

Magnetic Island Network Upgrade Project Update



December 2024

We're boosting the resilience of Magnetic Island's electricity network with pre-storm season upgrades

Magnetic Island upgrades

A range of upgrades to boost the resilience of the electricity network were completed by our crews in Arcadia, Picnic Bay, and Nelly Bay throughout November.

These upgrades include replacing and upgrading several poles in Arcadia and Nelly Bay, as well as reconductoring high voltage powerlines, and replacing and bunch of cross arms and other hardware – see Figure 1. Thanks to Julie from Nelly Bay for this great pic of our crews at work.



Fig 1 – Crews replacing crossarms and other hardware in Nelly Bay.

Although the network upgrades associated with this phase of the project are now complete, our asset inspectors continue to perform cyclic inspections of the electrical assets on the network.

Where they identify maintenance requirements, the work is packaged for our crews and contractors to complete.

Mainland network upgrades

As part of the project, we're also investigating the benefits of upgrading a section of the Townsville Marina No. 10 cable, one of two 11,000-volt (11kV) underground/undersea cables that supplies electricity to Magnetic Island from a switching station on The Strand Foreshore.

Our contractors have recently completed soil testing on The Strand foreshore – see Figure 2 below.



Fig 2 – Contractors conducting soil tests on the Strand.

These soil tests will confirm the stability of the ground around the cable. This will help inform our decision-making for the proposed upgrade and, if this part of the project goes ahead, the contractor's plans for excavation at the site.

Season's Greetings

Ergon's Magnetic Island Network Upgrade project team would like to sincerely thank you for your patience and support in 2024.

The project will take a short break over the festive season, and we will be back in January 2025 with more information about the next phase of our upgrades to the electricity network on Magnetic Island.

We wish you and yours a safe and happy Christmas and a prosperous New Year.

Best wishes from the Magnetic Island Network Upgrade Project team.

Getting in touch with us

Want to know more? You can [visit our project webpage](#) for more information.

You can **register for future project updates by simply scanning the QR code**, or contacting our Senior Community Engagement Advisor on 1300 653 055 or email us at:

NetworkProjectEngagement@energyq.com.au

