REF Decision Statement

Supply to Western Sydney Priority Growth Area – Kemps Creek 330kV Substation

Transgrid is the proponent for the Supply to Western Sydney Priority Growth Area – Kemps Creek 330kV Substation. The proposed activity involves constructing and operating the Kemps Creek South (KCS) 330 kilovolt (kV) substation, located to the immediate south of Transgrid's existing Kemps Creek (KCR) 500 kV substation. The proposed activity would also require augmentation works at the KCR substation, transmission line connection works between KCR and KCS substations, and access road upgrade works.

A Review of Environmental Factors (REF) was prepared in June 2026 by AECOM to assess the potential impacts of the proposed activity. The REF was placed on public exhibition on Transgrid's website from 11 June 2026 to 10 July 2026. Additional consultation activities included letters to nearby residents and two community information sessions held on the 18 June 2026 and 25 June 2026 at Carnes Hill Marketplace.

A total of 12 submissions were received including 11 submissions received during the public exhibition period and one late submission received after the exhibition period which was accepted by Transgrid. These comprised of six submissions from individuals and six submissions from Government agencies.

A Submissions Report was prepared (September 2026) to address all issues raised in the submissions and how they have been considered. Key issues raised included:

- The alternatives considered for the proposed activity, including the specific siting of infrastructure
- Noise and vibration impacts to sensitive receivers during construction and operation
- Adverse visual amenity impacts for sensitive receivers during operation
- Land use impacts, including the intensification of electricity transmission and substation infrastructure near residential land use
- Construction traffic impacts and impacts to the condition of local roads
- Impacts on property values and marketability for residential properties in Austral
- Prior and future consultation and engagement with affected residents regarding the proposed activity.

The REF and Submissions Report have been prepared in accordance with the *Environmental Planning and Assessment Act 1979* (EP&A Act), *the Environmental Planning and Assessment Regulation 2021* (EP&A Regulation) and the Guidelines for Division 5.1 Guidelines approved under section 170 of the EP&A Regulation.

In considering the proposed activity, Transgrid has examined and taken into account matters affecting or likely to affect the environment by reason of that activity, as addressed in the REF.

As an authorised person on behalf of Transgrid, I discharge the duty as a determining authority under Division 5.1 of the EP&A Act and determine that:

- the proposed activity is not likely to have a significant impact on the environment and therefore an Environmental Impact Statement (EIS) is not required
- the proposed activity will not be carried out in a declared area of outstanding biodiversity value and is not likely to significantly affect threatened species, populations or ecological communities, or their habitats or impact biodiversity values, meaning a Species Impact Statement (SIS) and/or Biodiversity Development Assessment Report (BDAR) is not required
- the proposed activity may proceed as it is needed to increase the electricity network's capacity and provide a reliable energy supply to the Western Sydney Priority Growth Area and Western Sydney International Airport.
- mitigation measures are required to eliminate, minimise or manage environmental impacts as documented in Appendix A of the Submissions Report
- the proposed activity is not likely to have a significant impact on matters of national environmental significance, or on the environment of Commonwealth land, and therefore referral to the Minister under the EPBC Act is not required.



Monika Moutos
General Manager Environmental Strategy and Planning
Transgrid
Date: 1 October 2026