

BODANGORA WIND FARM COMMUNITY NEWSLETTER

APRIL 2018

The Infigen logo consists of the word "infigen" in a white, lowercase, sans-serif font, positioned in the bottom right corner of a square graphic with a purple-to-black gradient.A large photograph showing a white wind turbine under construction against a clear blue sky. A red lattice crane is positioned next to the turbine, with yellow lifting equipment attached to its horizontal axis. The turbine's nacelle and parts of its three blades are visible.

Standing at an impressive 150 metres with a span of 130 metres, the turbine stands tall in the hills around Mt Bodangora as the first of 33 to be installed.

FIRST TURBINE ASSEMBLED

History has been made in the Wellington district, with the first turbine assembled at Bodangora Wind Farm.

Turbine components started arriving on site in March 2018 after many months of base preparation, with the installation marking a milestone moment for Infigen Energy. This is a very important milestone for the project and a significant achievement for the team and all the contractors working on site.

A WINDY TASK

Not surprisingly, in a location known for its wind, turbine construction can only be done in the right conditions. If it is too windy, the specialised mobile crane cannot be used.

Depending on the wind speed, each wind turbine can generate up to 3.4 MW of power, with the wind farm providing enough output to supply power to up to 49,000 homes each year. All turbines are expected to be built and operating by spring 2018.

WHO IS BUILDING THE BODANGORA WIND FARM?

Bodangora Wind Farm is built by Civil and Allied Technical Construction Pty Ltd (CATCON); wind turbines are supplied by General Electric Renewable Energy (GE); and the overhead powerlines to connect the wind turbines to the electricity grid are built by TransGrid. Energy company Infigen Energy is the owner of the project and overseeing the construction. The project also involves eight landowners who are local farmers leasing their land to the wind farm.

WHAT'S HAPPENING ON SITE?

COMPONENT DELIVERY

The Bodangora Wind Farm turbine components have been shipped in to Newcastle Port from around the world from Malaysia, Germany, China, and Turkey; and arriving via the Castlereagh Highway, Goolma and Gillinghall roads.

Due to the immense size of parts, escorting vehicles were arranged, and traffic notices issued to advise surrounding townships and nearby properties of the special convoy.

The tower sections were the first to arrive to site with each section weighing in excess of 55 tonnes and around 30 metres in length. These were followed by turbine nacelles, which are the power house of wind turbines weighing 96 tonnes. Each blade measures 63.7 metres and weighs 19 tonnes.

Turbine transportation is set to continue until June 2018, with multiple deliveries per week arriving between 10am and 2pm from Monday to Saturday.

Base work is also continuing, with concrete pours and installation of electrical conductors to prepare bases for turbine components.

Since the start of the year, TransGrid has also made excellent progress on construction of the 8 kilometres of 132 kilovolt overhead line to the site, and construction of the substation civil works.

For enquiries regarding transport and deliveries, please contact CATCON at 1800 996 955 (between 7am and 6pm) or Infigen Energy at 1800 917 372 (all hours).



CONSTRUCTION TIMELINE

Jun 2017-
Mar 2018



Construct roads
and turbine
foundations

Nov 2017-
Apr 2018



Construct grid
substation and
overhead line

Feb-May
2018



Wind turbine
transportation
to site

Mar-Jun
2018



Wind turbine
installation

Mar-Aug
2018



Commissioning
and testing

Spring
2018



Operational

MEET THE PEOPLE



MEET A TRAILBLAZER

Being the first female employee in the field at the Bodangora Wind Farm is a unique experience for truck driver Brooke Colley. As one of the sub-contractors working on the development, Brooke is employed by ICE Earthmoving and her role on the project is driving a water cart. She says that being a woman in the male-dominated construction industry can be daunting.

"I have been working in this industry now for two and a half years," she explains. Sometimes it can be a little confronting when you walk into a job site and there are a lot of men and no women, but you do get used to it."

Brooke said that in her position it helps to have a sense of confidence and knowledge of expectations. "I have been around this industry all my life so I feel that it also helps."

"On being one of few women working in the field I find that most will make you feel welcome and are willing to help out if needed. I have never been treated any differently but most people are always looking out for me to make sure I'm okay."



UP IN THE AIR

Aerial photographer Jedd Manning is offering a bird's eye view of the wind farm construction, using drone technology to chart a visual anthology of its progress.

The best part, according to Jedd, is capturing a unique aspect of the development that would not usually be seen.

The spectacular aerial footage not only provides a visual record of progress, but assists Infigen and its contractors with assessing and monitoring the construction.

Jedd has four years' experience and 70 flight hours under his belt, making the transition from hobbyist to professional two years ago. Jedd's company Western Aerial Productions has already worked on a range of projects in real estate, site development, weddings, independent art projects, short films, regional shows, and rodeos.

When he films aerial footage, Jedd is required to follow the strict regulations of Australia's Civil Aviation Safety Authority, including not flying within 30 metres of people, buildings, vehicles or critical infrastructure or within 5.5 kilometres of a controlled aerodrome.



MEET IAN BATHO

Job:

Truck Driver/Plant Operator

From:

Wellington, NSW

What is your role on the project?

Water cart driver.

What is the best part of your job?

They treat you well, I am used to driving.

What is your most memorable moment?

Getting my car licence.

What is your favourite breakfast?

Fruit.

If you had a superpower, what would it be?

Flying.

What is your best party trick?

I can put a glass on the corner of the wall and make it stay there.

Best piece of advice?

Be kind to your mother.

COMMUNITY



NEW TECHNOLOGY FOR ANCIENT LANDS

Cultural awareness training recently held on site included a smoking ceremony and learning about artefacts, native fibres and the Stolen Generation.

COMMUNITY BENEFIT FUND

Applications for second round of the Bodangora Wind Farm Community Benefit Fund will open mid-year. To be eligible, applications must meet the criteria, which includes delivery of social, cultural, economic or environmental benefits to the local community.

The next Community Consultation Committee (CCC) is scheduled to meet in May to kick off the next round of community benefit funding which will have a \$25,000 pool of funds to draw from with the maximum grant allocation of \$5,000 per project. Following this meeting notices and public calls for applications will be advertised.

For questions about the Bodangora Community Benefit Fund, please contact the Council's Community and Recreation Division:

- Phone (02) 6801 4000 or
- Email council@dubbo.nsw.gov.au

FUNDING FOR FIREFIGHTERS

Members of the Bodangora Fire Brigade can take relief from a donation of equipment, which will ease their task of fighting fires. The group, which is part of the Orana Rural Fire Service, has received sponsorship from Infigen Energy to purchase a vehicle refrigerator and mount along with three fireground radio handsets.

Dubbo Support Brigade (Wellington 6) volunteer fire fighter Craig Hughes, who also works at the wind farm, said that the funding means a lot to those who risk "life and limb" in the field each and every fire season. Caig thought that the support of Infigen Energy would be very well-spent and appreciated by a lot of people, and go a long way.

SPONSORSHIP OF A WELLINGTON ICON

The Boot is to Wellington what the Cup is to Melbourne and draws crowds from across the nation to attend the most exciting weekend on the country racing calendar. This year, the Wellington Boot Racing Carnival received sponsorship funding from the Bodangora Wind Farm. The annual vintage fair and Wellington Show have also received funds to assist their respective events.



ABOUT INFIGEN ENERGY

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Infigen Energy is an active participant in the Australian energy market and a developer, owner and operator of generation assets delivering energy solutions to Australian businesses and large retailers.
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