DCode

DCRP_24_02_07

Project / Document Update for the 105th Meeting of the GB Distribution Code Review Panel

4th April 2024
Commencing at 13.00

Microsoft Teams (use link on invitation)
Or use Dial-in details:
Teleconference number 020 3855 5885
Conference ID: 682 301 938#

DCRP/MP/20/04 - Data Exchange WG

Last Meeting was held on Wednesday 13th March 2024. At the last meeting, the group discussed the issue of conducting a trial period. Each DNO identified an interconnected DNO and an IDNO (with whom they have direct network connections) and a relevant network connection to start trial data exchange. The WG went through each schedule and discussed sensitive questions. The trial data exchange began on Monday 25th of March 2024. Collated interaction DNO / IDNO and network connection area for trial data exchange EREC G111 was circulated among the group members. The WG agreed that the next meeting will be held based on the results of the first trial week of data exchange. It was agreed after the trial period to make corrections, clarifications, etc., if necessary, in EREC G111 wording.
A draft timeline for future steps as shown below:

- 25th March – Trial exchange period begin between DNO and IDNO parties,
- 21st June – Trail exchange period end,
- w/c 28th – June WG reconvene to assess.

DCRP/MP/22/05 - Customer Islanding

Development of the legal text is progressing. The workgroup is currently focused on developing a range of diagrams to provide clarity, and considering the compliance requirements for devices which facilitate customer islanded premises.

DCRP/MP/23/01 - Engineering Report (EREP) 28

Voltage fluctuations and the connection of disturbing equipment to transmission systems and distribution networks in the United Kingdom

The last meeting of the P28 Working Group was held on Wednesday 31 January 2024. Some responses to the stakeholder response document have been received. Responses are in the process of being drafted by the Working Group. Worked examples are being developed, focussing on how to assess step voltage change and flicker for various BESS operations. Drafting of the accompany EREP 28 is being progressed, again focussed on the BESS application aspects. The intention is to have a first draft version for review by the Working Group before the end of April 2024. Input on specific technical aspects from other stakeholders, including National Grid and consultants who carry out BESS assessments, is being actively followed.

DCRP/MP/23/02 – Revision to the Constitution and Rules of the DCRP

Now approved by Ofgem and published onto the DCode website.

DCRP/MP/23/04 – EREC P2/9 and EREP 130/5
Security of Supply

Legal text change draft agreed, development of further text ongoing.

DCRP/MP/23/06 – EREC P24/2
AC Traction

During 2020 P24 Issue 2 Draft was circulated for public consultation. The draft attracted a large number of comments and the P24 Working Group worked through those comments during Summer and Autumn of 2020. In parallel to this, early work began on P29 and some proposals around changing the voltage unbalance limits. It was agreed by the DCRP in Winter 2020 that P24 publishing should be postponed until P29 work was completed – this was because voltage unbalance limits would have a major impact on traction connections. Also, it was envisaged that P29 work may have progressed without technical issue. However, P29 revision has encountered technical debate about the limits that should be applied for the distribution networks and this has in-turn kept P24 publishing on hold.
The general view now is that P24 should be progressed regardless and if a future update is needed to reflect different unbalance limits this can be done.

Some work is needed on P24 to make it 'publishing ready' (editorial, formatting and terminology alignment) – once this is agreed with ENA, a consultation and publishing of P24 can follow. Expectation of a publishing date on this basis would be Summer 2024.

DCRP/MP/23/07 – EREC P29/2
Determining transfer coefficients from higher voltages to LV has been a stumbling block to finalising planning limits for each voltage level. It was hoped that co-ordinated power quality monitoring of voltage unbalance in the Melksham Group, which has traction supply connections, would enable these transfer coefficients to be determined. Unfortunately, analysis of the data collected last year did not show the expected correlation from the traction connection at 400kV down through the voltage levels. Possible reasons are that the traction load in proportion to the system fault level was not high enough to be seen clearly above other sources of voltage unbalance. Also that the 10-minute data might not have been granular enough.

There are three possible options for moving the revision of EREC P29 forward to a conclusion, which are:
- Obtaining further 1-minute data from sites where traction load is 'stronger'; or
- Developing a model (based on the National Grid system model with LV system added) to determine transfer coefficients down to LV; or
- Proceed with publishing P29 with proposed limits that do not have transfer coefficients.

A paper has been prepared by ENA on the pros and cons of each option so that a decision on how to move forward can be made.

Planning Limits for Voltage Unbalance in the United Kingdom

This modification is progressing, system data is currently under assessment to further develop the legal text for EREC P29. Further updates will be provided.

DCRP/MP/23/08 – EREC G81
Planning Document suite - Parts 1 to 7

Scope of changes is being developed, engaging Threepwood to deliver changes.

DCRP/MP/23/09 – 2023 DG Connection Guides

Final versions to be published subject to agreement by DCRP.

EREC Document Designations

Designation	Subject Guidance
C	Cable
EB/TP	Electricity Board / Telecommunication Providers
G	Guidance
L	Lines (Overhead)
M	Maintenance
P	Planning
R	Reporting (NEDERS)
S	Switchgear
T	Telecommunication

Accelerated Loss of Mains Change Programme

An action for "DNOs provide an update on the current 1MW – 200kW tranche of generator compliance" was raised under item 11.2 of the minutes of the DCRP meeting held on 1st February 2024:
Responses to date:

Northern Powergrid
Currently 5 >200kW sites in NPg where compliance is yet to be confirmed;

200kW	2
245kW	1
250kW	1
500kW	1
Total	5

DCRP representative suspects that the team managing the ALoMCP process has now disbanded.

Scottish and Southern Electricity
Please see following table that identifies number of sites that are still non-compliant with ALoMCP requirements for SEPD and SHEPD..

Number of sites still to be confirmed as compliant

50 – 99kW	18
100 – 199kW	11
200 – 499kW	1
500 – 1000kW	1
Total	31

SSE are in regular communication with the 1No 200 – 499kW site and trying to establish if they are out of scope. If they are in scope have been given some level of confidence that compliance would be achieved prior to any enforcement having to start.
5th enforcement letter was sent w/c Monday 18th March to the 1No 500 – 1000kW site.