

# REEVES PLAINS BATTERY DEVELOPMENT



## Community update

You may be aware that Alinta Energy has been exploring the development of a battery project at Redbanks Road in Reeves Plains. The battery could boost South Australia's electricity capacity and help to ensure a reliable, consistent electricity supply for the region.



Artist's impression of the proposed battery project

We met with the community in December last year to talk about the project. We heard common themes raised by the community, including:

- Bushfire risk
- Light spill
- Noise impacts
- Visual impacts

As the design of the project progresses these themes will be taken into account.

### Project overview

Our goal is to develop a battery to help stabilise South Australia's power grid by storing excess energy for use during periods of high demand.

We are developing the battery site in two stages. Currently, we are developing Stage 1, which includes a 250 MW battery capable of up to four hours of storage, and then we plan to follow this with a similar battery in Stage 2 for 500 MW of total storage.

Each 250 MW battery could power more than 420,000 South Australian households for up to four hours.

### What's been happening?

Since we last met with the community the project was endorsed as essential infrastructure and granted development approval exemption by the South Australian Government. Several other battery projects in South Australia have been granted this status given the role batteries will play in the state's transition of a high renewable energy system.

We're undertaking technical and environmental studies to understand the potential impacts from the project, including ecology and vegetation, noise, bushfire, landscape and visual impacts.

There's a significant amount of work to do before the project is cleared, both by regulatory agencies and by us, to proceed to the construction phase.

## What's next?

You may see us at site investigations over the coming months. The information from these investigations will feed into the required engineering studies, and together be used to determine whether Alinta Energy will make our final investment decision on the project. We plan to make this decision by early 2025. Once we do, we'll provide you with an update.

The timeline for the project is shown below.

## TIMELINE



### Development

#### 2023-2025

We are currently undertaking environmental, technical and feasibility studies to inform how we design and construct the battery system.



### Construction

#### 2025-2027

Construction is scheduled to begin in mid-2025 and will involve activities such as earthworks, placement and installation of electrical equipment and landscaping works.



### Operational

#### 2027

Phase 1 of the battery system is scheduled to be operational by early 2027 with an expected lifetime of 20 years.

## Outcomes

We want the project to support the uptake of renewable generation in South Australia.



A variety of skills and trades, including civil and earthworks contractors, electricians, and more will be required during construction.



Once operational, the battery will require a maintenance team of up to six people. Additional contractors will be needed for routine maintenance of batteries, inverters, and the site.



Industries like accommodation, food and beverage, and community services will benefit from increased activity in the area during construction.



A community benefits sharing program will be developed in consultation with the community. This will provide support for local initiatives and activities.

Have you got an idea for community benefits? We'd love to hear from you! Get in touch with the contact details at the bottom of the page.



### Stay in touch

You can find more information on the project and register for updates on our website by scanning the QR code, or by getting in touch below.



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