

Proposed Energy Storage in Kurri Kurri

Community update #1
February 2026



Ausgrid is planning for the energy network of the future, now. This involves looking for ways to enhance the reliability and efficiency of our energy network. As part of this, we're investigating energy storage in Kurri Kurri.

This project would store up to 800MWh of energy – that's enough to power up to 27,000 Ausgrid households a day.

NSW needs six times more energy storage before 2030 to help keep our electricity supply stable. We are investigating an energy storage project next to our existing substation at Kurri Kurri.

This project would store energy when there is a lot of it, such as in the middle of the day when renewable energy production is high, and then release it when people need it.

More energy storage on our network means we can provide our customers with more sustainable, more reliable and more affordable power.



The project would be located next to our existing substation at 28 Johnson Avenue, Kurri Kurri, on Ausgrid-owned land.



Store up to
800MWh
of energy



Power
27,000
households
a day

How does energy storage work?

Energy storage captures electricity when there is plenty available and releases it when demand is high. It plays a critical role in ensuring the reliability of electricity supply for households and businesses.

As we transition to new forms of energy, there is more variability in when energy is produced. This energy generation, such as solar and wind, doesn't always produce electricity at times that match when we use it. Energy storage matches energy generation and energy use. It stores excess electricity from both traditional power generators and renewables, then feeds it back into the network when it's needed.

Connecting energy storage to our existing substations reduces impacts on our communities and the environment. It also reduces the need to build large transmission and distribution lines, which helps reduce costs and makes electricity more affordable.



Enabling more renewable energy



Reducing the need for new transmission lines



Improving grid stability and reliability



Local construction jobs



Enabling more affordable electricity

Next steps

We are in the early stages of investigating an energy storage project at our Kurri Kurri substation.

We will share more information throughout 2026 as our investigations continue and more details are available. In the coming months, we plan to lodge a Scoping Report with the NSW Department of Planning, Housing and Infrastructure.

This report will outline the project's key issues and seek feedback from the local council and other government agencies before we begin any technical studies.

We want to hear from you

We want to hear from the local community and answer any questions you might have. The feedback we get from this early consultation will help to shape the proposed project.

If you'd like to talk to the project team, please get in touch with us via **1800 574 044** or **batteries@ausgrid.com.au**.

There will also be more opportunities to get involved throughout 2026.

For more information scan the QR code or visit **yoursay.ausgrid.com.au/kurrikurribess**



Find out more

There are many ways you can stay up to date with the project and have your say by visiting our project website at:



yoursay.ausgrid.com.au/kurrikurribess

The website includes:

- upcoming community engagement opportunities
- project information, facts sheets, and newsletters

We want to hear from local community members about our project and answer your questions.

Register to stay up-to-date or contact our project team for more information.



1800 574 044

Monday to Friday, 9am to 4:30pm



batteries@ausgrid.com.au



Ausgrid BESS Project Team
GPO Box 4009 Sydney NSW 2001



If you need an interpreter, please call the Translating and Interpreting Service on **131 450** and ask them to call the project team on **1800 574 044**. The interpreter will then help you with translation.