

Mariyung Fleet Maintenance Facility

Traction substation work

The Mariyung Fleet Maintenance Facility at Kangy Angy is purpose built to service and maintain the Mariyung fleet of intercity trains – which will progressively replace the aging V set trains across the intercity network.

UGL Limited operate the maintenance facility on behalf of Transport for NSW and NSW Trains.

Electrical transformer installation

The traction substation, located on Enterprise Drive, houses the electrical infrastructure that supplies power to the Maintenance Facility and the Main North Line.

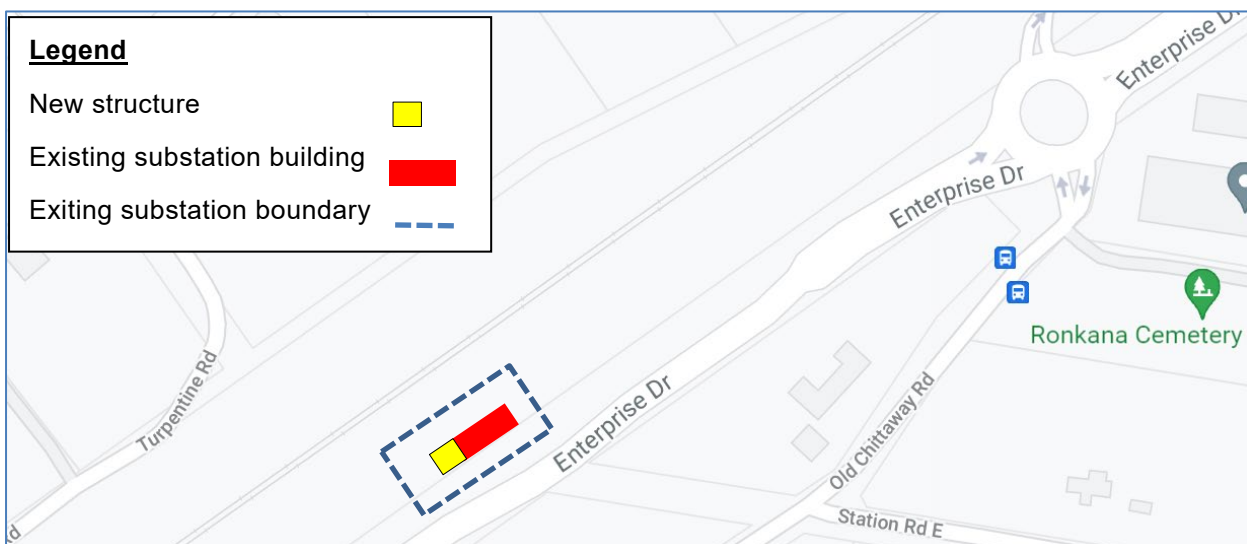
To meet future power needs for the Main North Line and within the facility, a second transformer is being installed in the traction substation.

The installation of the transformer is being managed by UGL Limited.

Location

The transformer will be installed within the existing substation boundary off Enterprise Drive (on the southern side of the existing substation building).

While the traction substation boundary remains unchanged, the new transformer will extend the substation building by approximately 15 metres. Please see the image below (not to scale).



What you may notice

Operation

Once installed, the transformer is not expected to generate noise or other impacts.

Construction (from Monday 31 January 2022)

Work to install the transformer will take place until mid-December 2022, however the main construction work will occur between January and early May 2022 (pending weather).

From May 2022 onwards, work will take place inside the substation and generally will be inaudible and is not expected to have community impacts.

The table below provides a high-level schedule of the construction work:

Date	Activity
Mon 31 Jan – Mid Feb 2022	Site establishment, installation of temporary sheds and signage, excavation works
Mid Feb – Mid Mar	Excavation work, trenching, form work, concrete pouring, steel work
Late March	Building construction (walls), start of fit out, service and utility connections
April - Early May	Transformer installation (craned in)
May 2022 – Mid 2023 (<i>inaudible interior work</i>)	Work inside the building including fit out, acoustic panelling, finishing work and testing

Construction hours

Work to install the transformer will occur during standard construction hours (Monday to Friday 7am – 6pm and Saturdays 8am – 1pm).

To construct and commission the new transformer, work will also take place during some Trackwork weekends between 2022 and mid-2023 when trains don't operate.

- Saturday 12 – Sunday 13 March 2022
- Saturday 11 – Monday 13 June 2022 (June long weekend)
- Saturday 29 – Sunday 30 October 2022
- Saturday 11 – Sunday 12 March 2023

Managing impacts

Noise: Some construction activities may be noisy at times, but the project team will take all steps to minimise impacts wherever possible. A range of mitigation measures will be used, including turning equipment off when not in use, and where possible, equipping machinery with non-tonal movement alarms.

Power supply: There will be no disruption to local power supply because of this work.

Vegetation: There will be no vegetation removal, as the new building is located within the existing substation boundary.

Traffic: The delivery of oversized plant and equipment may occur outside peak traffic periods, but if this is required, affected residents and stakeholders will be provided advance notice.

Equipment to be used

- Heavy and light vehicles
- Cranes
- Concrete saw
- Excavators
- Hand and power tools
- Generators.

Contact us

We understand that construction work can have an impact on the nearby residents and stakeholders. We appreciate your patience and understanding while this work is completed.

For more information, please contact us via the details below.