



NORTH HARBOUR CLEAN ENERGY

TEMORA BATTERY ENERGY STORAGE SYSTEM

COMMUNITY
INFORMATION
SHEET

MAY 2026



North Harbour Clean Energy (NHCE) is an Australian company planning to develop a Battery Energy Storage System (BESS) in Miners Street, Temora.

Community Information Drop-in May - June 2026

As we prepare to lodge our development application with the State government, we will hold a series of Community Information Drop-In Sessions in May and June 2026 to share the outcomes of the Project's technical assessments and answer any questions you may have.

Further details, including dates and locations, will be confirmed closer to the time

Complete our survey

Please scan the QR code to complete our survey and provide your comments and feedback on the Temora BESS



Project Overview

The Temora Battery Energy Storage System (BESS) (the Project) involves the construction, operation and decommissioning of a 80 MW / 320 MWh BESS, providing up to four hours of energy storage.

Key infrastructure for the proposed development includes lithium-ion battery units, cabling, transformers, parking, storage areas, fencing, lighting and temporary construction facilities.

The BESS will assist in matching electricity supply with consumer demand by storing excess electricity during periods of high supply and releasing it during peak demand, helping stabilise the grid and improving energy reliability.

Subject to approval, construction is expected to begin in 2027 and take approximately 12-18 months. The operational life of the BESS is anticipated to be 20-25 years, with potential upgrades to extend this timeframe.

Site Selection

The site was selected after careful consideration of planning, community, environmental, grid and commercial factors. Key factors include:



Proximity to the Temora Zone Substation, offering efficient connection to the grid and reducing overhead transmission lines



Land suitability (vacant, limited vegetation removal required and minimal environmental impacts)



Good accessibility to the regional road network



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<https://nhcleanenergy.com/upper-hunter-battery-energy-storage-system/>

PROJECT UPDATE

NHCE is working closely with the community to understand local values and ensure feedback meaningfully informs the project's design and planning.

Feedback received to date has provided valuable insight into community priorities, key concerns, and opportunities for local benefit through the project's benefit-sharing framework.

Technical assessments and community and stakeholder engagement have progressed to support ongoing design development:

Main community concerns heard:


- Impacts on local amenity (noise, visual)
- Fire hazard and public safety.

Main community benefits:


- Support for local initiatives and organisations
- Local jobs and procurement opportunities
- Contribution to a more reliable and diversified energy supply.

How we're addressing concerns and enhancing Project benefits:

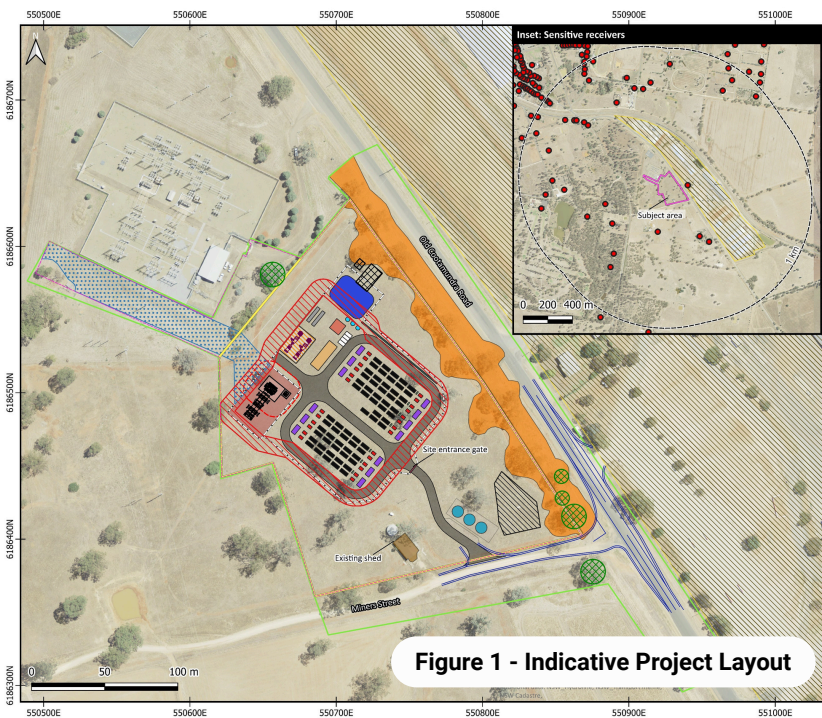
- Developing mitigation measures to reduce amenity impacts
- Preparing fire risk assessments and management plans with the Aberdeen RFS and NSW Fire and Rescue
- Committing to community benefit contributions shaped by local feedback.



Meetings held with the proximal residents and landholders, Government Agencies, First Nations Stakeholders, Local Community Groups, Service Providers and Environmental Groups.



Technical assessments and site surveys have commenced for noise, traffic and transport, biodiversity, bushfire, hazard, landscape and visual, hydrology, hazard and social and economic impacts.



- Sensitive receivers
- ▨ GrainCorp Agricultural stockpile site
- ▨ Critical vegetation exclusion zone
- ▨ Tree protection zone
- Site boundary
- Road upgrade
- ▨ Indicative project layout
- ▨ Study area
- ▨ Project lot Lot 2/DP609354
- ▨ Indicative connection corridor
- ▨ Fence
- ▨ 10 m Fire clearance
- ▨ 11m Asset protection zone (APZ)
- ▨ Internal roads
- ▨ Laydown area
- ▨ Rip rap
- ▨ Containers
- ▨ Core support enclosure
- ▨ Dish drain
- ▨ Fire water tank
- ▨ Fluence GSP 5000
- ▨ Future harmonic filter area
- ▨ MV Skid
- ▨ O&M Building
- ▨ Parking
- ▨ PE Inverters
- ▨ Retention pond
- ▨ Substation area
- ▨ Switchroom
- ▨ Other water tanks (Potable water/ stormwater tank/ septic tank)

Figure 1 - Indicative Project Layout

Project Design Refinements

Amenity impacts: quieter battery modules selected, reduced visibility from nearby residents, and exploring landscaping and screening options.

Safety and fire risk: project layout provides suitable separation from sensitive receivers, and we are working closely with the tech provider and independent specialists to ensure risks are thoroughly addressed.

Go to our website for more information

Scan the QR code to visit our website



More information - For more information about the Project, please visit our website or contact us.