Crookwell 3 Wind Farm

Crookwell 3 Development Pty Ltd

September 2023 Newsletter

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Crookwell 3 Wind Farm

Project Status

After some days of bad weather, last week we got back on track and the team has successfully installed turbine 13. Only three to go!

Activities On Site

- **Roads**

  ✓ As per usual and till the end of the project, Divall's has been maintaining the internal roads in good condition.

- **Wind Turbine Foundations**

  ✓ 80% of the turbines have been fully assembled.

  ✓ Mechanical and electrical works are now taking place inside the turbines until December 2023.

- **Trenching and Cabling**

  ✓ RJE Global has completed the trenching and cabling works, connecting successfully to the Substation located at Crookwell 2.

  ✓ Road has been fixed in the intersection of Woodhouselee Rd and entrance to Crookwell 2.

Grid Connection

- RJE Global has successfully installed the reactive plant, 33kV breakers and protection panels.
- The new substation buildings are being built in South Australia. Installation on site is expected by Q2 2024.

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Community Engagement & Benefit Sharing

Landscape Screening Program

As part of the development consent, Crookwell 3 is implementing its landscape screening program. This program provides our neighbours who live within a 4km radius of the wind farm with landscaping options to mitigate the view of the turbines. We will contact all the neighbours who are eligible in a radius of 4 km surrounding the wind farm. If you would like to find out more information, please email us at crookwell2and3windfarms@globalpower-generation.com.au.

Who's who?

Alfonso Monedero – Project Manager at Crookwell 3

Alfonso Monedero has been working in renewables at GPG for nearly 3 years. Before that, he spent two years at Volvo Penta as an engineer working with marine engines and generators. His background as a Naval Engineer and a subsequent master's degree in Offshore Renewable Energies paved his way into the renewables field.

"My experience working at Crookwell 3 has been truly incredible. The project has allowed me to witness its development to the point where wind turbines are ready to start generating green energy and this journey has been remarkable. I've encountered various challenges, such as managing logistics in a remote location, collaborating with multidisciplinary teams, and optimizing resources to enhance the wind farm's efficiency. What I've enjoyed most about the project is witnessing its evolution from concept to reality and meeting all the people I have along the way.

Living and working in Australia has been a rewarding experience. I've appreciated the cultural diversity and the stunning natural beauty of the country. However, at times, I do miss the food, family, and friendships back in Spain.

In my spare time, I love exploring the Australian wilderness, participating in water sports, and immersing myself in the local culture. I'm also an avid cook and enjoy playing paddle, a sport that's not very well known in Australia yet. Additionally, I'm a scuba diving enthusiast and have a growing interest in learning to skydive."

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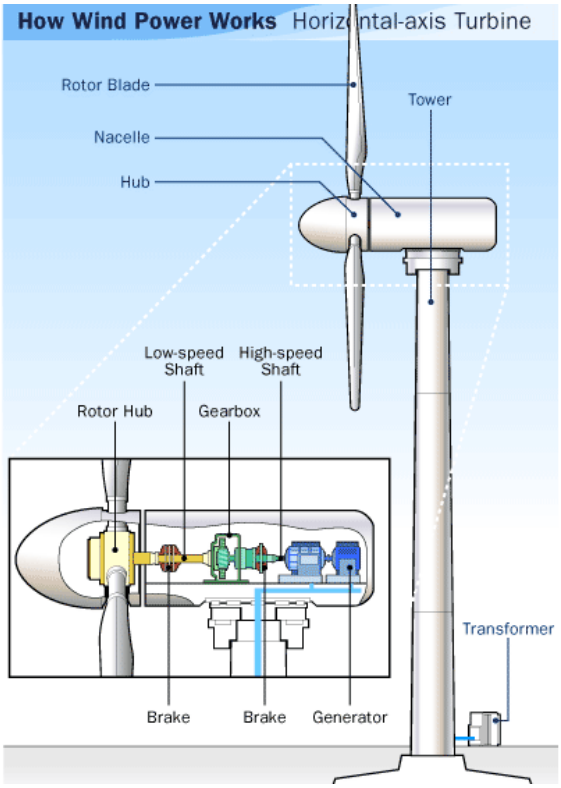
Do You Know About?

How Wind Turbines Work



A wind turbine turns wind energy into electricity using the aerodynamic force from the rotor blades, which work like an airplane wing or helicopter rotor blade. When wind flows across the blade, the air pressure on one side of the blade decreases. The difference in air pressure across the two sides of the blade creates both lift and drag. The force of the lift is stronger than the drag and this causes the rotor to spin.

The rotor connects to the generator, either directly (if it's a direct drive turbine) or through a shaft and a series of gears (a gearbox) that speed up the rotation and allow for a physically smaller generator. This translation of aerodynamic force to rotation of a generator creates electricity.

Contact Us

For any queries, complaints or to be included in the distribution list of our newsletter and fortnightly construction update please get in touch with our Community & Stakeholder Engagement Officer Marco Romero on:

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