



Technical Bulletin

TB 0245 – Utilising existing network assets

Purpose

This technical bulletin has been issued to clarify design requirements in MDI 0028 clause 4.6 regarding greater capacity utilisation of existing network assets.

Background

Clause 4.6 in MDI 0028 states in part “for multi-dwelling developments in urban areas, for loads of 150 Amps per phase or greater (as assessed by Endeavour Energy) a padmount substation may be required on site, unless an existing adjacent padmount substation is capable of supplying the new load”.

This clause is currently being interpreted by some stakeholders as “a padmount substation is required on site for every development requiring a load of 150 Amps per phase or greater, unless there is an existing padmount directly adjacent on a shared property boundary”.

This interpretation has the potential to lead to significant underutilisation of network assets.

Actions

The term “adjacent” in Clause 4.6 in MDI 0028 shall be interpreted as “nearby” and does not necessarily mean it is limited to the adjoining lot.

If there is an under utilised padmount or indoor substation in close proximity to and capable of supplying a new development, it may be used, as long as the supply complies with relevant LV supply standards and policies.

Care should be taken to ensure spare capacity has not been allocated (via a certified design) for use to other nearby development(s).

Implementation

The contents of this technical bulletin will be implemented immediately in any new designs submitted to Network Connections for certification.

Impacted Standards

The contents of this technical bulletin will be used to further clarify design requirements in MDI 0028 – Underground distribution network design when it is next reviewed.