Replacement cable route

The replacement cable route will run along the existing cable route on Tarro Avenue, Eastern Avenue and Kennedy Street, crossing Weston Street, Tower Street and Burns Road.

The southernmost section will access an existing easement through the Georges River National Park.

Environmental and health standards

Ausgrid plans its infrastructure in line with relevant environmental and health standards for the protection of both the environment and the community.

This includes designing and operating all new equipment to minimise construction impacts, minimising tree trimming and removal and managing issues such as dust, noise and vibration during construction. The final REF has more details on how these impacts have been assessed.

Working with you

Ausgrid understands there will be temporary impacts during construction, particularly on residents and businesses living or working close to the route which we will work to minimise.

You will receive a letter approximately one week before work begins near you which will include information on local impacts.

Your feedback is welcome at any time throughout the project to help Ausgrid and our contractors manage potential community impacts during the construction phase effectively



Ausgrid



Project update

Ausgrid has now appointed Taihan and Garde as our contractors to replace the existing 132,000 volt underground electricity cables that run between our substation in Tarro Avenue, Revesby and Transgrid's Sydney South substation located in George's River National Park at Picnic Point.

As outlined in our previous newsletters, the existing cables are more than 35 years old and must be replaced to maintain a safe and reliable power supply to customers in the area.

Pre-construction activities will start in early November 2018. Trenching to install the new cables in roads will start from mid November 2018 and will continue for about six months.

This newsletter includes a graphic over the page which is indicative of the general construction process. There is also information on what to expect during construction.

You have received this newsletter because you live or work near the replacement cable route shown on the map on the back page.

Key dates



Contacting us

You are welcome to contact us with any enquiries:

1800 604 765 (free call from fixed phones) Call Email majorprojects@ausgrid.com.au Visit ausgrid.com.au/picnicpointrevesby

Interpreter service 131 450

Community engagement

Ausgrid has been liaising with the community and Canterbury Bankstown Council since early 2018. Feedback from community members, Council and key stakeholders has been considered to refine the cable route and reduce construction impacts

Thank you to everyone who has provided feedback to date, most recently on the Review of Environmental Factors (REF) which was on public exhibition for comment from Friday 7 September 2018 to Friday 28 September 2018.

A drop in session to discuss the REF was also held at the Revesby Workers Club on Monday 17 September 2018 for interested community members to discuss the REF and ask questions.

While Ausgrid received no formal submissions during the REF stage, we considered all feedback received via phone calls, emails and face-to-face meetings to date as part of the process of assessing the project for construction approval.

The final REF and a summary of consultation completed to date, including the most commonly asked guestions and our responses are available on our project web page ausgrid. com.au/picnicpointrevesby.

What to expect during construction

Below is a summary of the type of activities that can be expected during this project.

Site investigations

Ausgrid's contractors will soon start site investigations to assess ground conditions and pinpoint existing services such as electricity, gas and water. This will help to confirm the final position of the new cables in the roadway and the location of joint bays and associated pits.

Trenching and laying conduits

The most common activity will be digging 1.3 metre wide trenches in roads and laying conduits to house the new cables. There will be a number of crews doing this work at multiple locations. This will start once site investigations have finished.

Typically, trenching and temporary restoration takes about a few days outside each property, depending on the ground and weather conditions.

Joint bays and other associated pits

Underground joint bays will be excavated approximately every 1100 metres along the route. These will be used to pull through and join sections of cable together.

Each joint bay will be about 3 metres wide and 10 metres long and will be in place for 2-4 months.

There will also be smaller pits associated with controlling and monitoring the cables, and to assist with cable installation. Some of these pits would be located in the nature reserve next to the road.

The project team will discuss the proposed location of the joint bays and pits with surrounding neighbours after our contractors have prepared their construction plans.

Cable installation

After the conduits have been installed, cables will be brought to the joint bay locations on large cable drums. The cables are pulled through the joint bays and into the conduits.

Traffic and parking changes

Traffic control will be used so that our work is safe for drivers, pedestrians and workers on site. Temporary parking restrictions will be in place during work and there will be resident only access in some streets when work is in progress.

Access to properties will be maintained unless we make alternative arrangements with you in advance.

Underground 132,000 volt cable installation



Construction stages

Trenching and conduit installation

- Trenching can occur on more than one site on a project simultaneously.
- Plastic conduits (pipes) will then be placed in the trenches and then the area is backfilled with a special kind of concrete.

 The section of the road would then be permanently reinstated at the end of the project in consultation with the Council.

1–3 days Time it takes to complet



Like all construction work, there will be some noise, vibration and dust which we will work to reduce.

Ausgrid standard work hours are 7am to 6pm on weekdays and between 8am and 1pm on Saturdays.

Nearby properties will be notified when work is planned outside normal hours and why the different hours are required.

Construction in school zones will be carried out during school holidays to ensure minimal impact on schools along the cable route.

Underground joint bays

- Underground joint bays would be constructed every 1100m along the route.
- The joint bays are used to connect the cable sectio
 Between construction of the joint bay and connection of the cables, joint bays are either backfilled temporarily, barricaded or enclosed. Once cables are connected, the section of road is resurfaced.

2–4 months Overall time it takes to work at each joint bay location

2

Reinstatement of roads and other areas

Restoration of all affected areas to their previous condition is typically a two-step process. Following trenching and cable installation in roads, a temporary surface will be laid over the trench so that the road can return to normal use. The temporary road surface remains in place until the cables have been pulled through the conduits (pipes) joined and tested.

The excavated sections will then be reinstated permanently in consultation with the Canterbury Bankstown Council or other relevant road authority.

Cable installation

- At a later date, cable drums will be set up at joint bay locations.
- The 132,000 volt cables are pulled through the pipes and connected at the joint bays.
- Cable connection takes one to two weeks.

2–4 weeks



Your power supply