

RECENT PROJECTS



PAXTON ZONE SUBSTATION

Contract Value: \$1,622,000

Client: Ausgrid

In 2014, Gongues Constructions were awarded the contract to construct the extension of Paxton Zone Substation for Ausgrid. The contract included:

- The extension of the existing switchyard
- Construction of two new transformer bunds and cable joining pits
- Installation of LV & HV conduits
- Modification of existing oil containment systems
- Design, supply and installation of a new transportable Control Room.
- Relocation of two transportable transformers from Raymond Terrace and Heatherbrae to Paxton

As the works were immediately adjacent to a live operational substation, the risks associated with touch potential and live equipment needed to be managed. Gongues are highly experienced with works inside and around live substations and safely and effectively managed these risks for the duration of the project.

Environmental issues which also required delicate handling included:

- Threatened flora species present around the worksite. Exclusion zones and signage were set up to prevent access to these areas
- The site was also located near an old colliery. Heritage consultants were present during site stripping and bulk excavation works to record and photograph remnants of old railway lines

