

04 August 2025



ATT: Dimitri Gotsis

Department of Planning and Environment

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ausgrid.com.au

Dear Dimitri,

In reference to State Significant Development application for Pymble Ladies' College Secondary Innovation Precinct (SSD-79146716).

Ausgrid would like to thank you for seeking input and feedback regarding the Environmental Impact Statement (EIS). Ausgrid has undertaken a review of the EIS and associated information in relation to potential impacts or interfaces with Ausgrid's electricity infrastructure.

Ausgrid requires that due consideration be given to the compatibility of proposed development with existing Ausgrid infrastructure, particularly in relation to risks of electrocution, fire risks, Electric & Magnetic Fields (EMFs), noise, visual amenity and other matters that may impact on Ausgrid or the development.

Ausgrid has reviewed the document "Appendix G Architectural Design Report" included in the submission and advise the proponent must continue discussions regarding any new connections and load requirements to the site directly with Ausgrid and submit a connection application to Ausgrid as soon as practicable.

Ausgrid Underground Cables are in the vicinity of the development.

Special care should be taken to ensure that driveways and any other construction activities do not interfere with existing underground cables located in the footpath or adjacent roadways.

It is recommended that the developer locate and record the depth of all known underground services prior to any excavation in the area. Information regarding the position of cables along footpaths and roadways can be obtained by contacting Before You Dig Australia (BYDA).

In addition to BYDA the proponent should refer to the following documents to support safety in design and construction:

- SafeWork Australia – Excavation Code of Practice.
- Ausgrid's Network Standard NS156 which outlines the minimum requirements for working around Ausgrid's underground cables.

The following points should also be taken into consideration.

- Ausgrid cannot guarantee the depth of cables due to possible changes in ground levels from previous activities after the cables were installed.
- Should ground levels change above Ausgrid's underground cables in areas such as footpaths and driveways, Ausgrid must be notified, and written approval provided prior to the works commencing.
- Should ground anchors be required in the vicinity of Ausgrid underground cables, the anchors must not be installed within 300mm of any cable, and the anchors must not pass over the top of any cable.

Ausgrid Kiosk Substation in the vicinity of the development

The substation ventilation openings, including substation duct openings and louvered panels, must be separated from building air intake and exhaust openings, natural ventilation openings and boundaries of adjacent allotments, by separation distances which meet the requirements of all relevant authorities, building regulations, BCA and Australian Standards including AS 1668.2: The use of ventilation and air-conditioning in buildings - Mechanical ventilation in buildings.

In addition to above, Ausgrid requires the substation ventilation openings, including duct openings and louvered panels, to be separated from building ventilation system air intake and exhaust openings, including those on buildings on adjacent allotments, by not less than 6 metres.

Any portion of a building other than a BCA class 10a structure constructed from non- combustible materials, which is not sheltered by a non-ignitable blast-resisting barrier and is within 3 metres in any direction from the housing of a kiosk substation, is required to have a Fire Resistance Level (FRL) of not less than 120/120/120. Openable or fixed windows or glass blockwork or similar, irrespective of their fire rating, are not permitted within 3 metres in any direction from the housing of a kiosk substation, unless they are sheltered by a non-ignitable blast resisting barrier.

The development must comply with both the Reference Levels and the precautionary requirements of the ICNIRP Guidelines for Limiting Exposure to Time-varying Electric and Magnetic Fields (1 HZ – 100 kHz) (ICNIRP 2010).

For further details on fire segregation requirements refer to Ausgrid's Network Standard 141.

Existing Ausgrid easements, leases and/or right of ways must be maintained at all times to ensure 24-hour access. No temporary or permanent alterations to this property tenure can occur without written approval from Ausgrid.

For further details refer to Ausgrid's Network Standard 143.

New or modified connection

To apply to connect or modify a connection for residential or commercial premises. Ausgrid recommends the proponent to engage an Accredited Service Provider and submit a connection application to Ausgrid as soon as practicable. Visit the Ausgrid website for further details; <https://www.ausgrid.com.au/Connections/Get-connected>

Additional information can be found in the Ausgrid Quick Reference Guide for Safety Clearances "Working Near Ausgrid Assets - Clearances". This document can be found by visiting the following Ausgrid website:

www.ausgrid.com.au/Your-safety/Working-Safe/Clearance-enquiries

Should you require further information please contact Ausgrid via email to Development@ausgrid.com.au

Please do not hesitate to contact me for further information.

Regards,



Jim Danks – Project Officer - Asset Protection | Transmission Services