

Terms of Reference for DCRP/MP/23/01 – Engineering Report (EREP P28) Provide Additional Clarity on EREC P28/2 guidance.

The Distribution Code Review Panel (DCRP) has recently approved the formation of the DCRP/MP/23/01 workgroup to assess the requirement for additional guidance provided in the form of an Engineering Technical Report. The role of this workgroup will be to assess the requirements of Engineering Recommendation P28 Issue 2 (EREC P28/2) and provide an additional level of clarity to generators, developers and customers.

This review has been prompted by feedback received from developers of generation (and demand) equipment, the workgroup will look to evaluate this feedback, whilst being mindful of the wide applicability of EREC P28/2 to all customers.

Responsibilities

1. The workgroup is responsible for assisting the DCRP in the evaluation of the Code Modification Proposal **DCRP/MP/23/01**, as agreed at the DCRP meeting in December 2022.
2. The modification proposal must be evaluated to consider whether it better facilitates achievement of the code objectives. These are to:
 - (a) *permit the development, maintenance and operation of an efficient, coordinated and economical system for the distribution of electricity; and*
 - (b) *facilitate competition in the generation and supply of electricity; and*
 - (c) *efficiently discharge the obligations imposed upon distribution licensees by the distribution licences and comply with the Regulation and any relevant legally binding decision of the European Commission and/or the Agency for the Co-operation of Energy Regulators;*
 - (d) *promote efficiency in the implementation and administration of the Distribution Code.*

Scope

1. The workgroup will develop an Engineering Report (EREP) to provide additional guidance for industry with respect to the practical application of the requirements set out in EREC P28 Issue 2.
2. In addition to any areas requiring specific guidance that the workgroup determines for consideration, The Engineering Report should include the following points:
 - (a) Clarity on perceived conflation between Rapid Voltage Change, (RVC) voltage step changes and Flicker,
 - (b) The use of the 3% value within the Flicker limits (i.e. Flicker characteristic stops at 3% in Annex B of EREC P28/2) and the historical reasons for the use of this value as the limit for step voltage change,
 - (c) Additional clarity on the Flicker curves displayed in EREC P28/2,

- (d) Consider guidance on possible co-incident effects observed at the Point of Common Coupling, (PCC) and general system disturbances from the operation of multiple generation sites connected to the GB Distribution System,
 - (e) Additional guidance on the relevant elements of P28/2 compliance with an effect on generation sites providing frequency services.
3. The workgroup will prepare a document setting out general responses to statements received from developers of generation raised during the initial assessment process. The ENA shall provide this response through their BESS group including the members who raised the initial statements.
4. The workgroup shall consider any implications on related codes with a reference to EREC P28 requirements, such as the Security and Quality of Supply Standard (SQSS) and/or Grid Code requirements.
5. The scope of this workgroup shall not consider any contractual or commercial implications of installing and/or operating any equipment connected to the GB Distribution System, within the scope of EREC P28/2.
6. The workgroup should seek clarification and guidance from the DCRP when appropriate and/or required.
7. The workgroup will consider if a public consultation is required on the development of the Engineering Report under its consideration, in accordance with the Constitution and Rules of the DCRP. If required under instruction of the DCRP, it will:
 - (a) Recommend the content and nature of any resultant consultation to the DCRP,
 - (b) Draft the consultation paper,
 - (c) Receive and analyse the responses, and
 - (d) Recommend to the DCRP any further work as a result of the responses.
8. On acceptance of the workgroups final report, the workgroup may also be given the task of writing the DNOs' report to the authority requesting any changes to the Distribution Code or its associated documents if required.
9. The ENA will be responsible for providing secretariate functions, ensuring all meeting materials and minutes are circulated in a timely manner.
10. The Chair of this workgroup shall engage on additional responsibilities were required to guide and progress this modification while in post.

Workgroup Chair: **TBC**

11. It is recommended that the workgroup has the following members:

Role	Name	Representing (User nominated)
Chair	TBC	TBC
Technical Secretary	Chris McCann	ENA
Member	Peter Twomey	ENWL
Member	Simon Scarbro	NGED
Member	Forooz Ghassemi	NGET

Member	Joe Weston	NPg
Member	Milana Plecas	SPEN
Member	Rula Sha	SSE
Member	Zivanayi Musanhi	UKPN
Member	Saad Khan	GTC
Guest	Gary Eastwood	Threepwood

12. The DCRP reserves the right at any time to amend the membership of this workgroup and the position of workgroup chair.

Compliance

The group will at all times comply with the requirements of the 1998 Competition Act and will not deal with any matter which will or is likely to prevent, restrict or distort competition or constitute an abuse of a dominant position as construed within the Act.