

# Gracemere Substation and Powerline Project

July 2017 – Issue 2

**Ergon Energy is investing in the electricity network in Gracemere to meet the community's growing demand for electricity and ensure a secure and reliable electricity supply into the future.**

Demand for electricity has grown with the local population and new housing estate developments, as well as with the level of commercial and industrial activity in the Gracemere Industrial Area.

To secure the future electricity needs of the Gracemere region, Ergon Energy is constructing a new substation near the centre of town, which will be supplied by a new 66,000 volt (66kV) powerline running from the new substation to the Egans Hill substation, ultimately connecting the Egans Hill, Malchi and Gracemere Substations.

As well as increasing the network's capacity for the 10,000 homes and businesses in the Gracemere region, this investment will improve the security of supply with new options for restoring the power following interruptions caused by severe weather and other unforeseen network events.

## About the substation

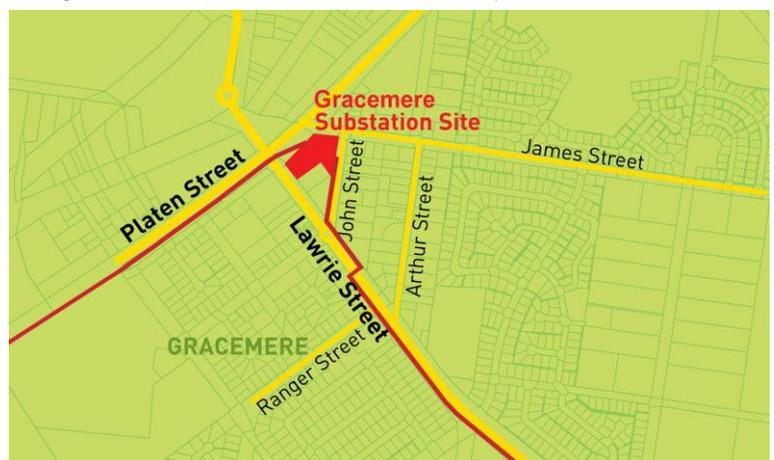
Ergon Energy first engaged with the community about the site for the substation in May 2012. As part of this community engagement process, Ergon Energy investigated eight suggested sites, in addition to 10 other potential sites identified outside this process.

This led to the selection and purchase of the site for the planned substation at Lawrie, Platen, John and James Streets. This site was assessed as the most suitable option based on its proximity to the electricity demand, ease of site and network access, and it having the least potential for community and environmental impacts.

We are now at the stage of designing the substation.

We are committed to working with the community to maintain the visual amenity at the substation site. To this end we are investigating options for the physical location of the substation on the block, as well as fencing and landscaping options for security and screening at the site. The design options identified will be discussed with the residents in the immediate vicinity of the site.

We expect construction of the substation to start in early 2018.



*The substation is critical to meeting the township's current electricity needs and supporting future economic growth in the region.*

## About the powerline

The new powerline will run down Lawrie St, along Gavial Gracemere Rd and into Sullivan Rd, connecting the new Gracemere Substation with the existing Egans Hill Substation. Through earlier community consultation, a number of potential routes for the line were investigated. Again, the route ultimately selected best met the range of community and environmental concerns put forward, and design and cost considerations.

We are now looking at the final design of the powerline, including where the line may go overhead or underground and the specific pole locations. Once the preliminary design options have been developed we will share these with the community.



*Our aim is to deliver a technically optimal powerline design while limiting any environmental, social and economic impact on the community.*

## Working with the community

Our community engagement activities aim to provide a greater understanding of the project, the various stakeholder considerations, and the challenges and opportunities in meeting these various requirements.

We will also continue to provide the community with the opportunity to express their views and concerns and carefully consider all feedback received. There is a genuine opportunity to influence a range of project decisions and assist us in improving the outcome for the community (recognising that we must meet construction standards, financial constraints and our legislative requirements).

We will provide updates and engage as the project progresses.

PROJECT SCHEDULE		
<b>NETWORK PLANNING &amp; COMMUNITY ENGAGEMENT</b>	<ul style="list-style-type: none"> <li>Identify options and undertake preliminary evaluation</li> <li>Engage the community on substation site and powerline route</li> </ul>	<b>Completed</b> June 2012
<b>DESIGN DEVELOPMENT</b>	<ul style="list-style-type: none"> <li>Undertake preliminary design work</li> <li><b>Recommence community consultation</b></li> <li>Consider community feedback</li> <li>Finalise substation and powerline designs</li> </ul>	March to Dec 2017
<b>CONSTRUCTION</b>	<ul style="list-style-type: none"> <li>Update and keep the community informed</li> <li>Construct the substation site and powerline</li> </ul>	2018 to 2020

### TO FIND OUT MORE OR PROVIDE FEEDBACK

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