

Clements Gap BESS

Project Update - September 2025

Installation of BESS Containers

All 50 BESS containers have now been safely installed on site, along with the inverters that convert the stored DC power into AC power for use on the grid. This marks a major milestone for the project and means that the core elements of the Battery Energy Storage System are now in place.

The project did experience some wet weather over recent months. While the rain has left the landscape looking very green, it also caused some damage to local roads. Pacific Blue worked closely with the local council to repair these roads, and the works have now been completed to ensure safe access for both the community and project traffic.

Two of the largest deliveries to site – the project's control room and transformer – have now also been completed. These components travelled from Port Adelaide as oversize "superloads," requiring detailed planning and coordination to ensure their safe arrival in the Mid North. ElectraNet has also completed construction of the new grid connection substation, which will link the BESS to the electricity network.

To prepare for commissioning, Pacific Blue has submitted the final approvals required for the system to operate, including registration with national market operators and state regulators. These approvals are designed to
ensure the project meets strict safety, reliability, and compliance standards before it begins operating.

We would like to thank the local community for its patience and understanding during this period of frequent heavy vehicle movements. While some truck deliveries will continue, the majority of major equipment has now been safely transported, meaning construction activity on site will begin to settle into its final stages.

RDA Circular Economy Info Session in Port Pirie

Pacific Blue recently attended Regional Development Australia Yorke and Mid North's Circular Economy Information Session, held in partnership with Rawtec.

The session highlighted local investment in waste facilities, with Port Pirie Regional Council's Acting CEO, Chris Davey, providing an update on new infrastructure such as upgraded weighbridges. Rawtec's Jarvis Webb also shared research, undertaken with Green Industries SA, on how valuable materials can be recovered and reused from energy infrastructure at
the end of its life.

For Pacific Blue, recycling and repurposing remains a priority as we plan the decommissioning of Codrington Wind Farm in Victoria in the coming years – Australia's first commercial grid-scale wind farm – where 90% of turbine materials can be recycled. We are also partnering with UNSW and CSIRO to demonstrate new ways turbine blades can be repurposed into valuable feedstocks, avoiding landfill and supporting Australia's circular economy.

Below: Progress on the installation of BESS and inverter modules





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Getting Ready For Energisation





Left: Workers on site at Clements Gap BESS installing cabling for the BESS modules and inverters. **Right:** Awarding the winner of last year's Pacific Blue Crystal Brook Classic 120m Men's Gift Final

The Clements Gap BESS Project is on track to achieve its milestone of first energisation by December 2025, an exciting step that will mark the beginning of operations for South Australia's newest large-scale battery. To celebrate this achievement, Pacific Blue is planning a launch event in early 2026, which will showcase the project's role in strengthening the state's renewable energy system and thank the many local partners who have supported the journey.

As one of the projects selected under the Commonwealth Government's Capacity Investment Scheme, Clements Gap BESS will play an important role in supporting more renewable energy generation to come online. The battery will help meet peak demand on hot summer days when air conditioners are running across the state, as well as in the evenings when households return home and energy use is at its highest.

Ahead of first energisation, work is underway to prepare the new Grid Connection Substation for commissioning in mid-October. This will require a one-week closure of part of Kirchner Road to allow for cabling to be installed on the transmission towers. Pacific Blue and Enerven are working together on a Works Notification, including detour maps, to ensure residents are informed well in advance.

Once energisation begins in December, the battery will enter a staged commissioning process. This involves carefully testing its safety systems, charging and discharging functions, and ability to respond to changes in South Australia's electricity grid. The process starts with the battery operating at lower levels of power, gradually increasing as it proves it can perform reliably. During this period, engineers from Pacific Blue will work alongside the network operator and the Australian Energy Market Operator to ensure the system behaves as expected and provides secure, stable support for the grid.

As the site nears completion, Pacific Blue will also be inviting community members to visit for guided tours to learn about how the project will operate, the strong safety protocols in place, and what to expect once the BESS is fully commissioned. We also look forward to welcoming locals to the launch event in the new year.



2025 Crystal Brook Classic Sponsorship

Pacific Blue is proud to once again support the Crystal Brook Classic Athletics Carnival, taking place on **Saturday 18 October 2025 at the Crystal Brook Football Club.**

Hosted by the South Australian Athletic League, the Classic brings together competitors and spectators from across the Mid North, Adelaide, and interstate. The free community event showcases some of the best amateur athletes in the sport of running and is a highlight on the local calendar.

Pacific Blue has proudly provided significant support to the Classic over the past three years, and has committed to again support the event in 2026!

Contact Us

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