

13 February 2017



Michele Nettlefold  
Department of Planning and Environment  
22-33 Bridge Street  
Sydney NSW 2000

570 George Street  
Sydney NSW 2000  
All mail to GPO Box 4009  
Sydney NSW 2001  
T +61 2 131 365  
[www.ausgrid.com.au](http://www.ausgrid.com.au)

Dear Ms Nettlefold,

**Redevelopment of the Harbourside Shopping Centre, Darling Harbour (SSD7874)**

I am writing to you in relation to your notice of exhibition for the above project. Ausgrid would like to thank you for seeking input and feedback regarding the Environmental Impact Statement (EIS). As requested Ausgrid has undertaken a review of the EIS and associated information in relation to potential impacts or interfaces with Ausgrid's electricity infrastructure.

Ausgrid has identified the following assets to be affected by the development works:

- Existing substation adjacent to the site and close proximity to overhead and/or underground cable/s on public land
- Overhead and/or underground cable/s in close proximity on public land

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

In general, conditions to be adhered to by the developer include, but are not limited to, the following:

- 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 the 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.
- Exterior parts of buildings within 3 metres in any direction from substation ventilation openings, including duct openings and louvered panels, must have a fire rating level

(FRL) of not less than 180/180/180 where the substation contains oil-filled equipment. For further details on fire segregation requirements refer to Ausgrid's Network Standard NS113: Site Selection and Construction Design Requirements for Chamber Substations.

- Any work undertaken near Overhead Power lines needs to be done in accordance with
  - WorkCover Document ISSC 23 "Working Near Overhead Power Lines"
  - Ausgrid Network Standards
  - Ausgrid Electrical Safety Rules
- The locating of underground cables must be determined using Dial Before You Dig and the developer must comply with the requirements of Ausgrid's Network Standard NS156: Working Near or Around Underground Cables before any excavation works are undertaken.
- 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 NS143: Easements, Leases and Rights of Way.

Please contact myself on 9269 4252 or [hal.hissey@ausgrid.com.au](mailto:hal.hissey@ausgrid.com.au) if you have any further questions.

Regards,

A handwritten signature in black ink, appearing to read 'HH Hissey', with a long horizontal line extending to the right.

Hal Hissey  
Senior Area Development Manager  
AUSGRID