

DCRP – Distribution Code Standards – Update for DCRP meeting 67 - 4 December 2018

Work ongoing

Annex 1 Qualifying Standards

Document	Summary	Status
<p>EREC G5/4-1 - Planning Levels for Harmonic Voltage Distortion and the Connection of Non-Linear Equipment to Transmission Systems and Distribution Networks in the UK</p>	<p>National Grid continues to lead on this work although now under the governance of the DCRP. The last meeting of the full WG was 18th April 2017. Meeting notes should be available on the National Grid website. Key progress to date-</p> <p>The sub-groups work has continued to progress:</p> <p>Stage 1 and 2 Sub-group: WPD are chairing this Sub-group. A presentation on this was provided at the last meeting. In response to comments made at that meeting and those received informally from a member of GAMBICA a number of refinements have subsequently been made to the text and the latest text has been circulated to the following:</p> <ul style="list-style-type: none"> - members of the Stage 1 & 2 sub-group - members of the Stage 3 sub-group and - informally to the same a member of GAMBICA <p>Stage 3 Sub-group: Chaired by National Grid. Two meetings held since the last full WG meeting. Work ongoing. Next meeting is 4th September 2017.</p> <p>Harmonics above 50th Sub-group: Chaired by Siemens. Has met 3 times since the last full WG meeting.</p> <p>At the last meeting held on 9 November the Stage 3 sub-group submitted the latest draft proposals for discussion. Comments on the drafting proposal were requested from stakeholders. A technical author has been appointed to pull together the draft text into one concise draft document. The next working group meeting is scheduled for the 12 January where the group will discuss latest progress on drafting. The next key stage will be public consultation and a proposal on this will be presented to the panel in February.</p>	<p>DCRP sanctioned. Revision in progress</p>
<p>EREC P2 – Security of Supply</p>	<p>At the last DCRP we discussed an initial proposed change to P2, as a reminder, these changes included:</p> <p>1. Clarity the scope and objectives of P2 versus ETR130 which have become entangled with both considerable duplication and significant omissions. P2 is clarified as a standard defining what should be</p>	<p>DCRP sanctioned. Revision in progress</p>

	<p>considered and attained, whilst ETR130 becomes a how to recommendation.</p> <p>2. Formally incorporate Distributed Energy Resources (DER) into P2,</p> <p>3. Remove F-Factors and other tables already duplicated in ETR130,</p> <p>4. Refresh the definition of demand to appropriately include consideration and treatment of flexible resources such as DG and DSR,</p> <p>5. Specifically exclude Distributed Generation from the scope of the security standards required by P2 as justified by the earlier work phases.</p> <p>These proposals were discussed with the wider DCRP P2 Working Group at a meeting held on 17th November. General acceptance was agreed and the aim now is to submit a formal DCRP proposal for modification to the Panel in February 2018. Subject to DCRP approval this would then lead to a formal DCRP consultation, request for approval by the Authority and subsequent implementation around quarter two 2018.</p> <p>Phase 2b and 2c would follow as discussed previously.</p>	
EREC S34 – A Guide for Assessing the Rise of Earth Potential at Substation Sites	Public consultation phase has commenced. Closes 26 Jan 2018	DCRP sanctioned. Revision in progress
TS 41-24 - Guidelines for the Design, Installation, Testing and Maintenance of Main Earthing Systems in Substations	Public consultation phase has commenced. Closes 26 Jan 2018	DCRP sanctioned. Revision in progress
ER P28 – Planning limits for voltage fluctuations caused by industrial, commercial and domestic equipment in the UK.	The final draft version 3 of P28 Issue 2 was issued for final comments on 1 August. Comments were received from the ENA Energy Networks Futures Group (ENFG). Responses to these comments and proposed amendments to P28 Issue 2 have been agreed by the P28 Working Group. The amended draft version 3.3 of P28 Issue 2 was sent back to the ENFG for acceptance with a deadline of 20 th October 2017. No further comments were received. A final amended version will be submitted to the DCRP at its meeting on 4 Jan 2018 requesting approval to proceed to public consultation.	DCRP sanctioned. Revision in progress
ER P24 – AC Traction Supplies to British Rail	P24 Working Group reviewing latest document draft – deadline for completing review is 27/10/17. Following completion of review, intention is to proceed to public consultation, subject to no outstanding Group comments.	DCRP sanctioned. Revision in progress.
ER P25 - The Short Circuit Characteristics of Public Electricity Suppliers' Low Voltage Distribution	Revision commenced. P25 and P26 documents amalgamated (P25 Issue 1 supersede, P26 Issue 1 withdraw).	DCRP sanctioned. Revision in progress.

Networks and the Co-ordination of Overcurrent Protection Devices on 230V Single Phase Supplies up to 100A.	28/12/17 – Permission to be requested from DCRP at Panel meeting on 4/1/18 to submit RTA	
ER P-26 – The Estimation of the Maximum Prospective Short-Circuit Current for Three Phase 415V Supplies.	See notes on P25.	DCRP sanctioned. Revision in progress.
ER P29 - Planning limits for voltage unbalance in the UK for 132kV and below	No work to date. Revision to be reviewed on completion of P28 and G5 work. This work has now been factored into the 2018 work programme.	DCRP sanctioned. Revision on hold
Appendix 2 Qualifying Standards	No work on-going	