

Concord Substation Upgrade



Project update

As you may be aware, Ausgrid is planning to upgrade the existing Concord substation located at 31 George Street, Concord West.

This substation was commissioned in the 1960s and much of the equipment is approaching the end of its serviceable life.

The project will involve:

- Replacing three of the substation's four power transformers; and
- Building a new switchroom and driveways at the rear of the substation property to facilitate the replacement of 11,000 volt switchgear and associated equipment.

The new switchroom and transformers will ensure Ausgrid can maintain a safe and reliable power supply for customers in the area for the next 40 years.

The detailed design is now complete, and Gongues Constructions has been engaged as the contractor for the construction component of the works.

Site preparation and early works will begin in November 2021. The first activity will be driveway works and preparation for the replacement of the first transformer, which is located adjacent to George Street.

Following the first transformer replacement, work will be carried out to create a construction driveway on the northern side of the substation. Once established, construction of the switchroom can commence.

Please see over the page for details on what to expect during this work.

Project assessment and approval

Under the State Environmental Planning Policy, Ausgrid is the approving authority for the project. As part of the approval process, an environmental assessment, known as a Review of Environmental Factors (REF) is used to investigate the potential environmental impacts associated with the project.

The REF has now been finalised and the project has been approved for construction.

Community involvement

Ausgrid has received feedback from the community on this project and incorporated this into designs for the new switchroom and the REF.

The final design and REF can now be viewed on our website.

Ausgrid will keep you informed as the project progresses. Your feedback and enquiries are welcome at all stages to ensure we are effectively managing any impacts on the immediate community.

Key dates

- **March – April 2020**
Concept planning and obtaining community and stakeholder feedback.
- **April – May 2020**
Review of Environmental Factors preparation and display
- **Mid 2020 to mid 2021**
Completion of final design for the new switchroom building and Review of Environmental Factors
- **Late 2021 to early 2022**
Engage civil contractor, early works along southern driveway and transformer replacement.
- **Early 2022 to mid 2022**
Northern driveway works
- **Mid 2022 to early 2023**
Construction of the new switchroom
- **Early 2023 to late 2023**
Installation of equipment inside new switchroom building
- **Early 2024 to late 2025**
Works to make connections to the surrounding network and staged transformer replacements

Site preparation and early works

Below is a summary of the planned activities for this portion of the project.

Conduit installation along driveway

In November 2021, work will commence along the substation driveway, this will involve:

- Progressive removal and replacement of top portions of the substation sound wall;
- Progressively excavating along the substation's driveway to install new conduits (plastic pipes); and
- Backfilling the trench and restoring the driveway.

The work will take up to two and a half months to complete, weather and ground conditions permitting.

Removal of the first of three power transformers

In early 2022, work will commence for the replacement of the first transformer. The work will involve disconnection, dismantling, moving the transformer to a low-loader and taking it offsite.

The delivery and installation of a new modern low-noise transformer will require the reverse process.

During the transformer replacement, parking in George Street will be temporarily restricted to ensure the trucks can manoeuvre safely. Some work will take place outside of standard working hours due to transport requirements.

Please note we do not plan to interrupt your power supply during this work. Further information will be provided to neighbours in advance of this work.

Tree trimming

For the purposes of site access and safety clearances, tree trimming will need to be carried out in and around the substation.

Next steps

Following the completion of the early works, the civil contractor will start work on the construction of the new switchroom building.

This work is expected to start in June 2022 and will take approximately 12 months to complete.

The replacement of the remaining transformers will be staged after the construction of the switchroom

This is to enable Ausgrid to maintain a safe and reliable power supply to the area, without any planned interruptions.

Temporary impacts

During this work:

- There will be some minor changes to traffic flow along George Street during the work, with traffic control in place to assist road users and pedestrians to move around the work area safely.
- Access to residential properties will be maintained as much as possible however, there may be short delays due to traffic control, required for the safety of the public while large equipment is being removed or delivered.
- Some street parking around the work site will be temporarily unavailable at stages of the work.
- There will be some noise and dust however, we will make every effort to keep this to a minimum.

Construction hours

Most of the work will be during standard construction hours which are 7am to 6pm Monday to Friday, and 8am to 1pm on Saturdays. Work outside of these times with prior notice.

Keeping you informed:

Ausgrid will issue notification updates to residents in advance of this work as the project progresses.

The latest project information will also be available at: <https://www.ausgrid.com.au/In-your-community/Construction-projects/Concord-Substation-Upgrade>

Alternatively, you can contact Ausgrid on 1800 604 765 or via majorprojects@ausgrid.com.au.

We thank you for your continued patience as we complete this essential work.

Contacting us

You are welcome to contact us with any enquiries:

Call 1800 604 765 (free call from fixed phones)

Email majorprojects@ausgrid.com.au

Visit ausgrid.com.au/concord



Interpreter service 131 450