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This letter is Ausgrid's response under clause 45(2) of the State Environmental Planning Policy (Infrastructure) 2007.

Ausgrid does not object to the proposed development.

The applicant/developer should note the following comments below regarding any proposal within the proximity of existing electrical network assets or easements.

The purpose of the electricity easement is to protect the electricity assets and to provide adequate working space for construction and maintenance work. The easement also assists Ausgrid in controlling works or other activities under or near the electricity lines or other assets which could either, by accident or otherwise, create an unsafe situation for workers or the public, or reduce the security and reliability of Ausgrid's network.

The Following Conditions Apply for any Activities Within the Electricity Easement:

1. Ausgrid is not responsible for the reinstatement of any finished surface within the easement site.
2. Ausgrid requires 24 hour access along the easement for plant and personnel. For the purpose of exercising its rights under the easement, Ausgrid may cut fences and/or walls and install gates in them.
3. Access gates, minimum 4.5 metres wide, may be required in all fences crossing the transmission line easement.
4. Metallic fencing is generally not permitted to extend away from the easement site unless an insulating section is installed, at least 3 metres wide.
5. All metal work within the easement site including metallic fencing, are to be locally earthed by a qualified electrician via a 50 sq. mm insulated stranded copper earthing cable, bonded to a copper-clad earth-stake driven at least 1.6 metres into the ground.
6. If an access driveway is built it shall withstand the weight of a heavy rigid truck when fully laden weighing 30 tonne.
7. No obstruction of any type shall be placed within 10 metres of any part of a transmission line structure.
8. Care must be taken to prevent any damage to underground metalwork which can extend up to 15 metres away from the transmission line structure.
9. The erection of minor structures such as clothes hoists, barbecues, small sheds (<6m²) and the like are generally permitted within the easement provided they do not exceed 2.5 metres in height, and all metallic components are earthed.

These minor structures are not permitted within 10m of a transmission line structure

10. Apart from minor structures mentioned above, no structure will be permitted within 5m, measured horizontally, from any transmission line phase conductor (i.e. conductor/wire that carries power).
11. As per ISSC20 Section 7.2.4, no installation of any low voltage electricity, telecommunications, water or sewage services within 15 metres of the high voltage tower.
12. The storage of non-flammable materials is allowable provided access is maintained along the easement and subject to height limitations of 2.5 metres if climbable or 4.6 metres if not climbable.
13. Any change to ground levels must be submitted to Ausgrid for consent.
14. No vehicles, plant or equipment having a height exceeding 4.6 metres are to be brought into the easement site without written consent from Ausgrid.
15. Vehicles, plant or equipment brought into the easement, with a height less than 4.6m but having an extension capable of extending greater than 4.6m above ground, must not have that extension operated at all whilst within the easement without written consent from Ausgrid.
16. **Hand excavation** must occur within 10m of a tower structure in order to limit the risk of mechanical damage to the earthing grid attached to each tower.
17. If the earthing grid attached to each tower is damaged during excavation, it must be repaired by an authorised service provider and a representative from Transmission Mains - Ausgrid must be notified before reinstatement.
18. Trees, shrubs, or plants which have a mature height of greater than 3.0m, or climbable portions greater than 2.5m above ground, are not permitted within the easement.
19. Where Ausgrid has relied on documents or plans provided by you, Ausgrid assumes these documents or plans to be true and accurate. Any inaccuracy may lead to any consent being rescinded.
20. Ausgrid is to be indemnified from all actions, suits, claims and demands of whatsoever nature, which Ausgrid may incur as a result of the encroachment/s.

The developer should also refer to SafeWork NSW Document – Work Near Overhead Powerlines: Code of Practice. This document outlines the minimum separation requirements between electrical mains (overhead wires) and structures within the development site throughout the construction process. It is a statutory requirement that these distances be maintained throughout the construction phase.

Consideration should be given to the positioning and operating of cranes, scaffolding, and sufficient clearances from all types of vehicles that are expected be entering and leaving the site.

The “as constructed” minimum clearances to the mains must also be maintained. These distances are outlined in the Ausgrid Network Standard, NS220 Overhead Design Manual. This document can be sourced from Ausgrid’s website at www.ausgrid.com.au.

It is the responsibility of the developer to verify and maintain minimum clearances onsite. In the event where minimum safe clearances are not able to be met due to the design of the development, the Ausgrid mains may need to be relocated in this instance. Any Ausgrid asset relocation works will be at the developer’s cost.

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 have any enquiries, please contact Ausgrid at development@ausgrid.com.au

Regards,
Ausgrid Development Team