

STANWELL BATTERY ENERGY STORAGE SYSTEM



115 jobs during construction



1200 MWh

300MW for four hours duration



equivalent of
203,000
homes powered



63,120

kilograms of CO₂ emissions avoided each full discharge

About Stanwell

Stanwell is Queensland's leading provider of electricity and energy solutions to the National Electricity Market, and large energy users along the eastern seaboard of Australia.

With over 40 years of continuous operations, Stanwell maintains a reliable supply of power from two of the most efficient and reliable coal-fired power stations in Australia – the Tarong power stations near Kingaroy and Stanwell Power Station near Rockhampton.

Stanwell's experience in working with communities to build, operate and maintain reliable energy generation assets is also being applied to building a diverse portfolio including renewable generation, storage, and firming to deliver Queensland's future energy needs.

Stanwell acknowledges the Darumbal people, the Traditional Owners of the land where Stanwell Power Station operates, and recognises their continuing connection to land, water and community. We respect and honour their Elders, past, present and emerging, and we commit to providing the spark for a bright future together.



The Stanwell Battery is a 300MW / 1200 MWh (four-hour duration) lithium-ion battery that is under construction within the Stanwell Power Station precinct – the largest committed battery project in Queensland.

Construction of the Stanwell Battery commenced in mid-2024, with commercial operations scheduled to begin in Q2 2027.

Batteries are an energy storage technology that use chemicals to absorb and release energy on demand. They can be charged when energy generation is high, and discharge energy back into the grid when generation is low or demand is high, or to maintain grid stability.

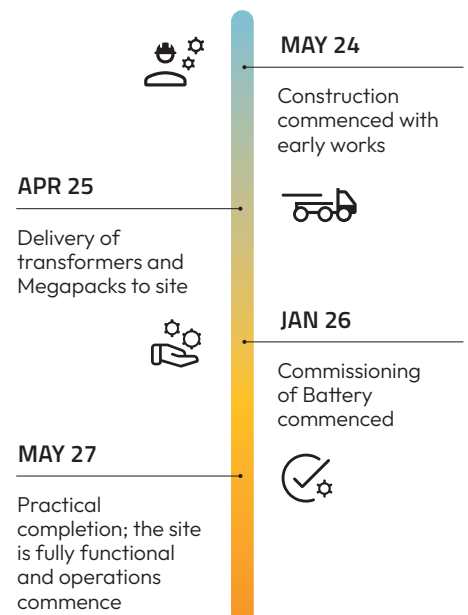
This system can charge and discharge electricity several times a day and can respond within fractions of a second to electricity demand.

The Stanwell Battery forms part of Stanwell's strategy to diversify its energy portfolio and maximise the use of our asset sites by capitalising on our skilled workforce, strong network connections and existing infrastructure.

The Stanwell Battery comprises 324 lithium-ion 2XL Tesla Megapacks. Yurika – a Queensland government-owned company – has been contracted to install them. They will be supported by a number of local contractors supplying a variety of services including civil works, cranning, plumbing, concrete supplies and quarry materials.

Up to 115 full-time jobs will be created over the construction phase. The battery will then be integrated into Stanwell Power Station site and will be operated utilising Stanwell Power Station's management and operating systems.

Project Schedule



Find out more,
scan the QR code