



Boorolong Wind Farm

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Project update

Welcome to the latest newsletter for the proposed Boorolong Wind Farm, located on Anaiwan Country, around 20 kilometres north-west of Armidale, within the New England Renewable Energy Zone (REZ).

Since our last edition:

- The project team has heard the community concern around visual impacts of the wind farm. New visual impact guidelines are expected to be released by the Department of Planning, Housing and Infrastructure (DPHI) later this year. Further work will be undertaken to ensure visual impacts meet these guidelines.
- Onsite wind monitoring is ongoing.
- We have had regular engagement with the Energy Corporation of NSW (EnergyCo) in relation to the project's connection to the National Electricity Market (NEM).



Bango Wind Farm near Boorowa NSW

New England REZ

In July, EnergyCo lodged a Scoping Report for the New England REZ network infrastructure project, which can be found on the NSW Major Projects Planning Portal.

To learn more about the Scoping Report and next steps, scan the QR code on the right.

Boorolong Wind Farm will connect to the network via EnergyCo's New England REZ network infrastructure.



NSW Major Projects Planning Portal



Scoping Report and next steps

Project team

We are pleased to announce that Kristy Old has joined our team as Project Manager for Boorolong Wind Farm.

After graduating as a mechanical engineer, Kristy began her career in the wind industry in 2002. She has been with Squadron Energy (formally CWP Renewables) since 2016.

Kristy was instrumental in taking Bango Wind Farm through the later stages of development and into construction. She has also been involved with Spicers Creek Wind Farm since its inception in late 2019. Over the past two years, Kristy has also managed the team responsible for Squadron Energy's prospecting and early-stage renewable energy portfolio in NSW.

"I am looking forward to getting to know the Boorolong community and helping to see Boorolong Wind Farm through to development approvals so that it can bring economic benefits to the local community, and environmental benefits to us all"
- Kristy Old, SQE Project Manager



Kristy with stakeholders at Bango Wind Farm

On-site wind monitoring masts

Wind resource monitoring on the Boorolong Wind Farm site began in 2020 using mobile wind monitoring units. To increase confidence in the measured wind speeds, the first 110 metre wind monitoring mast was installed in February 2022.

The mast is a lattice tower construction, stabilised using guy wires on three sides and equipped with a range of sensors at various heights to measure wind speed, wind direction, air pressure, temperature and humidity.

Data collected from the mast is used by wind engineers to accurately model the long term wind conditions across the site, in order to optimise the layout of wind turbines.

To increase the certainty in our wind analysis, two additional 110 metre monitoring masts were installed in November 2022 and October 2023.

In March 2024, the height of the mast, installed in February 2022 was increased to 160 metres to enable data capture at hub height of the future wind turbine generators that are likely to be installed at Boorolong Wind Farm.

The team has worked closely with landowners to locate and install the three masts, ensuring minimal interference with land use and avoiding other constraints.

The masts are painted in accordance with standard aviation safety requirements and have been reported to aviation authorities for recording on maps and charts.



Boorolong Wind Farm site landscape



A wind monitoring mast

Community sponsorship

Squadron Energy is dedicated to sharing project benefits with the local community. The community sponsorship program provides funds to community organisations and events including:

- Education and training initiatives
- Community development programs
- Health and wellbeing
- Environmental initiatives
- Sport and arts

So far this year, Boorolong Wind Farm has proudly supported the:

- TAS Foundation Winter Solstice dinner
- University of New England Farming Futures Careers Fair
- Cultural Camps Aboriginal Corporation



Squadron Energy at the University of New England Farming Futures Careers Fair



Supporting the Inverell FC Mini Roo teams to play in the Inverell Joey's Mini World Cup



Sponsor of the Grafton to Inverell cycling event for the third year running this year

Applications are open for community sponsorship. For more information or to apply, scan the QR code or visit www.squadronenergy.com/communitysponsorship.

Members of our project team are regularly in the New England region and are happy to meet with the community regarding the project. If you would like to meet with us, please reach out using the contact details below.



Contact us

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