

## General Information

26 September 2024

### Update to ES1 Premises Connection Requirements and Additional Supply Points

Dear ASPs,

As part of Ausgrid's ongoing commitment to support our customers in their electrification journey we are updating our requirements for when we will approve additional points of supply where a property already has at least one or more approved points of supply. Under the new requirements, customers whose applications meet specific criteria will benefit from a more streamlined and efficient approval process.

In particular, this update will facilitate the installation of level 2 EV chargers (7-22kW) in various locations including residential homes, apartments, shopping centres, and industrial, commercial, and retail businesses often in carparks, without necessitating costly or disruptive construction work.

When making an application for an additional point of supply please use the free text box in the application to indicate that it is for an additional point of supply and what the additional point of supply is intended to supply. For example:

- Additional point of supply – EVCI; or
- Additional point of supply – dwelling.

For cases where an application for an additional point of supply does not meet the new requirements, customers will need to submit a preliminary enquiry application (available on our website) for Ausgrid's consideration on a case-by-case basis.

### The new requirements in an update to ES1 Premises Connection Requirements are summarised as follows

#### **Residential Properties** *(Building classes 1, 2, 3, and 10 as defined by the National Construction Code)*

Additional points of supply must be for less than 100A and for:

- EV charging infrastructure (EVCI) located on a separate structure from the primary supply, or
- One connection per dwelling (including duplexes), separated by a fire-rated wall or on a separate structure from the primary supply.

#### **Industrial and Commercial Properties** *(Building classes 4, 5, 6, 7, 8, and 9 as defined by the National Construction Code)*

Additional points of supply must be under 100A and for:

- EV charging infrastructure (EVCI) located on a separate structure from the primary supply.

#### **General Requirements**

- The additional point of supply must serve a distinct new or separate development, activity, or function (e.g., an EV charging station).
- No interconnection is allowed between existing and new supply points.
- All main switchboards, distribution boards, private poles and private pillars must be clearly labelled according to AS/NZS 3000 and other relevant standards including what each connection point supplies and where its point of isolation is located.
- Each point of supply requires a unique NMI.
- Earth potential rise risks must be addressed if the property has both high voltage and low voltage connections.
- Temporary builders' supplies must be disconnected once the permanent supply has been established.
- Multiple services shall not be connected to the common structure, including but not limited to private poles, private pillars or riser brackets.

For more information on building classifications see: [Understanding NCC building classifications](#)

## Frequently Asked Questions

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### What does the change in Additional Supply Points mean?

#### **If my property has a second point of supply and has been defected prior to these new changes commencing and I meet the new requirements will the defect notice be withdrawn?**

If your property's second supply was previously defected but now complies with the new requirements, you should contact Ausgrid to discuss your specific situation via [servicesupport@ausgrid.com.au](mailto:servicesupport@ausgrid.com.au).

If the defect solely pertains to the previous requirements, Ausgrid may require an inspection to confirm compliance before withdrawing the defect notice.

#### **Can I have multiple dwellings with separate electrical supplies on a single Torrens Title lot?**

Yes, Ausgrid now permits multiple points of supply on a single Torrens Title lot being redeveloped into multiple dwellings (subject to council approval). This applies to scenarios like duplex construction or the addition of secondary dwellings like granny flats, provided the connection applications meet the new requirements.

#### **Do I still need to have my subdivision registered before connection and energisation?**

No, if you are redeveloping your land into multiple dwellings (e.g., duplexes or townhouses) and subdividing, Ausgrid can now permit connection of and energise secondary connections before the formal subdivision registration. This is contingent on the proposed connection applications meeting the new requirements.

#### **What is the site's primary supply?**

The primary supply refers to the original network connection established for the site.

#### **Does "no interconnection allowed between existing and new supply points" mean they need to run in separate paths, such as a separate cable ladder or conduits?**

The physical location of wiring and associated apparatus is allowed to be located adjacent to each other in accordance with AS/NZS 3000. However, no electrical connection is allowed to be made between the two separate electrical installations.

#### **Can multiple services be connected to a shared private pole or shared private pillar?**

No, each service where required must have its own dedicated private pillar or private pole. Shared service conduits and shared consumers mains conduits are not permitted.