



BANGO WIND FARM

HEAD OF
CONSTRUCTION

CONSTRUCTION
UPDATE

FAQS

COMMUNITY

WELCOME TO SPRING

A LITTLE DAMP AND STILL A LITTLE COLD – BUT WITH THE DAYS GETTING LONGER, WE WILL ALL HOPEFULLY BE ABLE TO ACHIEVE MORE OUTSIDE.

Like everyone, CWP Renewables is keeping a close eye on the ever-changing COVID-19 situation and is working hard to keep our workforce and the community safe.

Construction on site has been progressing well and more turbines have been completed ready for testing and becoming operational.

Rehabilitation of the site is taking place progressively. As construction activities are completed, our environment team work with property owners and contractors to ensure disturbed areas are rehabilitated.

One of the enjoyable aspects of building this type of critical energy infrastructure is the people who you meet, and there are a number of very interesting people here on this project. Read on and find out more.

DR. BRENDAN MCAVOY
Head of Construction

46

TURBINES

608K

EXPECTED TONNES OF
EMISSIONS AVOIDED

120K+

HOMES POWERED

CONSTRUCTION UPDATE

BANGO WIND FARM NOW HAS:

- 22 wind turbine towers fully constructed, including 10 which are exporting energy to the grid.
- 7 wind turbine towers built and awaiting blades.
- 14 wind turbines with the first two tower sections installed.

Commissioning and hold point testing of the units continues. Site tracks are completed with rehabilitation progressively taking place.

THE NEXT THREE MONTHS WILL SEE:

- Lifting and installation of tower sections, nacelles, blades, and other large turbine components.
- Progressive energisation of wind turbines.
- Further commissioning and hold point testing of turbines in the western and eastern clusters.



Bango Wind Farm western cluster where lifting of components is nearing completion.

PROJECT TIMELINE





FAQS

WHAT IS BIODIVERSITY OFFSETTING?

A biodiversity offset is the protection of native biodiversity values within a landscape, whether it be habitat for a particular species or a vegetation type. When a development impacts those biodiversity values, that impact needs to be offset (negated) by protecting and improving similar biodiversity values on another site which is not subject to development. The primary purpose of offsetting is to facilitate development in an environmentally sustainable manner, and to ensure development does not have unacceptable impacts on native ecosystems and species.

Bango Wind Farm has been designed and constructed in accordance with project approvals to avoid and minimise the impacts to biodiversity values as far as practicable. Where impacts to biodiversity could not be avoided, Bango Wind Farm has committed to offsetting those impacts in accordance with the NSW Government's [Biodiversity Offsets Scheme](#).

Bango Wind Farm is meeting its biodiversity offsetting commitments in a number of ways, including by establishing a biodiversity stewardship site.



A biodiversity stewardship site is an area of land managed to conserve and improve biodiversity values such as native vegetation stands and threatened species habitat. The land is protected in perpetuity. Biodiversity on the stewardship site is improved through ongoing actions such as fencing, weed control, pest control and planting of native shrubs and trees.

The [Biodiversity Conservation Trust website](#) contains a range of resources and information for landholders who are interested in biodiversity conservation and offset programs.

WHAT ARE WIND TURBINE AVIATION LIGHTS?

Certain flying operations involve lower than normal flying, such as aerial agricultural spraying, aerial mustering, power line inspections and air ambulance flights.

During the day, wind turbines are clearly visible but not at night or during periods of low visibility. The Civil Aviation Safety Authority (CASA) requires some wind turbines be equipped with aviation lights to alert pilots flying at low altitude to the presence of turbines.

As required by CASA, lighting on wind turbines is being installed:

- on nacelles to provide an unobstructed view for aircraft approaching from any direction.
- to identify the perimeter of the wind farm.
- to flash simultaneously.

To minimise the visual impact on the environment, the final obstacle lights may be partially shielded (where they do not compromise their operational effectiveness).



BANGO IN THE COMMUNITY

TUPPENCE THE ORPHAN TURBINE

Keep reading Tuppence the [Orphan Turbine](#). [Chapter 5 – Windmill History](#) is now available.

IMPERIAL STORMTROOPER 'STORMS' BOOROWA ROTARY

By day he is a mild-mannered Site Manager. By night he becomes a first-rate fundraiser as a Star Wars Storm Trooper!

Mark Pressland, GE's Site Manager at Bango Wind Farm, enthralled Boorowa Rotary members at a (pre-lockdown) social night, with his stories of fundraising as a Stormtrooper of the Redback Garrison – 501st Legion.

The Redback Garrison was officially formed in 2007 and is made up of volunteers who give up their time and dress up in genuine Star Wars costumes in order to raise donations and draw attention to a variety of charities. Much the same as Rotary does.

A number of Rotarians and guests had the opportunity to wear a Stormtrooper helmet – quite an experience.

The 501st Legion never charges a fee for an appearance, but they accept donations to a charity in honour of the local Legion unit. Most importantly, they have a lot of fun bringing smiles to the community and to those who most need it.



Stormtrooper Mark with Boorowa Rotary President, Ilze Myburgh.

FOR THE KIDS

Make your own simple wind turbine that can lift a cup off the floor up to table height.

[Download your instructions.](#)

PLEASE GET IN TOUCH USING THE CONTACT DETAILS BELOW.

CONTACT US

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