

Keeping the community informed

EnergyAustralia, in collaboration with Zenvion, is dedicated to keeping both the nearby and broader community informed as the Wooreen project progresses. This includes providing advance notice of any activities that might impact the community, such as the movement of heavy equipment and the mobilisation of plant and personnel.

Notifications will be communicated through various channels, including:

- Our website
- Mailouts to homes
- Newspaper advertising
- Door knocking
- Social media

This approach ensures that the community remains well-informed and prepared for any project-related activities.

Contacting us

If during construction you have any questions or concerns about construction works, please call us on our 24/7 project number **1800 574 947** or email **community.wooreen@energyaustralia.com.au** to lodge any questions or concerns

or

Drop into the EnergyAustralia Community Hub for a chat.

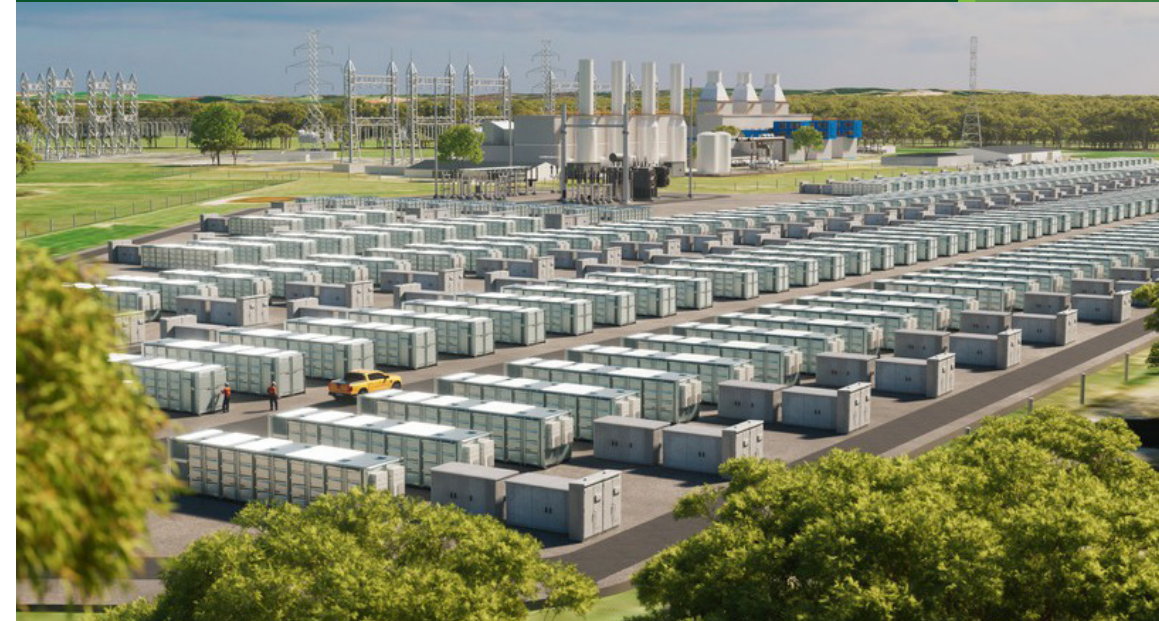
The Community Hub is located at **228 Commercial Road, Morwell.**



The information contained in this booklet is correct as at September, 2025.



Wooreen Energy Storage System Information Booklet



The Wooreen Energy Storage System project has commenced construction.

This booklet provides details on:

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The Wooreen Energy Storage System is being constructed on the traditional lands of the Brayakaulung people of the Gunaikurnai nation. EnergyAustralia respects and acknowledges their continued connection to Country, culture, and community.

Under One Sun Montana Mc Stay (2024)

Under One Sun represents light among Gunaikurnai Communities.

The sun is placed in the middle of the painting providing life and energy to all living things that it touches. Everything relies on the sun to thrive and grow.

The five Gunaikurnai shields acknowledge each Clan group that occupies the land. Men, women, and elders sitting among children watching over them. All people shown in the art also celebrates the connection of Aboriginal people and Energy Australia's team involved within the Wooreen Project.

Along the sides of the Montana has used blue, indigo, and white showing two riverways with rippling water patterns, that flow to closest to Morwell, and oval shaped patterns as our surrounding mountains.



What is Wooreen?

The Wooreen Battery Energy Storage System (BESS) is a groundbreaking energy initiative poised to play a vital role in Victoria's energy transition.

Designed as a utility-scale battery system, it will have the capacity to deliver 350 MW of power—sufficient to supply electricity to approximately 230,000 homes for four hours before requiring a recharge.

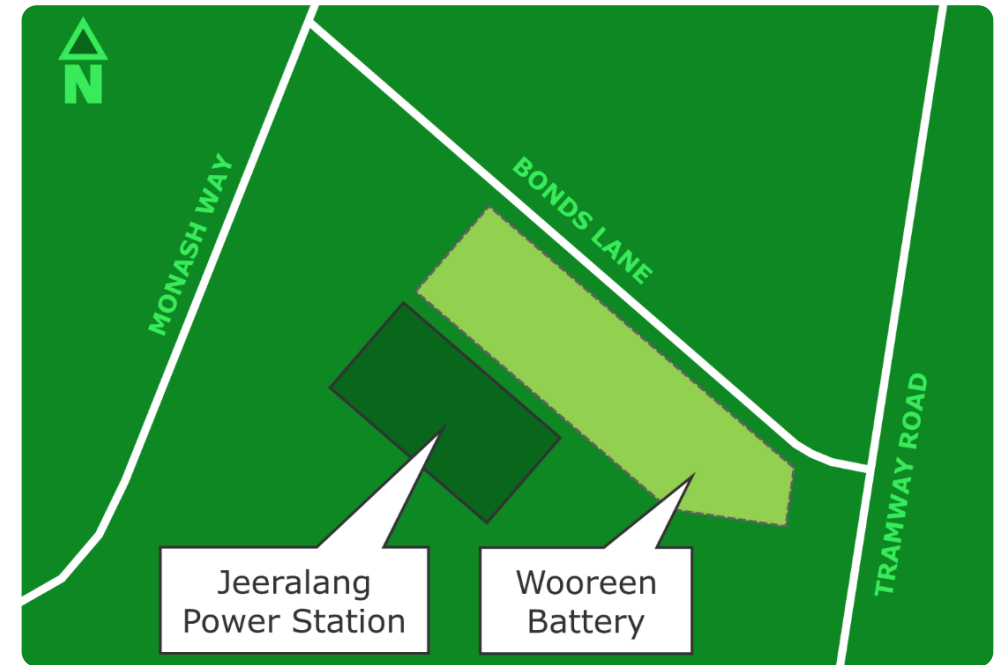
The project has commenced construction on land owned by EnergyAustralia, adjacent to the Jeeralang Power Station at Hazelwood North.

With construction under way, Wooreen is set for completion in 2027.

Wooreen is projected to create around 80 jobs during the construction phase, further contributing to the local economy.

Spanning an area equivalent to five football ovals, as of early 2025 Wooreen stands as one of Australia's largest battery storage projects. It promises to bolster Victoria's energy security, facilitate greater integration of renewable energy into the grid, and honour the Latrobe Valley's legacy of powering communities and industries.

The project's significance extends to providing an economic boost for the Gippsland region while supporting a sustainable energy future. It's a major step toward transforming Victoria's energy landscape.



Introducing Banpu Energy Australia

EnergyAustralia has signed an agreement with Banpu Energy Australia, a subsidiary of the Thailand-based energy company Banpu Public Company Limited, for the sale of a 50 per cent equity interest in the Wooreen Energy Storage System

Banpu brings to the Wooreen project international expertise and a track record in large-scale energy projects. The partnership brings together the best of local knowledge and global experience, ensuring the delivery of

a world-class energy project that benefits the Latrobe Valley and contributes to Australia's energy future.

Both parties will contribute expertise to the ongoing development of Wooreen, with EnergyAustralia's construction team continuing to deliver the project. EnergyAustralia will then operate the completed Wooreen under a storage services agreement.



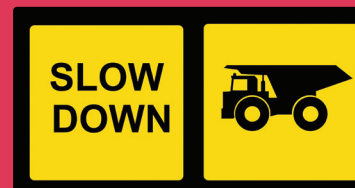
Where is Wooreen located?

Wooreen is situated next to EnergyAustralia's Jeeralang gas-fired power station, on company-owned land bordered by Bonds Lane and Tramway Road in Hazelwood North.

Check out the location above.

This location is ideal, as it provides ample space and already connects to the grid, eliminating the need for constructing new transmission lines across public or private land.

It's a practical and efficient choice for such a significant energy project.



Take care when driving along Bonds Lane.

The area will see an increase in heavy machinery, trucks and workers.

How do large scale batteries work?

Large-scale batteries, like the Wooreen BESS, play a crucial role in modern energy systems by storing electricity for later use.

They capture surplus energy generated during periods of high renewable output like sunny or windy days or during periods of low demand, and store the energy for later use..

When demand rises, such as in the evening when households are using more electricity, the batteries release the stored energy back into the grid.

Beyond that, batteries help to stabilise the electricity network by addressing supply imbalances and reducing the risk of blackouts.

Projects like Wooreen are essential for supporting the transition to renewable energy and ensuring reliable power for communities.

To find out more about how

Wooreen will operate, Scan the QR code to view the Wooreen Video



Addressing noise concerns

Noise was a key concern identified during initial community engagement activities.

EnergyAustralia has taken proactive steps to address these concerns and ensure that Wooreen operates with minimal noise impact.

Operational Noise Levels

When in operation, Wooreen will produce low levels of noise.

The primary sources will include electrical equipment such as transformers, inverter cooling fans, and chillers.

The highest noise levels on-site during charging and discharging are estimated to be around 65dB, comparable to the sound of a normal conversation

At the nearest residences, noise levels are expected to be approximately 37dB – similar to a whisper in a quiet library.

Independent Noise Assessments

Specialist noise consultants have conducted comprehensive assessments of Wooreen’s design to ensure compliance with EPA noise regulations.

Design for Noise Reduction

Throughout the planning phase, Wooreen’s noise model has been refined to incorporate “at source” engineering controls.

For instance, noise-minimizing units have been installed over inverter fans to further reduce noise.

Construction Noise During construction

Noise will primarily stem from equipment movement and building activities, all of which will occur during daylight hours to minimise community disturbance.



Fire safety measures

Fire management is an important component of the design of the Wooreen Battery Energy Storage System (BESS).

EnergyAustralia collaborated with Fire Rescue Victoria (FRV) and the Country Fire Authority (CFA) to address fire risks.

Site selection considered safety factors such as location, layout, and construction materials, and the facility consists of smaller, separate BESS units controlled by an advanced monitoring system to detect abnormalities early permitting early intervention to occur minimising the chance of fires.

Wooreen's battery technology has undergone rigorous independent testing to ensure fires are contained to individual units (UL9540A), with designs aimed to protect against external fire. Under normal operations, Wooreen does not emit air, water, or

ground pollutants. Although fires at grid-scale BESS facilities are rare, the project includes robust emergency management plans to mitigate potential community impacts, such as hazardous smoke and fumes.

Wooreen is equipped with modern fire safety systems, including fire detection and protection mechanisms, and dedicated infrastructure such as fire water storage and hydrants, to minimise fire risks and support fire authority response during construction and operation phases.

Hazelwood North Country Fire Authority Brigade

EnergyAustralia will provide funding for infrastructure and/or equipment at the Hazelwood North CFA brigade, designed to strengthen local community fire services.



The Hazelwood North Country Fire Authority (CFA) Brigade

Benefiting the local community



The Wooreen project will provide local training & learning opportunities

EnergyAustralia recognises that energy projects must benefit those communities that host energy projects.

EnergyAustralia is committed to ensuring that the Wooreen Energy Storage System project will benefit the community including:

Light the Way Community Future Fund

This fund is designed to support the local communities of Hazelwood North, Churchill and Morwell, administered by the local community.

Scholarships

First Year Technology Scholarships for Federation University Churchill students, to further build local capacity and careers.

Apprentices and Cadets

The provision of training and learning opportunities for local apprentices and trainees, further building local technical capacity and job opportunities.

Local Content Commitments

EnergyAustralia has committed to the utilisation of local suppliers and workforce.

First Nations

Working with the Gunaikurnai Lands and Waters Aboriginal Corporation (GLaWAC), funding training and capacity building initiatives designed to support the local Aboriginal community.



Construction information

Zenviron is the principal contractor for the Wooreen site, bringing extensive experience in designing and constructing large-scale renewable energy projects, including Battery Energy Storage Systems (BESS) like Wooreen.

Headquartered in Newcastle, NSW, Zenviron has successfully completed the 100 MW Latrobe Valley BESS projects and has other BESS projects under development.

Zenviron is a proud supporter and member of the UN Global Compact and the Clean Energy Council.

For more information about Zenviron, visit their website www.zenviron.com.

Construction methodology designed to minimise impact on the community

Construction has been designed with thoughtful consideration to reducing the impact on nearby residents and the local community. These include:

- Construction works occurring only between the hours of 7am to 5pm Monday to Friday, and 7am to 1pm on Saturday.
- Implementation of sediment and erosion control measures
- Progressive stabilization of disturbed areas
- Dust suppression through the use of water carts

Construction Timeline

It is estimated that the construction of Wooreen will take approximately 2 years to complete. Construction consists of the following steps:

Construction Activity	Completion Timing
Civil & Structural Works including:	
• Bulk earthworks	May 2026
• Underground services installation	
• BESS & substation foundations	
Grid connection	
• Substation Electrical Works	August 2026
• Electricity Grid Connection	
Construction works including the installation of battery units	May 2027
Commissioning and testing	July 2027
Site complete and ready to operate	August 2027

- Cleaning of Vehicles prior to entering public roads
- Protection of stockpiled materials
- Safe storage and control of construction materials
- Adherence to local traffic conditions and limits

Jeeralang Power Station

EnergyAustralia's Jeeralang Power Station is a 450 MW peaking plant located adjacent to the Wooreen project site.

Jeeralang was built in two stages between 1977 and 1980 to meet Victoria's peak power needs.

Jeeralang was purchased by EnergyAustralia in 2018 and forms part of EnergyAustralia's peaking generation fleet, along with the Hallett Power Station in South Australia.

Jeeralang's primary fuel source is natural gas via the nearby Victorian gas transmission system. The plant also has the capability to use liquid fuel (distillate) as a secondary fuel option.

The power station is designed with the capability to restore power to the grid in the event of a complete system black, making it a strategically important asset in the Victorian electricity network. This design enables the Jeeralang units to start without relying on the grid. The diesel generators use a combination of battery power and distillate fuel to supply in-house load and black start capabilities in the event of a grid failure.

Jeeralang's current running regime is that of a peaking plant. In the future it is envisaged that Jeeralang will provide renewable firming support, covering supply shortfalls in the market, and

therefore operating more frequently and for longer periods. Recently, EnergyAustralia has undertaken \$100M upgrade works to ensure that Jeeralang is available to support the energy transition to renewables. A large range of critical spare parts have been obtained ensuring Jeeralang's reliable and predictable future operations.



The Jeeralang power station - A units.