Community Newsletter

December 2025

AMPYR

bulabul battery

Project overview

The Bulabul Battery, formerly known as the Wellington Battery Energy Storage System (BESS), is a 400MW / 100MWh battery energy project located just north of Wellington, NSW, on Wiradjuri Country. Stage 1 of the project (300MW / 600MWh) commenced construction on 1 August 2025.

AMPYR Australia is working to finalise Stage 2 of the project and plans to commence construction in mid-2026. Developed by AMPYR Australia, this project will deliver grid-scale energy storage capable of supporting thousands of homes and businesses during peak demand.

How the Battery Energy Storage System works

- Connects to the National Electricity Market (NEM) via the Wellington 330kV substation
- Charges during low-demand periods (when renewable generation is high)
- Discharges during peak demand to reduce costs and improve reliability
- Will be registered to provide ancillary support services to help maintain the strength and integrity of the national electricity grid

Construction hours

While AMPYR and our construction partners endeavour to keep site impacts to a minimum, there may be disruption to the surrounding residents of the Bulabul Battery and residents commuting on Twelve Mile Road, Wuluuman during construction. Approved construction work hours are:

- Monday to Friday: 7:00am – 6:00pm
- Saturday: 8:00am – 1:00pm
- No work will be carried out at night, on Sundays, or on public holidays.

AMPYR and our construction contractors may from time to time seek approval from the NSW Department of Planning, Housing and Infrastructure (DPHI) for out of hours work. Any out of hours work would be assessed on a case by case basis by DPHI.

We have been approved for out of hours work on specific days in December 2025 and January 2026 to facilitate concrete pours for the battery foundations.

Project timeline

The Bulabul Battery is being delivered in two stages:

- **Bulabul Battery 1**: 300 MW / 600 MWh - powered by Fluence Gridstack 6 technology
- **Bulabul Battery 2**: 100 MW / 400 MWh

Combined, the two stages will provide **400 MW of power** and **1 GWh of energy storage**, enabling the system to store renewable energy and dispatch it when the grid needs it most.

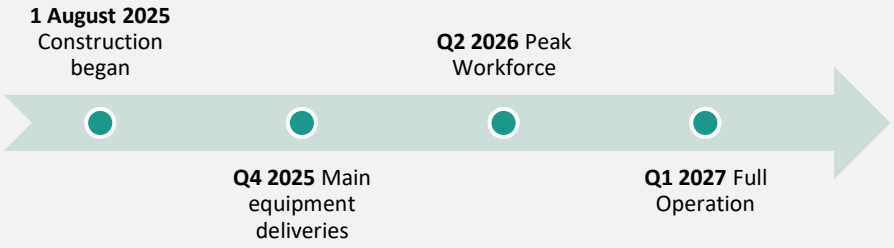
Stage 1: Bulabul 1

Capacity: 300 MW/600 MWh

Key details:

- Will be built by Fluence Energy and RJE Global
- Peak workforce of 90 people

Timeline



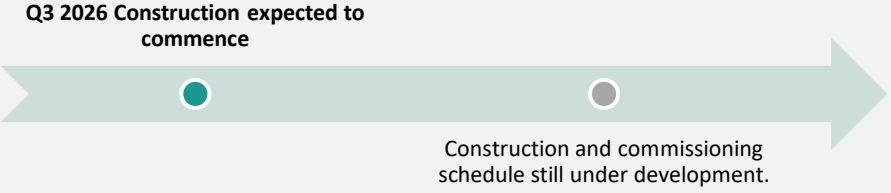
Stage 2: Bulabul 2

Capacity: 100 MW/400 MWh

Key details:

- Peak workforce of 60 people

Timeline



Bulabul 1 - Project Updates

The project is entering an exciting new phase, with major milestones already achieved and more significant works on the horizon.

Earthworks and civil engineering

The fully completed access road is now operational, providing safe and reliable site entry, and the construction site compound has been finished, giving our teams a central base to coordinate activities. Recent weeks have seen steady progress on the bulk earthworks and civil engineering required for the battery, including formation of the main bench and earth berm, drainage, culvert foundations, and stormwater installation.

Out of Hours concrete pour request

The upcoming large concrete pours for the BESS Pad are highly complex and cannot safely or effectively be completed during normal daytime hours. High summer temperatures in Wellington (over 31–33°C) would cause rapid setting, evaporation, shrinkage cracking, and long term durability issues. Out of hours pours in cooler early morning conditions are essential to maintain quality, structural integrity, and safety. They also reduce congestion and allow continuous placement without interruption, which is critical to the project schedule.

To minimise community impact, the team will implement strict controls:

- ✓ Construction Noise Impact Assessment prepared in line with approvals.
- ✓ Acoustic barriers and temporary noise screens to reduce sound and light spill.
- ✓ Limiting noisy setup activities to the day before where possible.
- ✓ Use of modern equipment, broadband reversing alarms, and solar/battery lighting.
- ✓ Staggered truck arrivals to avoid queuing and idling.
- ✓ Monitoring at key receiver points during peak activity to ensure compliance.
- ✓ Toolbox talks and driver briefings to reduce unnecessary noise and ensure safe practices.

Community notification will be provided by AMPYR to keep neighbours informed and supported throughout the out of hours works.

Commencement of delivery of battery cubes to site

With all of the approvals required now in place, we are excited to share that the delivery of battery cubes for the Bulabul Battery Energy Storage System (BESS) are now officially underway, with a total of 455 battery cubes on site.

- **Transport Details:** Deliveries to site are arriving via a mix of open-style flatbed B-double trucks and pantech-style enclosed B-double trucks. Each B-double truck is capable of transporting up to five battery cubes. All deliveries are coordinated under safety protocols and directed to the designated BESS laydown area.
- **Transport Route:** The battery cubes travel from the Minto storage facility in southwestern Sydney through Cowra and Orange, reaching the Bulabul Battery site near Wellington via a 6-hour drive across central New South Wales.
- **Vehicle Classification:** These trucks are not classified as oversize or over mass, ensuring standard road access and minimal disruption.
- **Site Activity:** Deliveries are now being directed to the designated BESS laydown area within the project site. All operations are being conducted under well-established and clearly communicated safety protocols to ensure a safe and efficient working environment.
- **Activity timeline:** The site will receive a total of 940 battery cubes. The expected completion date for all cube receivals is May 2026.

RJE, AMPYR & FLUENCE Managers with the first cube on site.

In Q1 2026, AMPYR will begin relocating the battery cubes from the temporary storage laydown area to their final concrete-mounted positions within the BESS compound. The batteries are under 24/7 security, and there are routine inspections regularly undertaken to ensure the integrity of the battery cubes and compliance with safety standards.

Fluence Gridstack 6 Battery

Battery Technology

Stage 1 of the Bulabul Battery will deploy 940 Fluence Gridstack 6, a modular, high-performance energy storage solution designed for utility-scale applications. Each unit is built for safety, reliability, and scalability, featuring:

Specifications	Details
Dimensions	2160 mm (H) × 2589 mm (W) × 2549 mm (D)
Energy capacity of each unit	0.4MW for 1 hour per day
Weight	8,200 kg
Operating Range	−30°C to +45°C
Protection Rating	IP55 (dust & water resistant)

Fire Safety Study

AMPYR has completed a comprehensive Fire Safety Study for the Bulabul BESS, which outlines all fire prevention, detection, and emergency response measures. This study has been prepared in consultation with and to the satisfaction of Fire and Rescue NSW (FRNSW) and is available for public viewing on the AMPYR Australia website.

For more information, please visit: https://www.ampyr.com.au/our-projects/bulabul-battery/

Key Fire Safety measures

- ✓ **Large-Scale Fire Testing (LSFT):** Fluence has conducted benchmark-setting LSFT procedures where units were deliberately ignited to test fire containment. Results showed *no flame propagation* to neighbouring units, validating the system's ability to prevent cascading fires.

- ✓ **Explosion and Deflagration Testing:** Prior to LSFT, Fluence performed five days of explosion testing - including dispersion and deflagration scenarios - to simulate worst-case events. Deflagration is a technical term related to fire propagation and describes the act of superheating a substance until it burns very rapidly. These tests confirmed the units' resilience and containment capabilities.

- ✓ **Modular Isolation:** Each Gridstack 6 cube is designed as a self-contained module with internal fire barriers. This modularity ensures that if one unit is compromised, adjacent units remain protected.

- ✓ **Advanced Fire Suppression Systems:** Each Gridstack 6 cube incorporates integrated fire detection and automated suppression technologies, including thermal sensors and automatic shutdown protocols, which activate before temperatures reach critical thresholds.

- ✓ **Compliance with NFPA 855 and UL9540A:** Fluence's systems meet or exceed international safety standards for energy storage, including **NFPA 855** (installation safety) and **UL9540A** (thermal runaway testing).

- ✓ **IP55 Protection Rating:** The units' enclosures are rated IP55, making them resistant to dust and water ingress - a key factor in preventing environmental triggers for fire given that the batteries will remain in an outdoor environment for the duration of their operating lives.

Bulabul 2 – Proposed Modification

AMPYR is seeking approval to modify the Bulabul Battery Stage 2 project layout due to changes in surrounding infrastructure. Since the original approval, new transmission lines and easements have been established near TransGrid's Wellington Substation, overlapping much of the previously approved construction laydown area. As a result, a new laydown area of up to 1.8 hectares is proposed within the development boundary, selected to minimise environmental impacts.

In addition, the project now requires additional infrastructure to be built at the Wellington Substation due to the staged delivery approach. This will involve an additional bay area of up to 1.2 hectares. Together, these changes represent a minor increase in the overall development boundary and are designed to ensure the project can proceed smoothly while respecting environmental and biodiversity constraints.

As part of the Bulabul Battery Stage 2 development application modification, two important site visits were successfully carried out in November 2025. Ecologists visited to complete environmental assessments, ensuring local ecosystems are carefully considered in project planning. Cultural heritage representatives from each Registered Aboriginal Party (RAP) undertook heritage inspections on site.

Both visits form a key part of the approval process and demonstrate our commitment to respecting environmental values and cultural heritage as the project progresses.

Please contact us if you would like more information about the modification we are proposing.

Call 1800 718 538

Email wellington@ampyrenergy.com

Facebook AMPYR Australia

Website https://www.ampyr.com.au/our-projects/bulabul-battery/

Community Impact

- AMPYR has announced the Bulabul Battery Community Benefit Fund of $100,000 for 2025. This is discussed more below.
- $2 million Community Fund established with Dubbo Regional Council, initially focussed on local employment, supporting the Wellington community, and support for disadvantaged youth.
- Opportunities for local contractors and suppliers through ICN Gateway https://gateway.icn.org.au/projects/15217/pg-15217
- AMPYR has agreed an equity partnership with the Wellington Aboriginal Community in the Bulabul Battery.

2025 Community Benefit Fund

AMPYR Australia has launched the Bulabul Battery Community Fund, a $100,000 grants program to support community-led initiatives in and around Wellington.

AMPYR will provide grants of up to $10,000 for eligible community organisations, including volunteer groups, schools, sporting clubs, First Nations organisations and local service providers. Funding is available across a wide range of priority areas including First Nations initiatives, youth programs, education and health and wellbeing. Applications for the Community Benefit Fund, and Expressions of Interest for the Community Reference Group both close at **5pm on 9 January 2026**.

See our website for an application form, funding guidelines and other information
https://www.ampyr.com.au/our-projects/bulabul-battery/

Equity Partnership with the Wellington Aboriginal Community

The Wellington Aboriginal Community has established a new Community-controlled organisation, Wambal Bila Limited, which has secured the right to take a 5% equity stake in the Bulabul Battery. Wambal Bila is securing finance for this equity stake.

Wambal Bila's investment in the Battery will deliver revenue for 20+ years, that it will invest in Aboriginal community priorities, such as jobs, culture and local services. As this investment grows, the benefits will flow to the whole region – what's good for the Wellington Aboriginal community ultimately strengthens the broader Wellington community as well.

Christmas Holiday closure

The Bulabul Battery construction team will be taking a well-earned rest over the holiday period. Work will finish on **Saturday 20 December 2025** and resume on **Monday 5 January 2026**.

During this time, security will remain on site conducting 24/7 inspections. If any issues or concerns arise, please contact the project team on 1800 718 538.
As 2025 draws to a close, AMPYR and the Bulabul Battery team warmly wish the Wellington community a joyful, safe, and restful festive season. Best wishes for a bright and prosperous 2026!

Stay Informed

We encourage residents to stay connected via our website and AMPYR Facebook page. Regular updates will be provided throughout the project.

If you have any questions, concerns, or would like more information, please contact the project team.

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