

October 2023

Applications for Electric Vehicle (EV) charging installations at sites with existing supplies.

We are committed to supporting our regions low carbon plans and to making it as easy as possible to connect low carbon technologies, including heat pumps and EV charge points to our network.

In recent months, we have seen an increase in the number of applications to connect EV charge points in car parks of existing customers or at sites with an existing supply. This will often include a request for a separate point of supply.

To provide clarity and support you through the application process, we are providing the following guidance on installations of this type.

A separate connection will only be supplied if each of the three criteria below are met:

- The EV charger(s) will be owned and operated by a third party. To clarify this must be a different company than the one that owns and operates the existing electricity supply.
- The land where the EV charger(s) will be installed is owned or leased by that third party.
- At least one boundary of the land where the EV charger(s) will be installed is touching the boundary of the overall site and is away from the main building of the site with which the EV chargers might be associated.

There will still be only one supply per site, however if the above criteria are met, we will classify any third party leased land where EV chargers are to be installed as a separate site and provide a separate electricity supply.

Where for example on a trading estate, the EV chargers are in land made over by the landlord out of their ownership (rather than one of the shops out of their ownership), the EV chargers may be at the edge of the land formerly the landlords and the shop building.

Multiple, adjacent sites which are separately leased or owned within the same car park area but that have different EV infrastructure owner-operators are also acceptable, subject to each operator individually complying with the criteria above.

It is not possible for Northern Powergrid to provide a separate electricity supply for underground, multi-story or internal car parks.

In all cases, designs of the EV charge point operators' electrical system will need to provide sufficient separation of earthing systems, noting that the streetlights or the EV charge points being charged may be part of the electrical system for some purposes. We would recommend lighting in the charging area be provided by the EV charge point operator, with all other lighting being at a sufficient distance and at least two clear parking spaces between charge point operators.

In line with Engineering Recommendation G88, it is not acceptable to either Northern Powergrid or the IDNO community, for a site to receive supplies from multiple distribution companies and this will not be offered.

If you are considering a project of this type, we encourage you to speak to our team before making an application. Once we have received and assessed your application, your single point of contact will be in touch to explain what is involved and any information we need to progress with your connection.

For questions relating to this briefing or any new connection enquiries, in the first instance, please contact our dedicated connections team on **0800 011 3433** Mon - Fri: 8am - 8pm and Sat: 9am - 5pm.