light. This is operational at all times.

CEC Wind Farm Open Day

The Clean Energy Council is supporting Wind Farm Open Day again this October.

Moorabool North Wind Farm will be offering tours of the completed sections of the wind farm.

This event will be free but will be a ticketed event and interested community members must register. More details on the date and time will be advertised closer to the event.
Moorabool South Wind Farm

Turbine Component deliveries

Oversize deliveries of wind turbine components are expected to begin in September 2019 and continue at Moorabool South until February 2020.

Oversize loads include Blades, Nacelle, Hub, Generators and Tower sections. Deliveries will be utilising several different routes to site. These include:

- Western Highway travelling south along Geelong Ballan Rd to site
- Travelling north along the Geelong Ballan Road to site.

Loads will then travel along Ballan Meredith Road, Bungeeltap South Road, Mt Wallace Ballark Road or Egerton Ballark Road to access site.

**LOADED OVERALL TRAILER SPECs**

<table>
<thead>
<tr>
<th>Component</th>
<th>Length (m)</th>
<th>Width (m)</th>
<th>Height (m)</th>
<th>Weight (tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tower components</td>
<td>26 - 40</td>
<td>4.3 - 4.6</td>
<td>5.2 - 5.35</td>
<td>Up to 160 tones</td>
</tr>
<tr>
<td>Blades</td>
<td>78</td>
<td>4.4</td>
<td>5.2</td>
<td>62.5 tonnes</td>
</tr>
<tr>
<td>Generator</td>
<td>27</td>
<td>5.4</td>
<td>4.6</td>
<td>120 tonne</td>
</tr>
<tr>
<td>Nacelle</td>
<td>26</td>
<td>4.5</td>
<td>5.2</td>
<td>73 tonne</td>
</tr>
<tr>
<td>Hub</td>
<td>26</td>
<td>5.1</td>
<td>5.2</td>
<td>73 tonne</td>
</tr>
</tbody>
</table>

Deliveries will occur Monday to Saturday

**Goldwind Blade transport at Waurn Ponds**

**Key delivery facts:**

- 11 oversize loads per turbine
- 33 oversize loads p/week (approx)
- 594 oversize loads in total

Loads are scheduled to travel from the Geelong Port to Moorabool South Wind Farm between 12am - 6am
First Generation at Moorabool North is anticipated to commence soon

Energisation of the site demonstrates the achievement of a key project milestone for Moorabool Wind Farm.

The on-site team have been working hard to undertake the final commissioning works, now these are complete, electricity will soon be exported to the National Grid.

Therefore, over the coming weeks, you may see the blades of the turbines at Moorabool North wind farm begin to rotate and generate clean electricity.

Moorabool wind farm has produced a Factsheet outlining the Noise Compliance Testing Process that will occur once the wind farm is operational. This can be obtained from our website or by using the contact details provided.

The Moorabool Wind Farm team aims to keep local disruption to a minimum and apologises if construction activities cause any inconvenience.
Community Sponsorship Program Update

Some recent highlights for Moorabool wind farm included the Winter Knits Walk. The walk finished with a complimentary hearty meal of soup and bread sponsored by MWF.

Ballan Primary School updated their play area for the Grade Prep to 2.

Mt Egerton Hall replaced the back door and the flooring in the kitchen. The hall is in fantastic condition due to the diligence of the local community and is well utilised by the community which is great to see. The hall is over 100 years old and well worth the visit.

Ballan & District Preschool created a Mindfulness space at the front of the Kinder so as the Children can connect and meditate in this area.

Ballan Historical Society Re-printing book celebration. Moorabool Wind Farm sponsored the reprinting of the Pictorial History of Ballan Shire.

Community Reference Group – Expressions of Interest

Moorabool Wind Farm is seeking expressions of interest from community representatives to serve on the Community Reference Group (CRG). In selecting community representatives, preference will be given to candidates who can represent the concerns of a variety of interest groups.

To submit an expression of interest please complete the online form via the website or contact us for an email version at info@mooraboolwindfarm.com

Applications close on Thursday 15th August 2019 at 5pm.
Community Blade Viewing Event

The day was a huge success with hundreds of interested members of the community visiting and signing one of the blades of Moorabool North, Turbine Number 2.

Members of the team were on hand to talk with visitors and answer questions. A big THANK YOU to everyone who visited and made the day a triumph.

The Blade was visited by over 200 members of the local community and by 6 Local Primary Schools. All students were provided with a Moorabool Wind Farm Schools Info Pack. This is available to download from the Moorabool Wind Farm Website: [www.mooraboolwindfarm.com/the-project/factsheets](http://www.mooraboolwindfarm.com/the-project/factsheets)

Contact Us

For further information please contact:

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

Information Centre:
120 Inglis Street, Ballan,
Wednesday to Saturday 9am to 1pm
M: 0459 895 912
[www.mooraboolwindfarm.com](http://www.mooraboolwindfarm.com)
Traffic Website: [www.mwftraffic.com](http://www.mwftraffic.com)

Complaints

Please use the contact details left to make a complaint regarding Moorabool wind farm. Our Complaints Handling Process can be found on the Moorabool web site:

[www.mooraboolwindfarm.com](http://www.mooraboolwindfarm.com)

If your complaint is related to road use, please provide information on the date, time, truck licence plate, location etc. This will allow us to investigate the complaint effectively and in a timely manner.