

Newsletter

Pleystowe 2025

Pleystowe Energy Storage System

Trina Solar (Trina) is proposing to construct and operate a Battery Energy Storage System (BESS), located at 244 Pleystowe School Road, Pleystowe, approximately 2.5 kilometers northwest of Walkerston and 13 kilometers west of Mackay in Queensland. The purpose of the development is to assist the national electrical grid at times of peak demand and in times of emergency. The proposed project will have a maximum development footprint of 9.5 hectares and is expected to have a capacity of 200MW / 800MWh.

The Pleystowe BESS will utilise the latest technology in the sector, complying with all safety and hazard parameters that are highly regulated by the Australian Government. Design and layout of the project will be compliant with local planning laws and will specifically aim to minimise any potential environmental, cultural heritage and neighbour impacts.

Construction and operation of the project would involve the following key components:

200 MW / 800MWh BESS including:

- An onsite substation connecting to the existing 132kV terminal substation
- Associated infrastructure including transformers and inverters
- Internal access tracks
- Operations and maintenance (O&M) buildings, offices, staff amenities Switch yard
- Parking site

Temporary infrastructure, including construction facilities, site offices and amenities, tool and material storage sheds, construction staff car parking, component laydown areas and truck parking and unloading would also be required.

What are the benefits of the BESS?

Increases clean energy storage

The BESS improves the stability and reliability of the electricity network by storing energy during periods of low demand, and dispatching energy during periods of peak demand and emergency events.

Creates jobs

Approximately 82 full time equivalent (FTE) construction jobs and up to 10 contractors annually.

Income for local area

Diversify income and increase revenue to ancillary services such as food and accommodation to the local area.

The Planning and Approval Process

The Project will undergo assessment by Queensland's energy, environment, and planning authorities, along with input from Mackay Regional Council.

Trina is in early investigation stages for a development/license application and is currently assessing the limitations and restrictions of the project.

The information gathered at this stage will be compiled to ensure the development plans align with local landscape values and identity. These findings will inform the final planning permit/license application.

Once submitted, the relevant government authorities will decide whether to issue a development approval/license. Decisions will be able to be made in around four to six months and will be handled by a dedicated facilitation team.

Throughout the community engagement process, community and stakeholders will continue to be engaged.

Who is Trina Solar?

Trina Solar is an internationally recognised leader in solar farm developments, known for its supply of PV modules with its own manufacturing divisions of solar modules, trackers, electrolyzers, and Battery Energy Storage Systems (BESS).

With local offices in Melbourne, Sydney, Perth and Brisbane, the company has demonstrated its capability to deliver renewable energy projects by developing, constructing, and operating over 8GW of solar farm projects worldwide. Trina also has a strong pipeline of new projects currently in the development and construction phase, indicating its ongoing global commitment with the transition to clean energy and reaching net zero.

With an enviable global manufacturing division, significant record of accomplishment, Trina brings its demonstrated capability in renewable energy projects to the local Australian market. The company's expertise and experience make it well-positioned to play a

leading role in Australia's transition to renewable energy.

You can learn more here: <https://www.trinasolar.com>

Project Benefits

BESS developments provide reliable and efficient energy by stabilising the grid and shifting the supply of electricity from times of high supply and low demand to times of low supply and high demand. The Project will help Australia to reduce its emissions, improve national resilience in energy supply and support affordable clean energy for Australians. The Project will also provide benefits to the local community.

The development would support around 82 full time equivalent (FTE) construction jobs at peak construction, and up to 10 contractors annually. It will also diversify income and increase revenue to local service providers such as food, lodging, and tourism operators in the local area. Should the Project be approved, Trina Solar will be reaching out to local businesses and service providers about opportunities to participate in the Project.

The Project will also significantly contribute to Queensland's target of achieving 70% renewable energy by 2032 as part of its Energy and Jobs Plan.

Local Support

Trina is always looking for ways to invest in the community to help support local initiatives and improvements. We would love to hear your ideas on local priorities and how to share project benefits in the community.

Please share your ideas on how we can invest in your community by attending the community information drop-in session or by emailing

PleystoweBESS@trinasolar.com.

Current Engagement

The technical and environmental assessments and the associated community engagement activities are being managed by ERM – an Australian environmental, social, and planning firm.

Trina is currently working with ERM to gather information from locals to help inform the Mackay Regional Council.

On 18 & 20 February 2025, Trina Solar will host two drop-in information sessions to provide information to interested parties in the community, answer questions, listen to concerns, and take feedback.

Community Survey

We would like to hear from you and value your feedback to help us improve the project. Your input is essential in shaping a project that benefits the community. Please share your thoughts with us through the survey available on our website.

Future Engagement

Our planned engagements over the coming months include:

- Ongoing discussions with nearby landowners
- Email/letter updates to the stakeholder database focused on assessment activities
- Presentations to a range of groups, including the the Mackay Regional Council.
- Running an online survey focused on capturing thoughts on key issues and landscape values
- Discussions with local media

How to Leave Feedback

Your ongoing feedback is important, and you are encouraged to complete the community feedback survey by visiting <https://pleystowebess.com.au/>

FAQ

The FAQ section is accessible on the project website and can also be reached by scanning the QR code below.

