

COMMUNITY Update

October 2019



Moorabool North Wind Farm

Progress to date

- Construction has been completed on all access tracks, hardstands and foundations
- Substation works complete, awaiting energisation
- Cable reticulation installation complete
- 460 turbine components delivered to site
- Installation of 17 turbines complete

Look ahead

- Energisation of substation
- Continued road maintenance
- Continued electrical and mechanical fit-out of each turbine
- Completion of all turbine component deliveries
- Continued turbine erection and commencement of commissioning

Moorabool South Wind Farm

Progress to date

- All access tracks complete to base level
- 54 foundation concrete pours completed - 100% complete
- Substation civil works complete
- All Kiosks (turbine transformers) delivered

Look ahead

- Continuation of backfilling and hardstand construction works
- Energisation of Substation
- Continuation of cable laying
- Continued road maintenance
- Turbine deliveries have begun



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**.

MOORABOOL Wind Farm



CLEAN ENERGY OPEN DAY

SUNDAY 27 OCTOBER



**Moorabool Wind Farm will be open for
minibus tours departing from the Information
Centre at 120 Inglis Street, Ballan.**

**THIS IS A FREE EVENT, HOWEVER,
BOOKINGS ARE ESSENTIAL AND PLACES ARE LIMITED**

<https://www.eventbrite.com.au/e/cec-clean-energy-open-day-moorabool-wind-farm-tickets-69158142867>

Your entire family is welcome to attend
a tour of the wind farm and enjoy the free entertainment
and refreshments at our Information Centre.

**Sunday October 27th 2019,
10am - 2pm - 120 Inglis Street, Ballan.
Bookings are Essential.**

For further information
please contact us at 1800 019 660 or
info@mooraboolwindfarm.com



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 South

Oversize deliveries of wind turbine components have begun at Moorabool South wind farm. These are expected to continue into February 2020.

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 wind farm access points



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

The 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.

Turbine Component deliveries

Moorabool South Wind Farm

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				
Component	Length (m)	Width (m)	Height (m)	Weight (tonnes)
Tower components	26 - 40	4.3 - 4.6	5.2 - 5.35	Up to 160 tonnes
Blades	78	4.4	5.2	62.5 tonne
Generator	27	5.4	4.6	120 tonne
Nacelle	26	4.5	5.2	73 tonne
Hub	26	5.1	5.2	73 tonne

Turbine transport routes

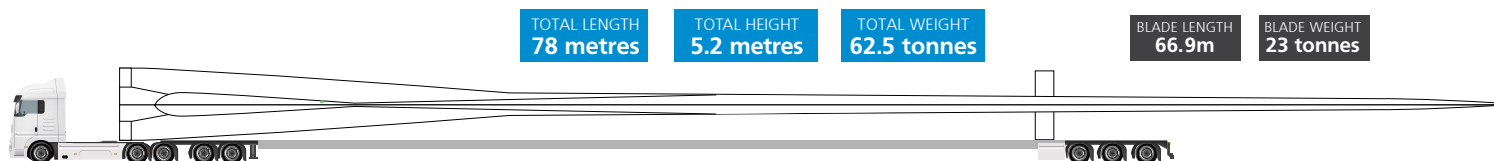
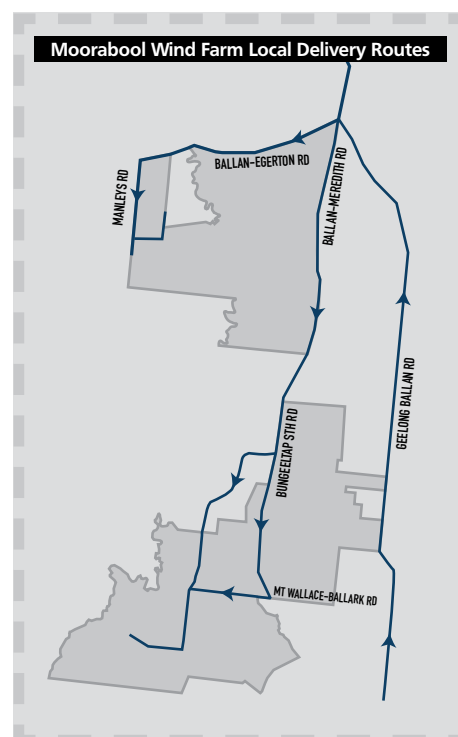
Route 1: Geelong Port to Moorabool Wind Farm
(Blades, Mid Upper and Top tower Sections, Hub and Nacelle)



Route 2: Geelong Port to Moorabool Wind Farm
(Base, Mid Lower and Mid tower sections, Generator)



Loads are scheduled to travel from the Geelong Port to Moorabool South Wind Farm between 12am - 6am



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

Information can also be found at:

- > www.mooraboolwindfarm.com
- > 1800 019 660
- > info@mooraboolwindfarm.com
- > 120 Inglis Street, Ballan

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

Community Sponsorship Program Update

Students at Gordon Primary School were presented with a model turbine after completion of their domestic use wind turbine at the school. A fantastic project by the Student Council and the beginning of a much larger project for the school. Well done to all involved!



Moorabool Wind Farm is pleased to Co-Sponsor the Ballan and District Chamber of Commerce Business Excellence Awards and look forward to the Gala Dinner and announcement of the winners later this month.



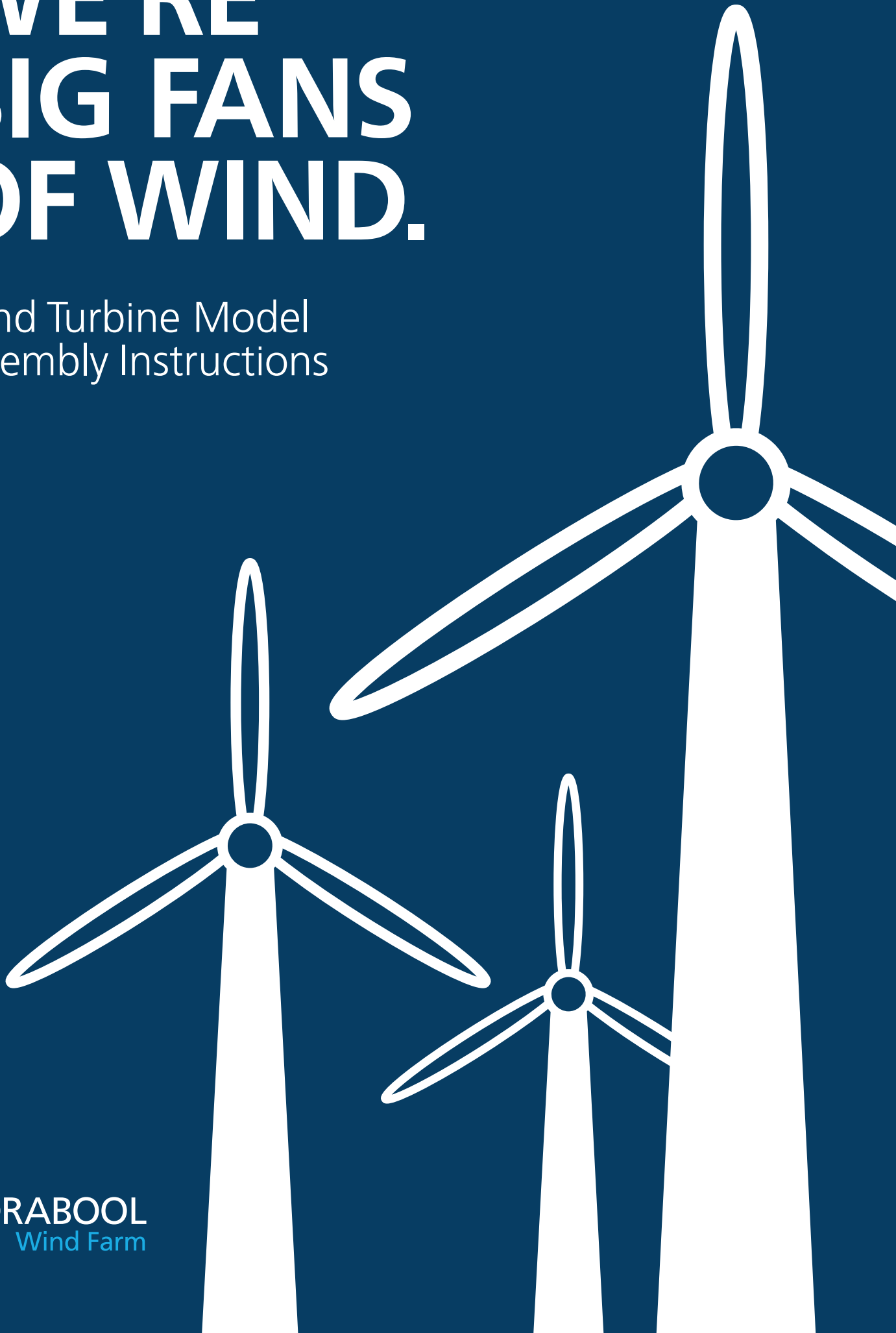
Moorabool Wind Farm Community Fund

The first Round of the Moorabool wind farm Community Fund is anticipated to be open in March 2020. Guidelines will be released towards the end of the year and workshops will be held locally in early March for interested Community Groups.



WE'RE BIG FANS OF WIND.

Wind Turbine Model
Assembly Instructions



MOORABOOL
Wind Farm

Wind Turbine Model Assembly Instructions.

How to build your own wind turbine.

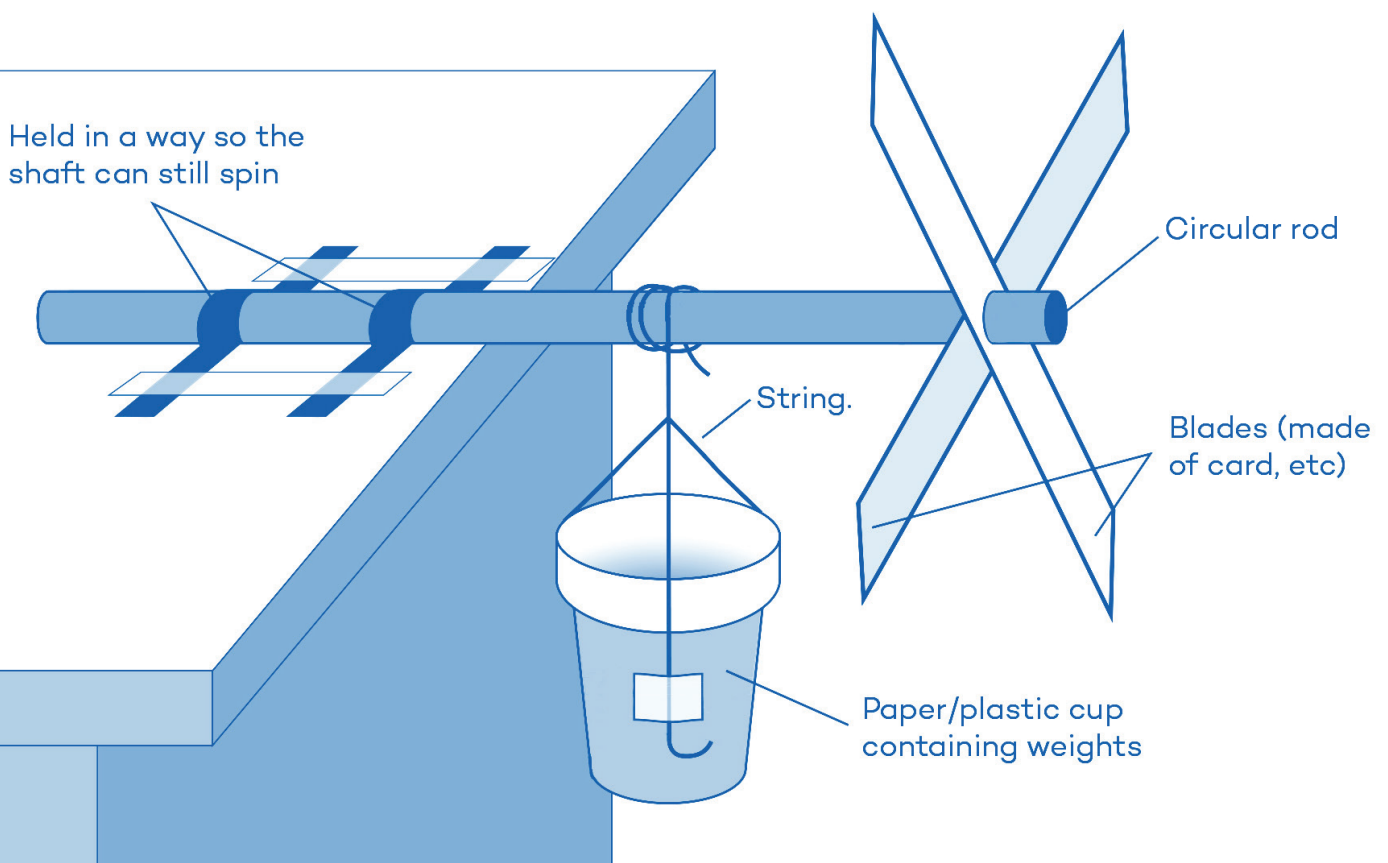
Design and build your very own wind turbine capable of lifting a cup off the floor up to bench height with just the power of the wind!

Use the diagram below to help design your turbine. But remember, you're the engineer! So get creative and experiment with materials, weights and blade shapes! How quickly can you get your wind turbine to spin?

Things you'll need:

- Paper card or cardboard
- Sticky tape and/or masking tape
- Thin circular rod (like a pencil)
- Scissors
- String
- Paper or plastic cup
- Paperclips (weights to put in the cup)
- Any other materials you'd like to use!

Note: You'll also need a hairdryer to make the wind!



Complaints

Please use the contact details below to make a complaint regarding Moorabool wind farm.

Our Complaints Handling Process can be found on the Moorabool web site. 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.

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, Wed to Fri 9am to 12pm, Saturday's by appointment only, 0459 895 912
- **Web:** www.mooraboolwindfarm.com
- **Traffic Website:** www.MWFTRaFFic.com



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