

**Distribution Code Review Panel  
Meeting 69 – Thursday 5 April 2018**

**Distribution Code Annex 1 & 2 Qualifying Standards Review**

At the previous Panel meeting in February the Ofgem Panel representative requested that the Panel undertake a review of all Annex 1 and Annex 2 Qualifying Standards to ensure they meet the specific DCode criteria for being assigned as a Qualifying Standard and those that did not should be removed or reassigned A1>A2 or A2 >A1. The example given was the recent approval of ER P25 which in the view of Ofgem was not a Annex 1 document and therefore should not have been submitted for approval.

In the Distribution Code Constitution and Rules document V7 (May 2017) Standard Procedure 1 sets out the arrangements for governance of Qualifying Standards established by the Distribution Code Review Panel pursuant to DGC4.2 (h) of the Distribution Code and paragraph 4.1 (h) of the Constitution and Rules of the Panel.

The governance arrangements are applied to those technical standards that have been identified as having a material affect on Users. All Annex 1 Standards and Annex 2 Standards are owned by the DNOs and developed by a **transparent and inclusive process** through the Panel with appropriate consultation and publicity as determined in accordance with Standard Procedure 1 and as otherwise determined by resolution of the Panel.

DNOs and Users, and the Authority on behalf of Users in relation to individual DNO Standards, may raise issues on Qualifying Standards in the Panel subject to a materiality test applied by the Panel. The materiality test may be applied to the standard itself and/or to the applicability of the standard in particular circumstances. It is a prerequisite that the standard or part of the standard subject to review must impose technical obligations on a User before it may be reviewed by the Panel.

The following are indicative of the issues to be taken into account in when considering materiality:

1. The DNOs statutory and licence obligations;
2. Impact on industry commercial arrangements;
3. Impact on competition;
4. Impact on industry developments such as distributed generation;
5. Impact on the cost of and practicability of User connections;
6. Impact on the cost and practicability of User operations;
7. Impact on the cost and practicability and performance of DNO network provision;
8. Impact on the cost and practicability and performance of DNO operations; and
9. Potential for change to the standard or its application and the cost of review

There are currently eleven Annex 1 Qualifying standards and six Annex 2 Qualifying standards and can be found in appendix 1 of this paper.

**Panel Recommendation**

The Panel is asked to consider the Ofgem request and recommend an appropriate course of action.

**Appendix 1**

### Annex 1 Qualifying standards

1	Engineering Recommendation G5/4-1	Planning levels for harmonic voltage distortion and the connection of non-linear equipment to transmission and distribution systems in the United Kingdom.
2	Engineering Recommendation G12/4-1	Requirements for the application of protective multiple earthing to low voltage networks.
3	Engineering Recommendation G59/3-3	Recommendation for the connection of generating plant to the distribution systems of licensed distribution network operators
4	Engineering Recommendation P2/6 EM7907	Security of Supply. Distribution planning standards of voltage and of security of supply. (Parts of Scottish Hydro Electric Power Distribution Ltd Area)
5	Engineering Recommendation P24	AC traction supplies to Network Rail.
6	Engineering Recommendation P26	The short-circuit characteristics of single-phase and three-phase low voltage distribution networks
7	Engineering Recommendation P28	Planning limits for voltage fluctuations caused by industrial, commercial and domestic equipment in the United Kingdom.
8	Engineering Recommendation P29	Planning limits for voltage unbalance in the United Kingdom for 132kV and below.
9	Technical Specification 41-24	Guidance for the design, installation, testing and maintenance of main earthing systems in substations
10	Engineering Recommendation S34	A guide for assessing the rise of earth potential at substation sites.
11	Engineering Recommendation G83/2	Recommendations For The Connection of Type Tested Small-Scale Embedded Generators (Up To 16 A Per Phase) In Parallel With Public Low-Voltage Distribution Networks.

### Annex 2 Qualifying standards

1	Engineering Recommendation G81	Framework for design and planning, materials specification and installation and record for Greenfield low voltage housing estate installations and associated, new, HV/LV distribution substations
2	Engineering Technical Report 130-1	Application Guide for assessing the Capacity of Networks Containing Distributed Generation
3	Engineering Technical Report 131	Analysis Package for Assessing Generation Security Capability – Users’ Guide
4	Engineering Recommendation P18	Complexities of 132kV circuits.
5	Engineering Recommendation G87	Guidelines for the Provision of Low Voltage Connections to Multiple Occupancy Buildings
6	Distributed Generation Connection Guides	(published by Energy Networks Association)