Fact sheet | Calala

Battery Energy Storage System (BESS)

Calala BESS Project Overview FAQ

What is a Battery Energy Storage System?

The Calala BESS will use energy storage technology to capture energy to store for later use. The BESS will provide reliable, and affordable electricity, giving more flexibility to the power system operators and utilities to quickly discharge energy to consumers during peak demands, power outages and shortages. It can also bolster electricity supply to the New South Wales (NSW) grid when there is not enough sun or wind to generate energy.

How does a BESS work and is it safe?

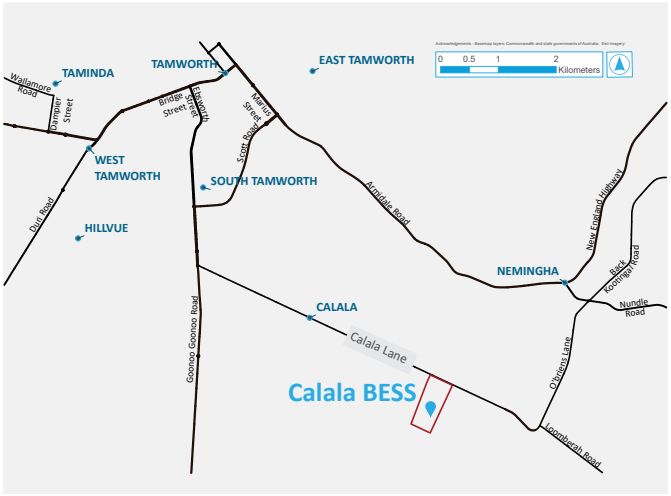
A BESS works like a standard battery used to power electronic devices. It requires several extra components to connect to an electrical network and meet Health, Safety and Environmental (HSE) standards set out by the NSW Government and Environment Protection Authorities, to ensure the BESS is safe and reliable.

Where will the BESS be located, and what is its capacity?

The Calala BESS will be located at 474 Calala Lane, Calala, New South Wales. The Kamilaroi/Gomeroi People are the Traditional Custodians of the land.

Covering 8.9 hectares of land and containing up to 164 battery enclosures and required infrastructure, the Calala BESS will act as a large-scale power supplier and connect to the NSW's electricity transmission grid. The Calala BESS will store up to 300MW of energy which can supply 2 hours of electricity to power up to 20,000 NSW homes.

Project location



When will construction start, and how long will the BESS last?

Construction of the Calala BESS will begin in 2024, taking up to 18 months to complete. The BESS has a useful life of up to 25 years, after this period the BESS will be decommissioned, and the batteries will be recycled and repurposed.

Project timeline

1	2	3
Planning	**Construction**	**Operation**
2022-2024	18 months	25 years +

Need more information

Call 1800 161 249

Visit www.equis.com.au

Email AUProjects@equis.com

Follow www.linkedin.com/company/equisdev

Register equis.engagementhub.com.au

This document is based on the information known to Equis as at October 2024. It contains assumptions and estimates that may be subject to change.

How will environmental, social, and health and safety impacts be managed?

Our project site must meet stringent Australian Government standards and frameworks. Independent experts assess our project sites and implement measures to mitigate and minimise any impacts. Detailed fact sheets about managing impacts are available on our website and engagement hub.

What benefits will the Calala BESS offer?

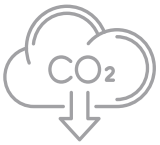
The proposed Calala BESS can deliver affordable, and reliable electricity to communities while helping to meet New South Wales' future electricity needs. It can provide economic, social, and environmental benefits, including:

- Storing up to 300MW of energy.
- Providing approximately 2 hours of electricity a day to power up to 20,000 New South Wales homes.
- Creating up to 177 jobs, 170 construction jobs and 7 operational jobs.
- Funding for local community benefit programs.
- Financial contributions to Tamworth Regional Council under a Voluntary Planning Agreement.
- Allowing more renewable energy into the grid to help reduce volatility and lower electricity prices.
- Reducing up to 155,201 tonnes of carbon emissions, avoided yearly.

How can I provide feedback or raise a concern about your project?

You can email us at **AUprojects@equis.com** or phone 1800 161 249 to provide feedback or raise a concern about our project so that we can understand and try to address your concern.

Power up to **20,000** NSW homes



Reduce up to **155,201 t**[2] emissions

Create up to **177 JOBS**

Store up to **300MW** of energy

How can I learn more about your project?

You can learn more about our projects by:

- Visiting our **website**
- Registering on our **engagement hub**
- Attending a project information session.

We will publish project information and updates in our newsletters, emails, and fact sheets which will be available from our website and engagement hub.

We encourage you to follow our project by registering on our engagement hub. On the engagement hub you can provide feedback, subscribe for project updates, register as a supplier and register for community benefits.

1. Estimate based on EPA.gov calculator
2. Estimate based on a 2-hour storage assuming the balance from wind and energy from waste is 5,000 kWh per year consumption per household.