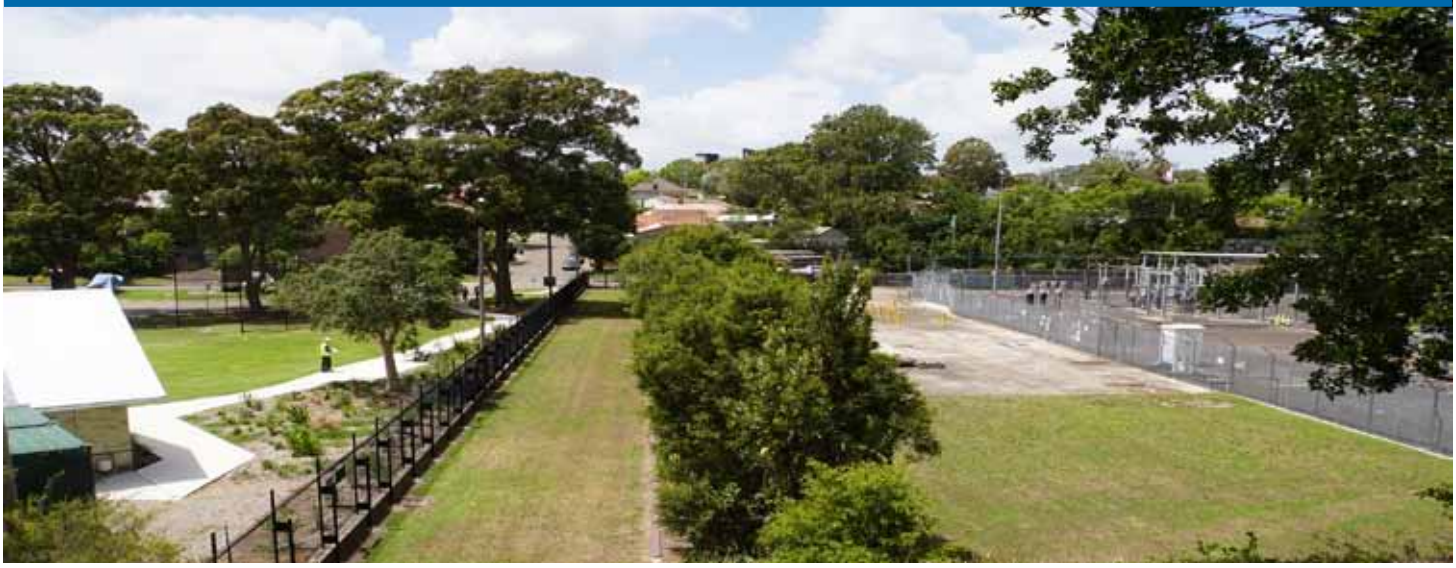
Community Newsletter 1 – March 2018

Rozelle substation upgrade



Current site as seen from Callan Park

Substation upgrade

Ausgrid is planning to upgrade its existing substation located on Manning Street, Rozelle. The upgrade will include construction of a new building to house new electrical equipment and replacing one of the two transformers on site. Two transformer bays will also be built to contain the existing and replacement transformer.

The existing electrical equipment and building currently provide power to Sydney Trains and connect to other Ausgrid substations in the Sydney CBD.

This upgrade is required to provide new connection points to meet the current and future needs of major customers. The proposed building will be built on the western end of our existing substation site, adjacent to King George Park.

Construction of the new building is planned to commence in mid-2019 and is expected to take approximately one year to complete. Equipping the building will then take another two years. The new building will be in addition to the existing building and equipment, which will remain in place. Please see the centre pages of this newsletter for a map showing the location of the new building and cables.

You have received this newsletter because you live or work near the Rozelle substation.

The project so far

Ausgrid is currently in the early planning stages for this project. As part of this process, we have consulted with Inner West Council and other key stakeholders in the area.

We have also engaged architectural specialists Brewster Murray to lead the design of the new building.

Building design

As part of the process to develop these plans, Ausgrid and our architects have considered a range of factors, including:

- electrical and equipment requirements
- environmental and heritage impacts
- community impacts
- constructability
- cost (minimising the impact on electricity bills).

In considering the surrounding community, two concept drawings have been designed in keeping with the local area.

Community feedback will be considered by Ausgrid in finalising the building design. Ausgrid now invites you to review the two proposed building designs on the back page, select a preference, and provide feedback. We will be seeking feedback until Monday 9 April 2018.

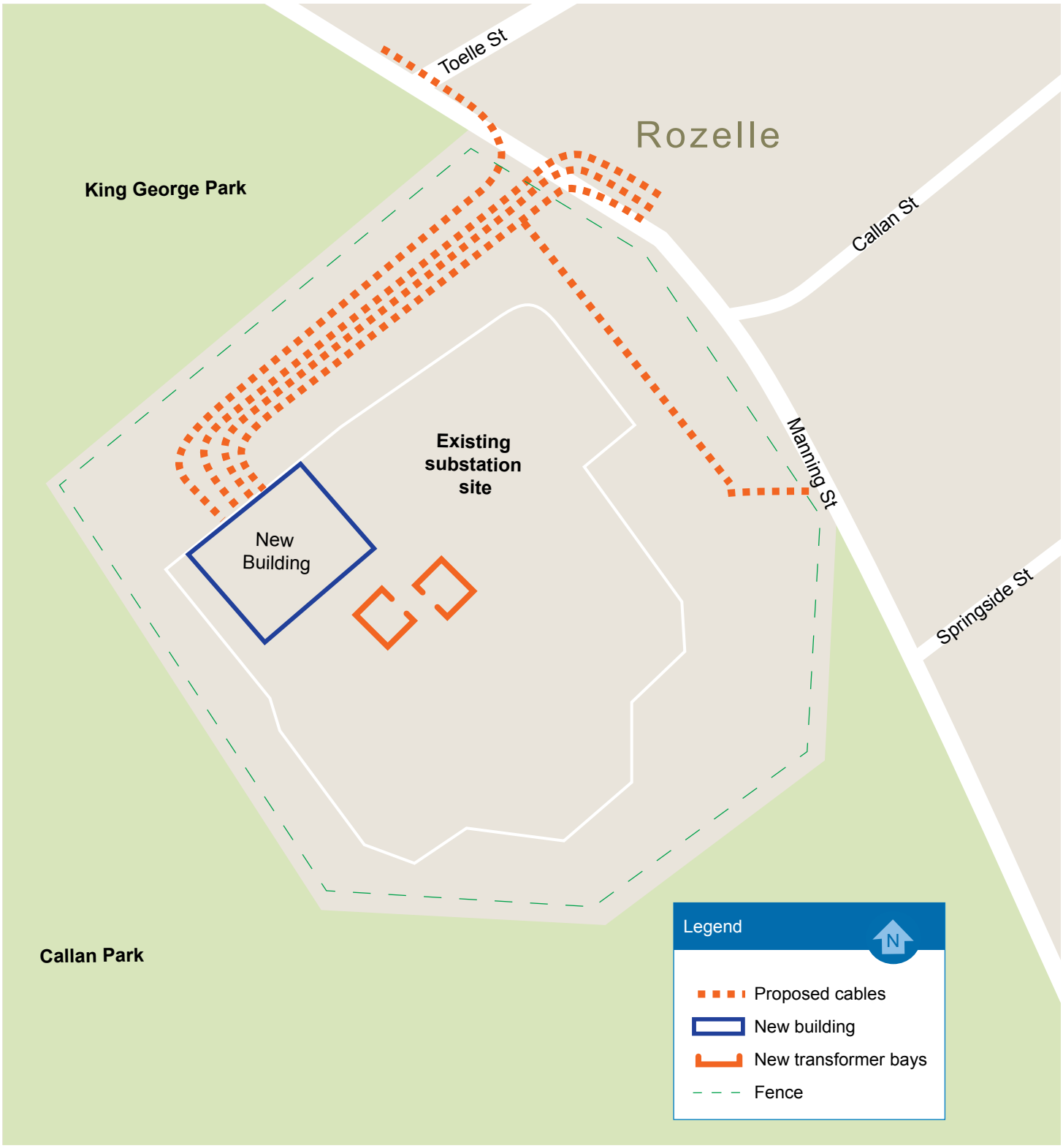
Community information session

A community information session will be held on the evening of Monday 19 March to give you an opportunity to find out more about the project and provide further feedback. No appointment is necessary, just drop in.

Date: Monday 19 March
Venue: King George Park Amenities Block
Manning Street, Rozelle
Time: 4:30pm to 7:30pm

If you can't attend the session, please contact us and we can make alternative arrangements to discuss the project with you.

Site map showing proposed upgrades to Rozelle substation



Why are substations needed?

Substations such as the one on Manning Street are known as subtransmission substations and are part of the power supply chain that delivers power from where it is generated to electricity users.

Subtransmission substations distribute power to our zone substations at 132,000 and 33,000 Volts. Smaller substations, such as the ones you may have seen in large green boxes by the side of street then convert the power to voltages suitable for use in homes and businesses.

All substations house transformers to convert electricity to lower voltages and switching gear that allows us to safely operate and maintain the electricity network.

Substation work

Work within the substation will involve constructing the new building, as well as the new walls of the two tranformer bays. The transformer bay walls will stand approximately 6.5 metres tall. Electrical fit out of the new building and any associated electrical work is fairly low impact and is expected to have minimal impact to the surrounding community.

Cable installation

The project will also involve trenching to install 33,000 Volt cables, which will exit the new building and continue along part of Manning Street. This is needed to connect our existing cables to the new equipment, which will continue to provide power to Sydney Trains and also provide new connection points to future customers. This stage of work is planned to start following completion of the new building in early 2020.

As part of the cable installation, an excavated pit known as a joint bay will need to be built, either outside the substation in Manning Street or within our site. Joint bays are used to connect sections of cables together. The exact location of the joint bay is yet to be confirmed and Ausgrid is currently determining the most suitable location. We will contact any neighbouring properties once the proposed joint bay location is decided.

Other works

Some of our major customers will also need to excavate adjoining streets to connect their cables to our new building and equipment. This work is not expected to start until after the substation has been upgraded. Ausgrid will keep you updated as planning progresses and you will receive more information about this work closer to the date.

Project assessment and approval

Under the *NSW Environmental Planning and Assessment Act 1979*, Ausgrid is the consent authority for this project.

As part of this process, an environmental assessment known as a Review of Environmental Factors (REF) will be prepared. This process involves preparing specialist studies and collecting input from the community, councils and other authorities.

The REF will be placed on exhibition at several locations and the community will be invited to make submissions. Properties close to the substation will receive a newsletter with further details on this process. Following the REF exhibition, Ausgrid will review all submissions and prepare a report.

Ausgrid will then determine the project for approval based on information contained in the REF, the specialist reports and other relevant documents.

Next steps

After considering and addressing feedback from the community and further planning, Ausgrid will prepare the detailed design which will be finalised following the community information session. The environmental assessment will also be prepared and presented to the community for feedback.

Subject to finalisation of a detailed design and project approval, Ausgrid plans to start construction work in mid 2019.

Construction of the new building by our contractor will take approximately one year.

Work would then be completed in stages over the following two years to install equipment within the substation and to build the transformer bays.

At the same time, the new underground cables would be installed in streets near the new building.

Keeping you informed

As the project progresses, properties near the proposed site will receive further updates, including details on what to expect during construction. The latest project information will also be available on the project web page (see contact details on back page). If you would like to receive project updates electronically, please email us with your details.

Have your say

While a specific size and shape of the building is needed to house the required electrical equipment, Ausgrid is seeking community input on the preferred building design based on our architects' drawings below.

You can provide feedback until Monday 9 April 2018.

In person

The community information session will be an opportunity for you to view and comment on the designs.

Online

We encourage you to give feedback online via our poll and interactive document.

Scan the QR code to be directed to our engagement page or follow the link **www.ausgrid.engagementhub.com.au/rozelle-substation-upgrade**

Alternatively, contact us on the details below and we can send you a feedback form.

Option A

Option B

Contact us

You are welcome to contact us with any enquiries:

Call 1800 604 765 (free call from fixed phones)

Email majorprojects@ausgrid.com.au

Web www.ausgrid.com.au/rozelle

Interpreter service: 131 450

Ausgrid