

Heywood BESS

February 2025

Project overview

Atmos Renewables is proposing to develop the Heywood battery energy storage system (BESS), a large-scale battery north of the existing Heywood Terminal Station.

The project aims to provide additional storage for the electricity grid, strengthen the region's energy stability, lower wholesale energy prices and support the transition to net-zero.

The conceptual capacity of the BESS is up to 300MW /1,200MWh, providing 4 hours of energy storage. The battery and associated infrastructure has a footprint of approximately five hectares.

The project is in its early stages of concept design and planning and Atmos is seeking early feedback on the proposal.



300 MW / 1,200 MWh
storage capacity



100+ jobs created
during peak construction



Additional dispatchable storage and stability
for the National Electricity Market

What is a BESS?

The proposed Heywood BESS will connect into the national electricity grid via an underground transmission cable, located within the existing 500kV cleared easement that runs between the Heywood Terminal Station.

The BESS will store electricity from the grid at times of excess energy production, then, at times of increased demand, it can discharge that stored energy back into the grid. This demand response can contribute to reducing wholesale electricity prices.

The project comprises modular BESS and inverter units, each similar in size to a 20-foot shipping container. The project requires associated infrastructure such as an on-site substation. The construction will include civil earthworks, fencing, landscape planting, drainage and fire-fighting infrastructure.



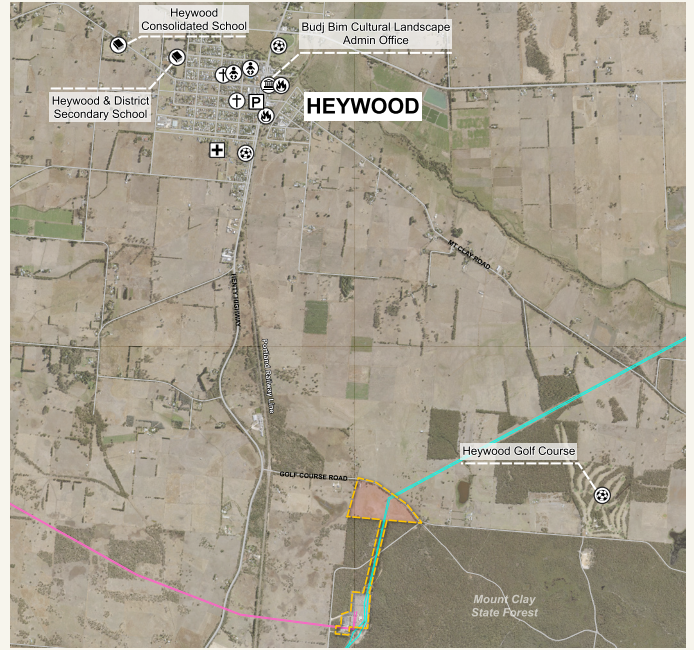
Location

The selected site is strategically positioned close to the Heywood Terminal Station and on the existing overhead high-voltage transmission corridor.

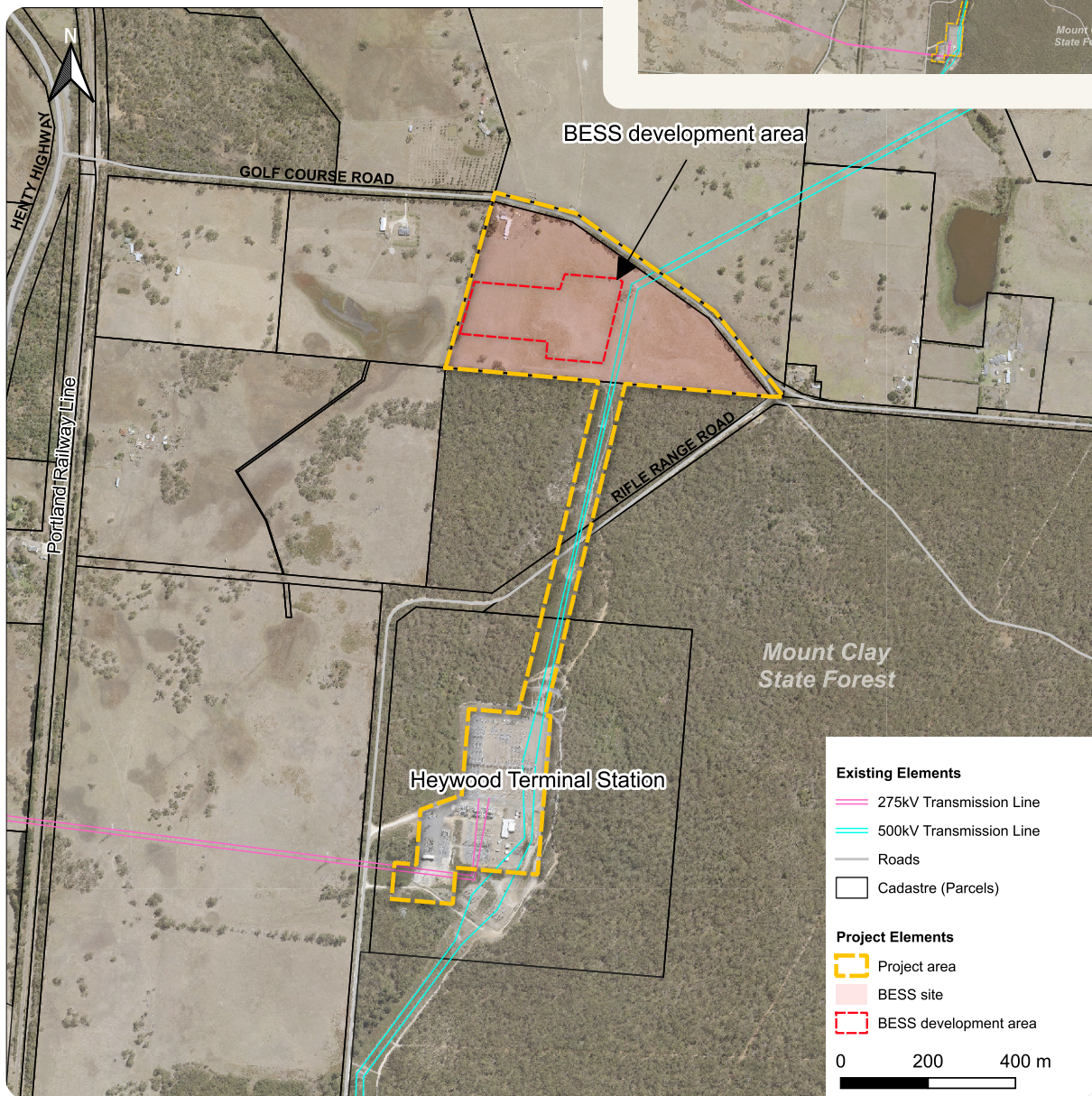
The site is approximately five kilometres south-east of Heywood on Golf Course Road, adjacent to agricultural land and Mt Clay State Forest.

This location is optimal as it provides access to existing electrical substation infrastructure and the Henty Highway.

Community Context Plan



Project area plan



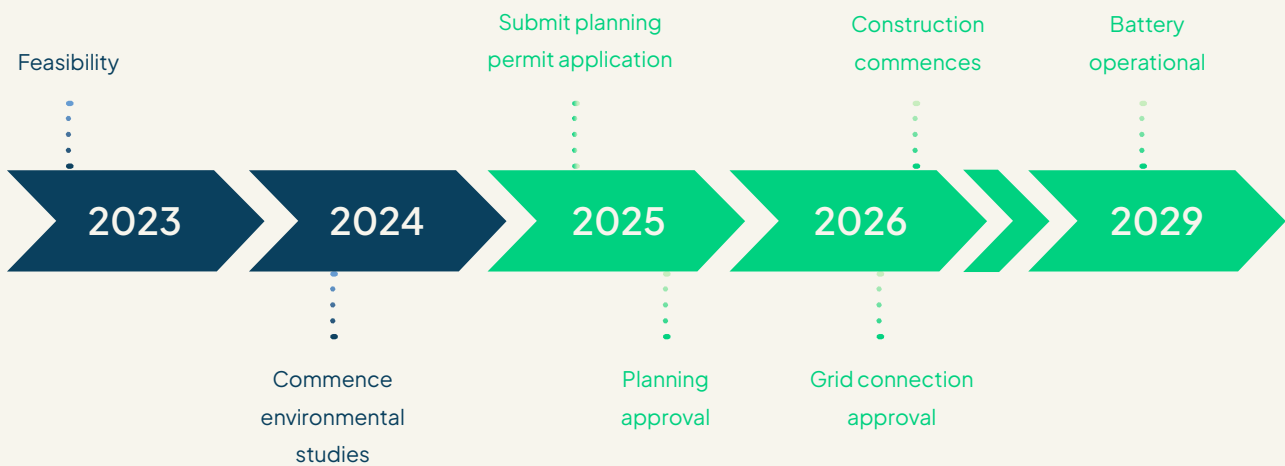
Project approvals

The Project is in the early design and planning phase, with technical assessments underway across a broad range of considerations. These investigations will inform the layout and to support a planning permit application, to be lodged later in 2025.

The Heywood BESS requires planning approval, via a planning permit application, from the Minister for Planning. The planning permit assessment determines the appropriateness of the proposed land use and development to its location.

The Project will require other approvals, including grid connection and a cultural heritage management plan. Atmos is committed to ensuring the Project considers, addresses and mitigates relevant considerations and risks.

Proposed timeline



Community engagement & benefits

Atmos is committed to an open and transparent engagement process and to ensure the project benefits the Heywood community. We are engaging with nearby landowners, businesses, the broader community, First Nations groups and other stakeholders to inform the design of the BESS. Please contact us to discuss your questions and feedback.

Atmos have met with Gunditj Mirring Traditional Owners Aboriginal Corporation (GMTOAC) and will continue to explore opportunities for support and collaboration, alongside undertaking a cultural heritage management plan.

Key community benefits of the Project include:



Direct investment and local contracting opportunities, particularly in civil works and fabrication.



Contribution to a growing sector with other energy projects in the surrounding area, allowing critical mass in education, skills training and contracting opportunities.



A significant community benefit-sharing scheme, with opportunities for meaningful investment in Heywood organisations and projects, as well as the broader Glenelg Shire area.



Electricity grid benefits, with energy storage contributions able to lower wholesale electricity prices and improve grid stability.

About Atmos Renewables

Atmos is a developer, owner, and operator of utility-scale renewable energy generators across the Australian National Electricity Market. It is Australia's fifth largest renewable energy generator and owns or holds an interest in seventeen operational Australian wind and solar farms.

Our mission is to be part of the solution to decarbonising Australia's electricity network by building and operating a portfolio of renewable energy generation and storage assets while achieving positive environmental outcomes and lasting relationships with local communities.



Reliable Expertise in Renewable Energy

Atmos is a trusted authority on renewable energy, with a consistent track record, proven technology and a committed development pipeline.



Nurturing Lasting Relationships

We're not just building projects, we're building relationships with landowners and local communities.



Transparency for Empowered Decision-Making

We support stakeholders and communities to understand the implications of renewable energy projects and actively engage in the decision-making process.



Shaping Australia's Clean Energy Future

We're working alongside Government, industry and community to power a sustainable future for Australia.

How to get involved

We want to ensure the Heywood BESS benefits the local community and we value your input at this early stage.

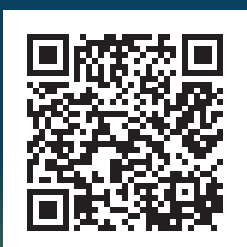
To learn more about the Heywood BESS, please scan the QR code below or visit our website at:


 www.atmosrenewables.com.au/project/heywood-bess/

If you have any questions or feedback, please contact us at:

 info@atmosrenewables.com.au

Atmos is committed to open and transparent engagement with the community and all interested parties. We take your thoughts, questions and comments seriously.



 info@atmosrenewables.com.au

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