

From: Christopher Wright
Sent: 31 Jan 2019 13:15:58 +1100
To: Official Mail
Subject: Att: Leah Lindsay - NCC DA Assessment - DA2019/00061 - 11 - 17 Mosbri Crescent The Hill - Ausgrid Response
Attachments: Response for DA-2019-0061 - 11 - 17 Mosbri Crescent The Hill.pdf

Dear Leah

Please find attached Ausgrids response to DA2019/00061 - 11 - 17 Mosbri Crescent The Hill.

Regards,

Chris Wright - Engineering Officer

Design Portfolio - Newcastle

Design Management

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31/01/2019

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Dear Leah

**Proposed Development at 11 - 17 Mosbri Crescent, The Hill
Development Application No. DA2019/00061**

I refer to your letter dated 22nd of January 2019 concerning the above development. This letter is Ausgrid's response under clause 45(2) of the *State Environmental planning Policy (Infrastructure) 2007*.

As you would be aware, the assessment and evaluation of environmental impacts for a new development consent (or where a development consent is modified) is undertaken in accordance with requirements of Section 79C of the *Environmental Planning and Assessment Act 1979*. One of the obligations upon consent authorities, such as local councils, is to consider the suitability of the site for the development which can include a consideration of whether the proposal is compatible with the surrounding land uses and the existing environment.

In this regard, Ausgrid requires that due consideration be given to the compatibility of proposed development with existing Ausgrid's 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.

Please note the following information in relation to the construction of the development:

Supply of Electricity

It is recommended for the developer to engage an electrical consultant/contractor to complete an 'NECF-03 Form "Connection Application – Large, Multiple and Remote Connections" for the connection of the proposed development to the adjacent electricity network infrastructure. An assessment will be carried out based on the information provided which may include whether or not the existing network can support the expected electrical load of the development. For some developments, a substation may be required on-site.

If an upgrade to the electricity network is necessary, the timeframe between the submission of the connection application and availability to connect the development will vary and may be exposed to a lengthy design and construction period. The submission of the Connection Application will allow us to begin planning and processing the connection and hopefully

minimise any delays.

Please direct the developer to Ausgrid's website, www.ausgrid.com.au for information regarding connecting to Ausgrid's network.

Proximity to Existing Network Assets

There are existing overhead electricity network assets in Mosbri Crescent, Kitchener Parade and Pitt Street, adjacent to the development.

Workcover Code of Practice 2006 – Work Near Overhead Powerlines outlines the minimum safety separation requirements between these mains / poles to structures within the development throughout the construction process. It is a statutory requirement that these distances be maintained throughout construction.

It is recommended that Ausgrid is contacted on (02) 4910 1200 to discuss compliance issues regarding the relevant Workcover Code of Practice 2006 – Work Near Overhead Powerlines.

Clearance to 'As Constructed' Development assessed to be Compliant

Based on the design of the development provided, it was identified that the "as constructed" minimum clearances will not be encroached by the development.

The existing overhead mains may require relocating should the minimum safety clearances be compromised during construction, this relocation work is generally at the developers cost.

Underground Mains/Existing Ausgrid Distribution Assets

The works described in your notification are also in the vicinity of underground electricity assets. In addition to DBYD searches I recommend that you to conduct a ground search to locate electricity assets immediately prior to commencing work to check for updates of installed utilities.

Please refer to Ausgrid's Network Standard 156 - Working near or around underground cables which can be found on Ausgrid's website at www.ausgrid.com.au and Workcover Document– 'Work Near Underground Assets'

Any alterations to Ausgrid's underground electricity mains will be Contestable Works and funded by Developer.

Ausgrid also has an existing Substation HS6225 located on the proposed development site. This Substation is supplied by two 11,000 Volt underground feeders and has two local 415V Distributors supplying the existing development, and three 415 Volt underground Network Distributors. The Developer will need to ensure that the proposed development maintains the existing capacity supplying Ausgrid's adjacent Network Distributors.

Please do not hesitate to contact me if you require any further information or assistance.

Yours sincerely

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