

Mossman Gorge Microgrid Project Update

July 2026



‘Light’ is shining on the Mossman Gorge Microgrid

While we have already achieved some great milestones on the Mossman Gorge Microgrid Project, none has shone quite so bright as the installation of the wrap on the Battery Energy Storage System (BESS).

Microgrid wrap installed

In this update we are going to share a visual feast with you, showcasing the BESS wrap and celebrate the featured artwork ‘Light’ and its creator, artist Karen Gibson.

The microgrid BESS has been transformed from a plain, bland white cabinet into a visual work of art that nestles beautifully into its surroundings in the heart of Kuku Yalanji Country - see figures 1 and 2.



Fig 1 - The Mossman Gorge Microgrid's BESS unit before the wrap was applied.



Fig 2 - The Mossman Gorge Microgrid's BESS unit has been transformed with the application of the wraps.

The team from Inspired Signs – a local Far North Queensland sign company - meticulously applied the wrap to the BESS, bringing our vision to life.



Fig 3 - Uncle Roy dropped in to look at the wrap installation and have a yarn with the team from Inspired Signs about the project.



The BESS wrap is already turning heads with a range of people stopping by to check out the amazing artwork, including local Elder Uncle Roy Gibson, the team from the Mossman Gorge Cultural Centre, artist Karen Gibson and the BBN Board– see figures 3, 4 and 5.



Fig 4 – The team from Mossman Gorge Cultural Centre dropped in to get a closer look at the wrap.



Fig 5 - The Bamanga Bubu Ngadimunku Chair, Directors and General Manager proudly admire the microgrid artwork and the connection with local culture.

Celebrating the bringing of Light, Culture and Country through microgrid artwork

With the microgrid artwork now proudly displayed on the BESS, the project takes on a powerful new dimension - one that brings together Light, Culture and Country in a meaningful and visible way.

This artwork is the result of genuine collaboration and deep respect for the Mossman Gorge community. We are honoured to feature the work of Karen Gibson, whose design reflects not only her artistic vision, but the cultural stories and connections that have been generously shared through ongoing engagement with Traditional Owners and community members.



Fig 6 – Artist Karen Gibson

Through Karen’s artwork, the concept of *Light* becomes more than energy - it represents knowledge, connection and continuity. The design is grounded in Country, acknowledging the enduring relationship between people, place and culture, and ensuring the microgrid is not just built on Country, but shaped by it.

Karen’s contribution transforms the BESS from a piece of infrastructure into a living canvas - one that celebrates community, respects cultural heritage, and reflects a shared commitment to working together. It stands as a visual reminder that this project has been guided by partnership, listening, and a commitment to embedding local voices in every stage.

We’ll soon be spotlighting Karen and her artwork in more detail on the project webpage, including sharing the story of ‘*Light*’.

Keep an eye out for this artist feature to learn more about the meaning of this striking addition to the Mossman Gorge microgrid.



Fig 7 – the story of ‘*Light*’ will soon be featured in the artist spotlight on our project webpage.

Recognising the contributions of our microgrid partners

Central to our microgrid project has been the extensive collaboration with our project partners. While we can't recognise everyone who partnered with us, we have dedicated the end panel of the BESS to acknowledge the importance of the project and recognise our key project partners.

The heart and soul of these partnerships have been the Mossman Gorge community, led by Uncle Roy Gibson and the Bamanga Bubu Ngadimunku (BBN) Board of Directors and staff, who helped us to understand the community, their ambitions, and more about the Country upon which the microgrid is located. Their guidance and advice have been instrumental in helping the project team engage with the community and shape our events, activities and engagement.

A special mention and our sincere thanks to Mossman Gorge Cultural Centre and the Indigenous Land and Sea Corporation, who kindly granted us an easement over a section of land in a prime location - to admire the microgrid artwork - at the entrance to the Mossman Gorge Cultural Centre.

We thank Pacific Energy for their valued partnership in delivering a high-quality Australian-made microgrid solution.

And thank you to the Queensland Government who provided funding for the project under the Queensland Microgrid Pilot Fund.



Fig 8 – Acknowledging our project partners.

Project next steps

It takes significant expertise and experience to introduce and integrate new technology like the microgrid into the electricity network.

Several of Ergon's specialist teams have been working both on the ground in Mossman, and behind the scenes in their workshops, labs and control rooms, to prepare for this important next phase, building the systems, processes and connections required to safely integrate the microgrid with the local network.

The team will be on site in mid to late August with the microgrid manufacturer to commission the microgrid. To commission the unit, the team will need to simulate the 'real world' environment in which the microgrid is expected to operate - including detecting outages on the network, where it is designed to disconnect from the network and operate as a microgrid in 'island mode'.

To simulate this, we will need to have some short power outages to complete a full range of integration testing. The integration testing is scheduled to commence in August and customers affected by these outages will be notified in advance.

Our project team will also be running a training session for the local Ergon team at Mossman and other internal teams so that it is fully supported when it is operational at the end of August.

The team will then monitor the microgrid's performance over several months to ensure that it is fully integrated and operational with the network.

Community feedback shapes our engagement

Feedback from the project surveys continue to shape our engagement activities and approach.

The last round of the survey was open to a much broader group of stakeholders through a variety of engagement events and energy resilience "Get Ready" sessions at the Mossman Community Centre and Port Douglas Neighbourhood Centre. Some of the key themes from the feedback include:

- **Confidence in community readiness** has improved. Perceptions of preparedness for natural disasters and outages increased, reflecting the positive impact of recent preparedness messaging and activities.
- **Trust and engagement** related measures - such as Ergon's willingness to listen and work with the community - remains strong.

You can see the Survey Report Cards on our project website.

**Another deadly prize pack up for grabs
- have your say and win!**

Our next project survey is now open and ready for your feedback.

Complete the survey for your chance to win a deadly energy resilience prize pack, featuring a solar-powered battery bank, rechargeable emergency radio and torch, and a rechargeable fan - perfect for your summer emergency kit.



Fig 9 – Complete our short project survey to go into the prize draw for this deadly prize pack!

Your feedback helps us shape engagement, improve how we communicate, and ensure the project reflects what matters most to you. Plus, you could be our next lucky winner!

🇬🇧 Survey open – enter now! 🇬🇧

Simply scan the QR code or pick up a hard copy from the BBN office, O’Hub, or MEJG to go into the draw.

Terms and conditions apply.



Keep up to date on the project

Want to know more about the Mossman Gorge Microgrid Project? You can [visit our project webpage](#) for more information. Or to have a yarn with our Senior Community Engagement Advisor, Kate Austin, phone 1300 653 055, or email: NetworkProjectEngagement@energyq.com.au

If you touch something that gives you an electric shock or tingle, the next thing you touch should be your phone.

Report shocks and tingles immediately
Call us on 13 16 70

ergon.com.au

Part of Energy Queensland