

Competition in Connection Code of Practice Tables

This document provides information relating to our contestable processes in the common format provided by the Competition in Connections Code of Practice.

4.12.1 Each DNO will publish when an ICP can self-determine its own POC utilising the common template below.

| Market Segment | Self Determination Available (Yes/No) | Comment |
|-----------------|---------------------------------------|--|
| LV Demand | Yes | All submissions >100kVA or >25% feeder rating will be subject to a network integrity check |
| HV Demand | Yes | All submissions >500kVA will be subject to a network integrity check |
| HV / EHV Demand | Yes | All submissions will be subject to a network integrity check |
| EHV132 Demand | Yes | All submissions will be subject to a network integrity check |
| DG LV | Yes | All submissions >100kVA or >25% feeder rating will be subject to a network integrity check |
| DG HV / EHV | Yes | All submissions >500kVA will be subject to a network integrity check |
| UMS LA | Yes | No check required |
| UMS Other | Yes | No check required |
| UMS PFI | Yes | No check required |

4.12.2 Each DNO will publish the criteria by which an ICP can determine their own POC utilising a Standard Design Matrix utilising the common template below.

| Criteria | Measurement | Comment |
|------------------------|---|--|
| Connection capacity | Measured in kVA | Standard Design Matrix applies to the following: <ul style="list-style-type: none"> • For 3 phase loads up to 60kVA • For single phase loads up to 20kVA • For new loads only • Motor loads included but not welding equipment, disturbing loads, or loads typically known to contribute harmonic currents |
| Distance to substation | Metres from connection to substation | Different lengths depending on the size of the mains cable to be connected to. Range from 70 to 230 metres. Details found in EPD283 Low Voltage Design Manual. |
| Service cable length | Length of service cable in metres | Up to 30 metres of service cable under standard design matrix |
| Transformer capacity | Measured in kVA | Need to check both transformer rating and available capacity |
| Asset types excluded | Scope of Standard Design Matrix detailed in EPD283 Low Voltage Design Manual. | Standard Design Matrix applies to the following with all other asset types being excluded: <ul style="list-style-type: none"> • Applies to urban networks only (all cable) |

4.16.3 DNOs shall complete and publish the following standard tables on their website.

Table 1: the market segments where the ICP is able to self-approve its designs

| Market Segment | Self Approval Available (Yes/No) | Comment |
|-----------------|----------------------------------|---|
| LV Demand | Yes | Levels apply, see below |
| HV Demand | Yes | Levels apply, see below |
| HV / EHV Demand | Yes | No levels in place due to small volumes |
| EHV132 Demand | Yes | No levels in place due to small volumes |
| DG LV | Yes | Levels apply, see below |
| DG HV / EHV | Yes | Levels apply, see below |
| UMS LA | Yes | All self approved |
| UMS Other | Yes | All self approved |
| UMS PFI | Yes | All self approved |

Table 2: Qualifying criteria that will apply to allow an ICP to move between the different levels of design approval

| Level | Criteria |
|-------|--|
| 1 | <p>5 projects of 5 reviewed; 5 schemes passed</p> <p>If NERS accredited and submitting both HV and LV designs; -</p> <ul style="list-style-type: none"> • The submission must include at least 2x LV and 2x HV • the audit pass must be awarded to 2x LV and 2x HV to progress to next level |
| 2 | <p>3 projects of 5 reviewed; 3 schemes passed</p> <p>If NERS accredited and submitting both HV and LV designs; -</p> <ul style="list-style-type: none"> • The submission must include at least 2x LV and 2x HV • The audit pass must be awarded to 1x LV and 1x HV to progress to next level |
| 3 | 30% of projects reviewed. Six monthly review of performance and audit level. |