

Magnetic Island Network Upgrades - Construction Notice



November 2024

What are we doing?

We will be completing a range of network upgrades on the overhead electricity network at various sites on Magnetic Island over the next couple of weeks. These upgrades will commence in Arcadia on Wednesday 6th November.

When is the work scheduled?

Our teams will **mobilise to Magnetic Island on Monday 4th November** to prepare for these works. On this day, you may see an influx of vehicles on the island as our crews transport materials and equipment from the mainland. They will then complete some preliminary activities, like placing materials at the job sites and dressing poles and crossarms. These activities will help to speed up the work on the day.

There will then be a series of jobs that will involve construction works and power outages at various locations across the island over the following days and locations:

- Wednesday 6th November – Hayles and Mirimar Crescent, Arcadia
- Friday 8th November – Nelly Bay Stage 1 - Kelly and Sooning Streets
- Monday 11th November – Nelly Bay Stage 2 - Sooning Street
- Tuesday 12th November – Nelly Bay Stage 2 - Kelly Street

More details about these jobs and related impacts are outlined below.

What you can expect

During these works you can expect the following:

Wednesday, 6th November – Hayles Avenue and Mirimar Crescent, Arcadia

We will be completing the following network upgrades around Hayles Avenue, Arcadia:

- Replacing and upgrading several poles – see Figure 1 for locations.
- Installing new stay wires
- Upgrading cross arms and a range of hardware
- Reconductoring several spans of high voltage powerline

These are part of the preliminary works required to upgrade the network in preparation for relocating a section of the 11,000-volt powerline out of the National Park between Nelly Bay and Arcadia.

Some of the impacts associated with these works include:

- There will be **an increase in vehicular traffic** in the area, including heavy vehicles, cranes, and utility vehicles, working in and around these sites.
- There will be localised traffic impacts on the day along Hayles Avenue in the vicinity of the Mirabel Avenue intersection. Traffic on this section of Hayles Avenue will be reduced to a single lane with stop and go traffic controls in place to manage traffic flow through the area. Traffic signage indicating changed conditions and speed limits around the job site will be in place. **Drivers can expect small delays during these works.**
- Traffic controllers will also assist pedestrians safely around the work site.
- **Access to driveways will remain open** with access in the work site guided under traffic control for everyone's safety.

- Our crews will require a power outage to safely complete the work. Properties affected by the power outage will be notified by mail with all the details.



Fig 1 - Location of new poles to be installed on Hayles Avenue and Mirimar Crescent, Arcadia.

Friday, 8th November – Nelly Bay Stage 1 - Kelly and Sooning Streets

The upgrades to the electricity network in Kelly and Sooning Streets in Nelly Bay will be completed across several days. Stage 1 of these works will commence on Friday 8th November with the following works:

- Replacing and upgrading two poles – see Figure 2 for locations
- Installing a new switch on a pole in Kelly Street
- Replacing several crossarms and general equipment on the network
- Installing a new stay wire
- Upgrading high voltage powerlines
- Installing low voltage spreaders mid-span on a long span of powerline to help prevent the powerlines clashing.

Some of the impacts associated with these works include:

- There will be an **increase in vehicular traffic** in the area, including heavy vehicles, cranes, and utility vehicles, working in and around the area.
- There will be minor localised traffic impacts on Sooning Street with traffic management signage indicating changed conditions and speed limits around the job sites.
- A section of Kelly Street will be reduced to a single lane with stop and go traffic control around the work area. **Drivers may experience small delays from time to time around these works.**
- Traffic controllers will also assist pedestrians safely around the work site.
- We will require a power outage to safely complete the work. If your property is affected by the power outage, you will be notified by mail with all the details.



Fig 2 - Location of new poles to be installed on Sooning Street and Kelly Street in Stage 1 of the Nelly Bay works.

Monday, 11th November – Nelly Bay Stage 2 - Sooning Street adjacent to the Medical Centre

On this day, we will be:

- Replacing and upgrading two poles on either side of Sooning Street, adjacent to the Medical Centre – see attached image for locations.
- Upgrading several cross arms and other hardware on the network.
- Reconductoring around 70 metres of high voltage, 11kV powerlines, along Sooning Street.

Some of the impacts associated with these works include:

- There will be **an increase in vehicular traffic** in the area, including heavy vehicles, cranes, and utility vehicles, working in and around the area.
- There will be minor localised traffic impacts on Sooning Street with traffic management signage indicating changed conditions and speed limits around the job sites.
- A section of Kelly Street will be reduced to a single lane with stop and go traffic control around the work area. **Drivers may experience small delays from time to time around these works.**
- Traffic controllers will also assist pedestrians safely around the work site.
- We will require a power outage to safely complete the work. If your property is affected by the power outage, you will be notified by mail with all the details.



Fig 3 - Location of new poles to be installed on Sooning Street as part of Nelly Bay Stage 2 works.

Tuesday 12th November – Nelly Bay Stage 3 - Kelly Street

Stage 3 of the Nelly Bay works in Kelly Street will involve:

- Replacing and upgrading two poles on Kelly Street – see Figure 4 for locations.
- Upgrading a stay wire.
- Relocating a switch from Warboys Street to Kelly Street
- Upgrading multiple cross arms and other network hardware in the area.

Some of the impacts associated with the Stage 3 Nelly Bay works include:

- There will be **an increase in vehicular traffic** in the area, including heavy vehicles, cranes, and utility vehicles, working in and around the area.
- There will be minor localised traffic impacts on Sooning Street with traffic management signage indicating changed conditions and speed limits around the job sites.
- There will be minor localised traffic impacts on Kelly Street with a section of the road reduced to a single lane with stop and go traffic control. **Drivers may experience small delays periodically.**
- Traffic controllers will also assist pedestrians safely around the work site.
- We will require a power outage to safely complete the work and customers affected by the outage will be notified by mail with all the details.



Fig 4 - Location of new poles to be installed along Kelly Street - Nelly Bay Stage 3 works.

Other impacts that may be associated with these works:

- Audible noise, dust and localised vibration from construction activities and heavy machinery can be expected.
- Reversing beepers and flashing lights are a safety requirement and will be used at all times during works.

We thank you for your patience during these works, which we aim to complete safely and quickly. For your safety and the safety of the workers on site, **please adhere to traffic signs and directions around our worksites**, so that everyone can get home safely.

Please also note:

1. If these works affect your power supply, you will be notified by mail of the details of the outage.
2. All works are subject to weather and other site conditions and published timing may change.
3. Not all work on Magnetic Island will be outlined in a Construction Notice or Project Newsletter. You may also see the Ergon crews and our contractors completing other work on Magnetic Island, like our regular maintenance activities and customer service jobs that are not part of these network upgrade projects.



Getting in touch with us

To keep up to date on the project, to provide feedback, or to **register for future updates via email or SMS**, scan the QR code or visit our project web page [Magnetic Island network upgrade | Ergon Energy](#). You can also contact our community team on 1300 653 055 or email us at: NetworkProjectEngagement@energyq.com.au

