

Proposed Energy Storage in Kurnell

Community update #2
August 2025

Ausgrid is investigating a battery in Kurnell to add energy storage to the local electricity network.

We're planning for the energy network of the future, now.

In July 2025, we spoke with the local community about our plans for energy storage within our existing substation.

Thank you to everyone who joined us at the Community Information Session on 3 July 2025, completed our online survey, or reached out via phone and email. We also attended a meeting with Kurnell Progress and Precinct Residents Association on 16 July 2025 – thank you to everyone who asked questions and provided feedback at this meeting. Your feedback is helping shape the future of our project.

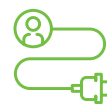
This newsletter outlines what we heard, what we're doing next, and how we'll continue to keep you informed.

Kamay Energy Storage

While early planning investigation continues, a name is required for engagement purposes. Following conversations with Aboriginal stakeholders, the project has been named Kamay Energy Storage. 'Kamay' is the Aboriginal name for Botany Bay and reflects the cultural significance of the area.








Store
120MW/2hrs
of energy



Power
16,200
households
a day



What you told us and how we're responding

You told us...	How we're responding...
 <p>Safety is a priority and fire risk must be managed – especially emergency access via Captain Cook Drive.</p>	<p>Fire safety and emergency access via Captain Cook Drive will be carefully considered.</p> <p>We'll complete a Preliminary Hazard Analysis as part of the Environmental Impact Statement (EIS) to identify potential risks. If the project proceeds, a Fire Safety Study will follow, outlining how we will manage emergency access.</p>
 <p>Protecting the environment matters – including wetlands, wildlife, and air quality.</p>	<p>We're taking proactive steps to manage environmental impacts.</p> <p>Targeted studies on biodiversity, air quality, and contamination will shape the management measures we put in place. We'll share the findings and clearly outline the actions we'll take to protect surrounding areas.</p>
 <p>Noise impacts need to be managed – especially for nearby homes.</p>	<p>Noise impacts on nearby homes will be carefully assessed and managed.</p> <p>We'll complete a detailed assessment of expected noise levels and consider design measures like noise walls to reduce disruption if needed.</p>
 <p>Coordination with other projects is important, ensuring we manage potential cumulative impacts.</p>	<p>We know about other proposals in the area and are considering all cumulative impacts.</p> <p>Throughout the process, we'll speak with relevant stakeholders to reduce cumulative impacts and avoid unnecessary overlap.</p>
 <p>Clear information and transparency are valued – especially around the technical studies and the planning process.</p>	<p>We'll keep the community informed at every stage of the project.</p> <p>The Scoping Report sets out the technical studies we're doing, and we'll provide clear updates as the planning progresses.</p>

Kurnell – Energy Storage as a Service

Ausgrid has installed community batteries throughout its network. In Kurnell, there's a community battery mounted on a power pole along Captain Cook Drive near Polo Street.

This battery allows residents to benefit from energy storage as if they had a home battery, helping reduce electricity costs by using locally stored energy. Residents near the battery can sign up through a participating energy retailer to start saving money on their home electricity bills.

Check your availability here



<https://www.ausgrid.com.au/In-your-community/Community-Batteries/Energy-Storage-as-a-Service>



Kurnell community battery

We understand the importance of transparency and will continue to share information as the project progresses.

About Kamay Energy Storage

Ausgrid is exploring the feasibility of a Battery Energy Storage System (BESS) at its existing substation located at 171-189 Captain Cook Drive, Kurnell.

The project will have a capacity of around 120 MW with two hours of storage, and is designed to store energy and release it during times of high demand – helping to improve stability and resilience across the electricity network. By using land already owned and managed by Ausgrid, the project avoids the need for new land acquisition or transmission infrastructure.



Next steps

We're currently finalising our Scoping Report, which we will lodge with the Department of Planning, Housing and Infrastructure (DPHI) this month (August 2025).

This Report will outline early planning and feasibility findings and help determine the technical studies required for the Environmental Impact Statement (EIS).

What to expect

1 August 2025

Scoping Report lodgement.

2 Late 2025

Technical studies begin: These will assess fire safety, hazards, biodiversity, heritage, noise, traffic, visual, social and economic impacts, and more.

3 Ongoing

Community updates: We'll keep you informed about assessment outcomes, how feedback is being addressed, and what comes next.

Staying connected

We know this community is deeply invested in the future of Kurnell. We're committed to:

- Ongoing engagement
- Listening to your concerns
- Sharing clear, accessible information
- Responding to feedback through design and planning
- Keeping you informed every step of the way.

Next community update

You can expect to hear from us again in late 2025 after the Scoping Report is lodged, with details on technical studies and how they respond to your feedback.



Find out more

We'll keep our project website regularly updated with new information as it becomes available:

yoursay.ausgrid.com.au/kurnellenergystorage

The website includes:

- upcoming community engagement opportunities
- project information, facts sheets, and newsletters
- recorded online presentations about the project, delivered by our Project Team.

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.



yoursay.ausgrid.com.au/kurnellenergystorage



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.