

# Gracemere Substation Project – Construction Notice

8 September 2023

## What we are doing

As part of the Gracemere Substation Project, our contractors will soon **commence pulling the 66,000-volt (66kV) underground electrical cable** that will connect the Gracemere and Egans Hill substations.

The cable will run underground from the new Gracemere substation down to near the roundabout at the intersection of Lawrie Street, Broadhurst Drive and Gavial Gracemere Road, where it will connect with the overhead network out to Egans Hill.

This phase of work is scheduled **to commence on 11<sup>th</sup> September and is expected to be completed by the end of September.**

## What to expect

During these works the community can expect the following:

- To install the cable, **a large cable drum will be set up outside the Gracemere substation and fed through the conduit** using specially designed winches. The set up of the cable drum at the substation will look a lot like that shown in Figure 1.
- To pull the cable through the conduits **we will utilise two winches.**
- The first winch, which will bring the cable through the conduit and up to Lawrie Street, will be located at the top of John Street as shown in Figure 2.



Fig 1 – An example of an underground 66kV cable being pulled through conduit.

Fig 2 – Location of the cable drum at Gracemere substation and the first winch at the corner of John and Lawrie Streets.



- The second winch will be located adjacent to Whitman Street near the roundabout at the intersection of Lawrie Street, Broadhurst Drive and Gavial Gracemere Road – see Figure 3.
- To manage safety around these job sites, traffic signage indicating changed traffic conditions and/or speed limits will be used where required. If these measures are required, traffic will be guided under traffic control for everyone's safety. These precautions are not expected to cause any significant delays or congestion to traffic.
- Access to driveways and properties will remain open. Some **pedestrian detours may be implemented** around the areas where the cable drum and winches are set up. If and where this is required, these will be clearly signed.
- **Some audible noise** can also be expected during these works.
- An increase in vehicular traffic in the area can be expected from contractor vehicles and plant.
- **Reversing beepers and flashing lights** are a safety requirement and **will be always used** during works.



Fig 3 – Locations of the cable drum and winches.

We thank you for your patience during these works. For everyone's safety, please drive safely and obey traffic signage and traffic controllers on site so that everyone can get home safely.

## Getting in touch with us



To keep up to date on the project, to provide feedback, or to **register for updates via email or SMS**, scan the QR code or visit our project web page [www.ergon.com.au/gracemere-project](http://www.ergon.com.au/gracemere-project). You can also contact our Senior Community Engagement Advisor, Kate Austin on 1300 653 055 or email us at: [NetworkProjectEngagement@energyq.com.au](mailto:NetworkProjectEngagement@energyq.com.au)

