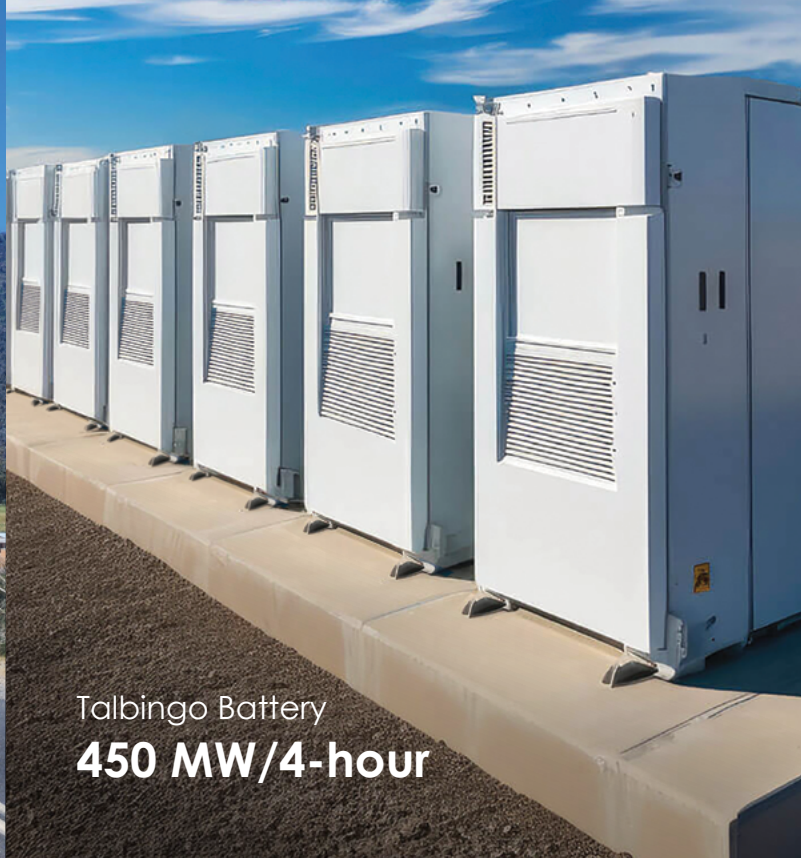


Talbingo Battery

Project factsheet
March 2025



ACE Power is developing a new Battery Energy Storage System (BESS) 2.8km south of Talbingo New South Wales as part of its commitment to transition Australia to a clean energy future.



The Talbingo Battery is a proposed NSW State Significant Development (SSD) utility energy storage facility. It has a 4-hour, 450 MW capacity

What is energy storage?

Batteries play a critical role in Australia's electricity network, supporting the reliability of the network and moderating energy price fluctuation.

Batteries absorb energy in the network in times of high supply and release the energy in times of high demand, allowing energy to be available when it is needed most. Often this involves soaking up excess solar energy during the middle of the day and then dispatching it into the morning and evening peak periods.

In addition to absorbing and dispatching energy, batteries ensure the safe and reliable operation of electricity supply. They help contribute to lower energy prices, relieve curtailment and constraints in the network and ensure a stable and reliable

supply of energy during extreme events like storms or equipment failures.

NSW's electricity consumers will continue to benefit from batteries as the network continues to modernise.

How do batteries differ from hydroelectric and pumped hydroelectric schemes?

Both batteries and hydroelectric generators are considered "dispatchable" generators, able to release energy when it is needed. Growth of both Australia's demands for electricity and growth of variable renewable energy generation has increased the demand for energy storage and dispatchable generators. These factors have underpinned ACE's assessment of the site as suitable for battery development.

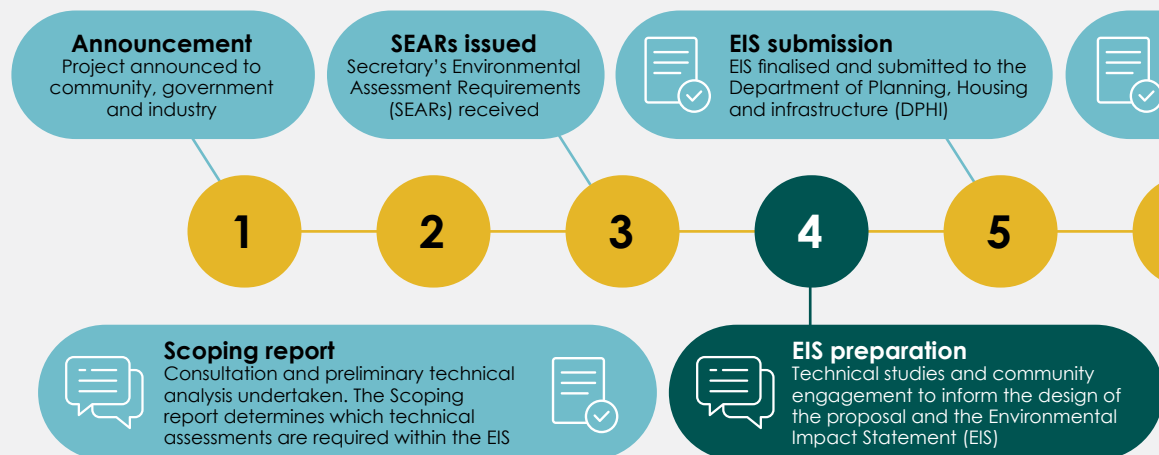
What we have heard so far

Feedback from early conversations with community and key stakeholders have highlighted a few key concerns.

- **Fire and bushfire** have been highlighted as a key concern for the community, and the community wants to understand how this will be managed and how firefighting activities will be impacted in the event of a fire at the Talbingo Battery.
- **Construction impacts** have been raised with concerns over accommodation shortages, traffic impacts and over capitalisation of local businesses during the construction period of the project.
- **Clearer communication and engagement** has been highlighted by the community to avoid confusion amongst ownership of the Project.

NSW State Significant Development (SSD) Application timeline

The Talbingo Battery is in the Environmental Impact Statement (EIS) phase of the NSW SSD application process - step 4 in the diagram on the right. ACE Power aims to submit the EIS at the end of Q2 2025.





Location

The Talbingo Battery is located on private land immediately adjacent to Transgrid's 330 kV Lower Tumut Switching Station, 2.8km south of the township of Talbingo.

The proposed Talbingo Battery will make efficient use of existing electrical infrastructure, notably the Lower Tumut 330 kV. Switching Station and nearby transmission lines, and is located about 700m from the Tumut 3 Power Station, the largest operating hydroelectric generator in Australia.

The Talbingo Battery will assist in firming the electrical network and providing system services to the electrical network in NSW.

ACE Power acknowledges that the proposed site for the Talbingo Battery is on the traditional lands of the Ngarigo and Wolgalu Peoples. We recognise their continued connection to Country and culture, and we pay our respects to Elders past and present.

Assessment and timing

In 2024, ACE Power commenced the initial stages of the NSW SSD planning applications, called a Scoping Report. The Project submitted a Scoping Report in November 2024 and received Secretary's Environmental Assessment Requirements (SEARs) on December 19th, 2024.

SEARs are issued in response to a Scoping Report and list the information and detailed specialist assessments that need to be undertaken in the Environmental Impact Statement (EIS) phase of the development application.

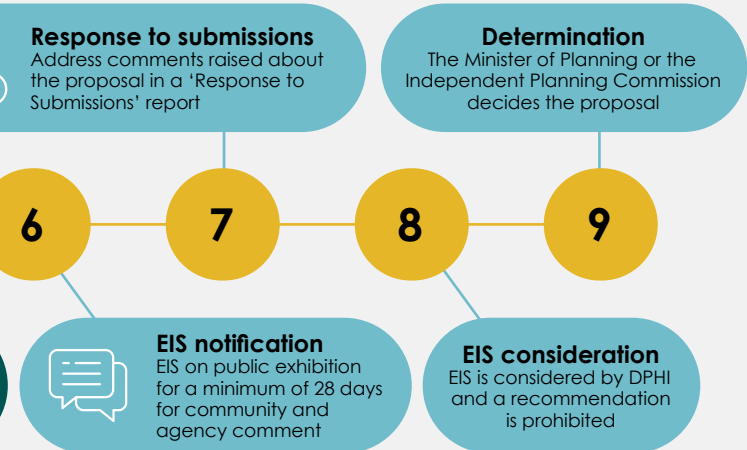
ACE Power is currently preparing an Environmental Impact Statement (EIS) based on SEARs. The Project anticipates the EIS will be completed by mid-2025.

What is an Environmental Impact Statement?

An Environmental Impact Statement (EIS) is a comprehensive document that provides detailed information about a projects potential impact on the environment. The required environmental assessments for the Talbingo Battery are outlined in the SEARs.

The Talbingo Battery EIS will address:

-  Aboriginal and historic heritage
-  Biodiversity impacts, including impacts to species and ecosystems
-  Economic impacts and benefits of the project for the region and state
-  Hazards, including impacts to human health, dangerous goods and bushfire
-  Impacts to land use, including site suitability and the use of the site and surrounding land practices
-  Landscape and visual impacts
-  Noise impacts
-  Social impacts, including impacts to community amenity, workforce accommodation and cumulative demand on local infrastructure and services
-  Transport and traffic impacts during construction, including oversized vehicles
-  Waste
-  Water impacts, including impacts to surface and groundwater





About ACE Power

ACE Power are experts across the entire lifecycle of renewable energy projects, and are committed to accelerating the transition of Australia's electricity network with clean, reliable energy. Our experienced team is headquartered in Sydney with a local presence in Queensland, Western Australia and South Australia, and has decades of industry expertise in developing, financing and delivering renewable energy projects.

With a strong focus on collaboration with local communities and providing an overall positive impact to the community and environment, ACE Power is developing its 10 GWp pipeline with a technology mix focusing on onshore wind, solar and battery projects situated at strategic locations across Australia.

ACE Power is backed by shareholder and partner, Pelion Green Future, a leading clean energy and sustainability investment holding focused on facilitating the clean energy transition globally.

Find out more and stay involved

ACE Power will progressively share information about the Talbingo Battery as it becomes available. To ensure you stay up to date on the project, please visit our website and subscribe to our newsletter.

Website acepower.com.au/talbingo/

Benefits

- Provide network "firming" by absorbing energy from the network during times of lower demand, storing it, and releasing the energy during periods of higher demand, ensuring energy is available when it is needed most.
- Increase economic activity locally (through employment, local spend and planning benefits) and more broadly through grid investment (electricity security for the region).
- Assist Australia's energy transition from fossil fuels to renewable energy and contribute to achieving net-zero emissions by 2050
- Provide a range of network services, including system strength services that improve network reliability to the transmission and distribution networks in the area.
- Deliver direct employment and labour opportunities.
- Provide benefits through a broader Community Benefit Scheme.

Acknowledging cumulative impacts

NSW's energy landscape is changing rapidly and this has the potential to impact local communities. ACE Power understands coordinated development of other projects in the region is a priority for neighbours and residents and is committed to working with other developers in the area, to mitigate the cumulative impacts of our proposed development and coordinate legacy outcomes and benefits for the community.

We will also consult with neighbours, agencies, Councils, Traditional Owners, interest groups and the community as a priority and consider feedback, including any feasible suggestions for avoiding or reducing project impacts or improving our overall concept design.

If you have a question or would like to know how else you can be involved in the project please don't hesitate to contact us.

Email talbingo@acepower.com.au

Phone 1800 293 053

