

Eneabba T-BESS

Enabling a resilient energy future for Western Australia.



PROJECT SUMMARY

ACEnergy is developing the proposed Eneabba T-BESS (Transmission-level Battery Energy Storage System) designed to store electricity and supply it when demand is highest, helping support a stable and reliable power system.

The Project is planned for a 10-hectare site in Warradarge, within the Shire of Coorow in Western Australia's Mid West, and would connect directly to the nearby Eneabba Substation using existing infrastructure.

The Project is currently in its early planning stages, with detailed studies underway to assess environmental, technical and community considerations.

AT A GLANCE

BESS capacity: **200 MW / 1,200 MWh**

Land size: **10 hectares**

Location: **Warradarge (Mid West), WA**

Connection: **Eneabba Substation**

Project status: **Under development**

Project design

OUR PLANNING PROCESS

Our planning process involves detailed technical, environmental and safety assessments to ensure the Project is designed and operated safely and responsibly. This includes evaluating potential impacts such as bushfire risk, noise, visual appearance, traffic, vegetation and biodiversity, as well as integrating robust safety systems, monitoring and emergency response planning. We will work closely with regulators, emergency services and the community throughout, making sure all relevant approvals and strict standards are met before construction can begin.

WHY WARRADARGE?

Warradarge was carefully selected for its proximity to the existing Eneabba Substation and established transmission infrastructure. Locating the Project here allows it to connect efficiently to the network, reducing the need for major new infrastructure, lowering costs, and minimising environmental and community impacts. The site's characteristics also support safe and effective operation, and we will work closely with landholders and the community to ensure the Project is well planned and appropriately integrated into the area.

PROJECT LOCATION

PROJECT TIMELINE

Indicative

2026-2028

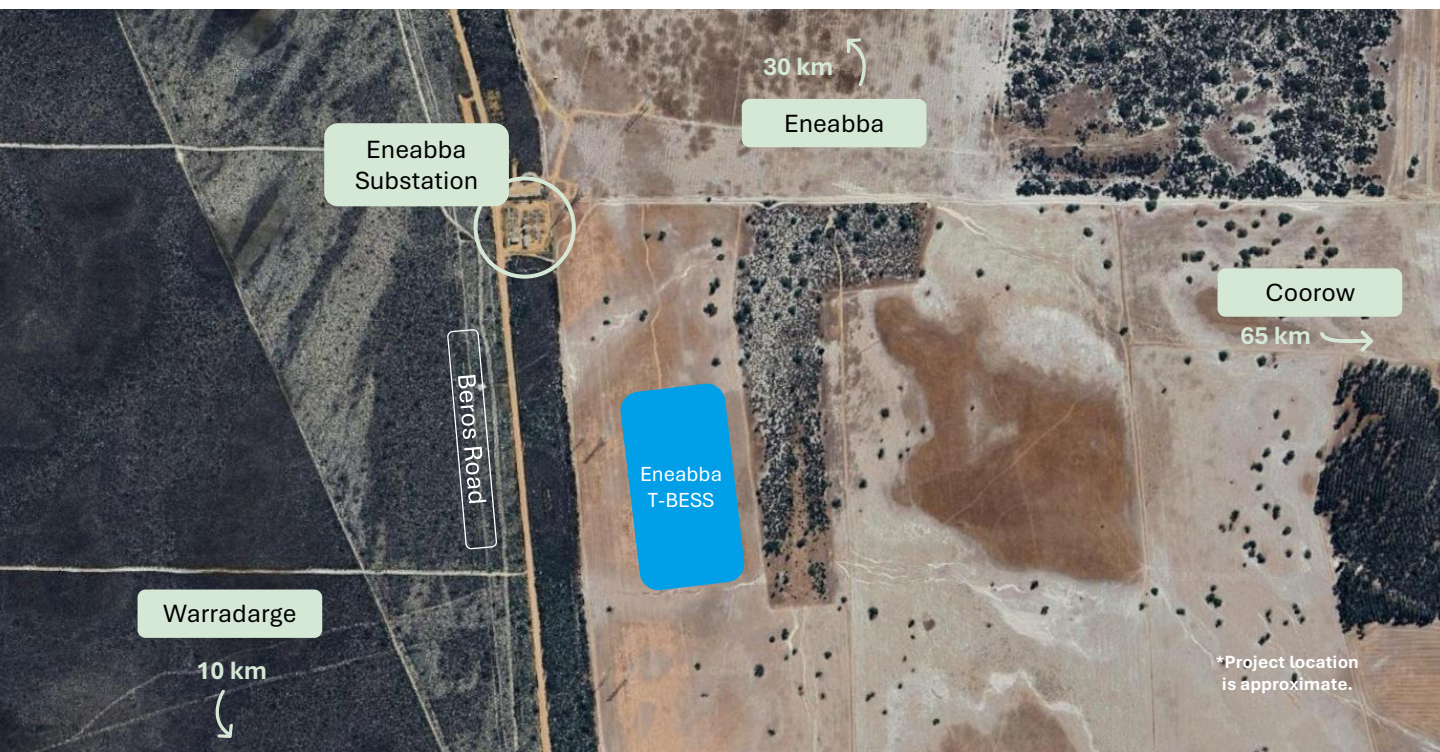
Planning, technical studies, and development and grid connection approvals are undertaken

2028-2030

Construction takes place, followed by testing and commissioning

From 2030

The project is operational, with ongoing maintenance to keep it running safely and efficiently.



Community

We are committed to building a positive legacy in the region and sharing benefits locally. At its core, the Project is designed to benefit community, by building a more resilient energy system for the Mid West.

PROJECT BENEFITS

We are committed to open, honest and transparent engagement throughout every stage of the Project. We'll work closely with the neighbours, landholders, Traditional Owners, the Shire of Coorow and the broader community to understand local priorities and ensure feedback is reflected in our planning process.

Engagement will be tailored to the local community and may include face-to-face meetings, information sessions, newsletters and digital updates. We will provide clear, regular updates so you can stay informed and involved as the Project progresses.

We are also committed to working collaboratively with the community and key stakeholders to explore meaningful benefit sharing opportunities. This includes looking at ways the Project can deliver lasting local value and contribute to positive outcomes for the region over the long term.

Community benefits of the project may include:



Funding and support for local initiatives, programs, events and community organisations



Procurement and supplier opportunities for local businesses and trades, supporting local economic growth and development opportunities.



Community infrastructure and public amenity enhancements



Collaboratively designed benefit sharing program

LEARN MORE

Visit our website for up-to-date information on the project or subscribe to our newsletter to learn more about who we are. Find us at www.acenergy.com.au or scan the QR code.



GET IN TOUCH

We are available to answer your questions, and we welcome feedback on the project.

Frequently Asked Questions

What is the Eneabba T-BESS Project?

The Eneabba T-BESS is a proposed large-scale battery energy storage system designed to store electricity and supply it when demand is highest, helping keep the power system reliable and stable. The “T” stands for Transmission, meaning it connects directly into the high-voltage grid.

Where will the Project be located?

The Project is proposed for a 10-hectare site in Warradarge, within the Shire of Coorow in Western Australia’s Mid West, adjacent to the existing Eneabba Substation.

How does a Battery Energy Storage System work?

The battery stores excess electricity, for example, from solar during the day, and releases it later, such as in the evening when demand is higher. This helps balance supply and demand across the grid.

Why is this Project needed?

As Western Australia’s energy system transitions away from coal and more renewable energy comes online, batteries help ensure the power supply remains reliable, flexible and affordable.

What is the Project timeline?

The Project is currently in early planning. If approved, construction is expected to begin around 2028, with operations from approximately 2030.

How will environmental and safety impacts be managed?

Comprehensive environmental and technical assessments will be undertaken. This includes managing noise, visual impacts, vegetation, and bushfire risks, as well as implementing robust safety systems and emergency response planning in line with strict standards.

How will the community be involved?

We are committed to open and transparent engagement. Community members will be kept informed through updates, meetings, and information sessions, and feedback will help shape the Project as it progresses.

What happens at the end of the Project’s life?

When the Project reaches the end of its life, it will be safely decommissioned and the land restored in line with regulatory requirements and approvals.

Who can I contact if I have questions?

You can connect with our project team at info@eneabbatbess.com.au.

About ACEnergy

We are an Australian-owned clean energy developer specialising in utility-scale solar and Battery Energy Storage Systems (BESS). With over 1.1 GW of capacity delivered and a further 2.7 GW in our pipeline, we are committed to advancing Australia’s transition to a sustainable, low-emissions future.