

Rozelle substation upgrade

Frequently Asked Questions

Why does the substation need an upgrade?

The substation needs an upgrade to create new connection points and increase the capacity of the substation for our existing and future major customers.

Will this affect the electricity supply in my home?

It is not anticipated that upgrades to the substation will have any direct impact on your electricity supply. In the unlikely event that we will need to temporarily interrupt your electricity supply during construction, you will be notified in advance.

Are both building designs the same apart from their outer design?

Yes, the size and structure of buildings are the same.

Will electric magnetic field (EMF) levels increase in result of the upgrade?

Future EMF levels will be modeled and measured as part of the project's environmental assessment (known as a Review of Environmental Factors or REF). The proposed upgrades to the substation will not have a significant increase to the existing levels of EMF at the site boundary and in the areas surrounding the substation. The existing levels are well below those recommended by the relevant authority (ARPANSA)

Which major customers does the substation supply to? Who will it supply to in the future?

Ausgrid has several major customers that Rozelle substation currently supplies, and will supply to in the future. Presently, the substation supplies power to Sydney Trains, and other major Ausgrid substations in the Sydney CBD. Future customers include WestConnex and a new Ausgrid zone substation to supply the proposed White Bay precinct development.

How will the local area be impacted during construction?

Considering construction work will be contained within our substation site, it is expected that the local community will experience little construction impact.

The most noticeable impact would be an increase in vehicle and truck movements in local streets, such as Toelle and Manning Street. Residents in close proximity to the substation on Manning Street and users of King George Park may also notice some noise, dust and vibration coming from the substation site during construction. However this will be managed to avoid impacts on neighbouring properties.

Parking in Toelle Street will also be affected during the removal of one of the existing transformers and the delivery of the new transformer (large pieces of electrical equipment). All affected residents will be updated as project progresses of any impacts they may experience and will be notified prior to construction.

How will large vehicles deliver material to the site? Which streets will be used?

Large vehicles will most likely travel through Toelle Street to access the substation. Toelle Street is the most suitable access road for trucks and large vehicles to safely navigate through.

Where will the new cables go once they leave the site?

As part of this project, Ausgrid's customers will also need to install underground cables in the streets surrounding the substation. This is so they can join their cables to ours at the boundary of the substation. The location of cables once they are outside our site will be a decision determined by our major customers.

