

## Unconfirmed Minutes of the 85<sup>th</sup> Meeting of the GB Distribution Code Review Panel

Thursday 3rd December 2020  
Teleconference  
Commencing at 12.30pm

### Attendees:

Name		Company	Representing
Steve Cox	SC	Electricity North West (Chair)	Chair
Mark Dunk	MD	Energy Networks Association (Secretary)	Code Administrator
Chris McCann	CMc	Energy Networks Association	Code Administrator
Alan Creighton	AC	Northern Powergrid	DNO (observer)
Graeme Vincent	GV	Scottish Power Energy Networks	DNO
Matt White	MW	UK Power Networks	DNO
Nigel Turvey	NT	Western Power Distribution	DNO
Steve Mockford	SM	GTC	IDNO
John Smart	JS	Scottish & Southern Electricity Networks	DNO
Graham Stein	GS	National Grid ESO	Electricity System Operator
Charles Wood	CW	Energy UK	User
Guy Nicholson	GN	Stratkraft	User
Mark Horrocks	MH	WSP	User
Paul Graham	PG	Sembcorp	User
Bryan O'Neill	BON	Ofgem	Regulator
Tim Ellingham	TE	RWE	Generator
Peter Wilkinson	PW	Centrica	Generator

### 1. Apologies and Introductions

SC welcomed members of the Distribution Code Review Panel (DCRP) held via teleconference due to Covid-19 travel restrictions and social distancing. General introductions made.

### 2. Minutes of DCRP meeting held 8<sup>th</sup> October 2020 – DCRP 20 05 02

#### 2.1. Accuracy

A copy of the minutes from the last meeting was shared with the group and the proposed amendments reviewed before they were agreed by the panel.

#### 2.2. Matters Arising

Any matters arising had been included in the agenda for today's meeting.

### 3. Grid Code Issues

# DCode

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AC provided an update from the latest Grid Code Review Panel held since the last meeting:

- There is an EU Brexit Workgroup Consultation that closes 3<sup>rd</sup> December 2020.
- A change to the governance of the Workgroups has been approved and implemented.

GC0121	Brexit – Code administrators meeting being held Friday 4 <sup>th</sup> December
GC0139	Work processing on the harmonisation of week 24 submission of data. Will have implications for the DCode Data Exchange Workgroup.
GC0142	Non-standard Voltages – has been amended and sent to Ofgem for approval.
GC0147	Last resort disconnection of embedded generation – Consultation closed last week, workgroup is currently reviewing the legal text. Discussions have been focused of generator compensation in the event of disconnection.
GC0148	Emergency & Restoration Code Phase II – Nominations for the Workgroup have been accepted. Workgroup is yet to be formed. This is a joint workgroup with GCRP and DCRP, feedback from this group will be presented to the panel.

## 4. EU Network Codes

No Significant Update. Continuing to watch developments in GCode. Technical change mods for G98 and G99 progressing.

## 5. DCode User Issues

None raised.

## 6. Ongoing Dcode/Grid Code Modifications – Updates

### 6.1 *DCRP/MP/17/05 – Provision for Energy Storage Devices in the Distribution Code*

The Storage consultation paper is approaching a draft ready for public consultation. The paper includes V2G and work from the LCT workgroup. This includes their EV and Heat Pump connection form and process in the form of a flow chart. It was agreed the paper will be circulated to the members of the LCT workgroup and responses collated by Friday 11<sup>th</sup> December. Depending of the response, the paper will go to public consultation mid-December.

**Action: CM/MD**

The question on EU alignment was raised and a statement was requested to be added to the paper covering this. Clarification of the falling frequency requirement was raised. Some text covering the definition will be added to the paper clarifying the proposal around this subject prior to workgroup consultation.

**Action: CM**

## **6.2 DCRP/MP/19/04 – Modifications to the Distribution Code and Associated Documents for a No Deal EU Exit**

A small subgroup will be formed between the code administrator and some panel members to review the RTA document and produce a track change version with any amendments included. This will go to the DCRP for approval. Ofgem provided some guidance that a RTA was not required for 1 Jan 2021 given the uncertainty surrounding the Brexit discussions and that this could be looked at post 1st January 2021 after the outcomes of a deal / no deal are clear.

**Action: MD/AC**

## **6.3 DCRP/MP/18/08 - DC0079 - Frequency Changes during Large Disturbances and their Impact on the Total System**

GS presented slides to the group covering the figures of connected generation and the approach to non-compliance. Options were provided and discussed among the panel members on how to advance the programme, (5 in total). Further engagement with the larger generators was called for in relation to aligning relay changes with maintenance windows. It was proposed these discussions be linked to any enforcement developments. These options discussed were:

1. New Compliance Process  
Create provisions in the Distribution Code and DCUSA to clarify how to deal with instances where the LoM, and any other new requirements, were not or could not be complied with by distributed generators.
2. Bring LoM Compliance Deadline Forward  
Current deadline is 31 August 2022 by which time significant costs will have been incurred. Substantial savings would be made if the bulk of the necessary changes could be made before summer 2021.
3. Simplify the Change Process  
Some relays cannot be re-used to apply the new RoCoF settings. Removing the requirement for RoCoF and falling back to under/over voltage and frequency could reduce the implementation time and cost.
4. Intervention  
Change the emphasis of the programme from encouraging generators to come forward to DNOs changing protection settings on the generator's behalf.
5. Clarify Requirements  
Incorrect frequency settings have been applied at some generation sites meaning Distribution Code frequency and voltage operating range criteria can't be met. There would be benefit in ensuring this requirement is clear.

Minutes from this meeting will be sent to the ALoMCP workgroup for their consideration.

**Action: MD/CM**

## **6.4 DCRP/MP/20/05 – P18 Issue 2 Complexity of 132kV documents**

Work is ongoing with the workgroup to finalise the document. Discussions around exclusions section remaining.

## **6.5 DCRP/MP/19/09 EREC P24 Issue 2**

It was agreed that the publication of EREC P24 should go out for consultation in parallel with the EREC P29 consultation. There will be a 2-3-month delay while EREC P29 is being finalised.

## **6.6 DCRP MP/20/04 – Data Exchange WG DCRP Inclusion**

The workgroup has been working on agreeing the schedules and is working with the ECR group and will look to incorporate the findings of GC0139 regarding the technology types to be used in the schedules. Work is ongoing, focusing on harmonising technology types across the ECR and Data Exchange workgroup.

## **7 DCRP Update – Working Groups**

### **G100**

CMc proposed to form a G100 DCRP Workgroup as the DNO-only group has had some initial informal stakeholder engagement and initial agreement on proposed parameters. This was approved by the panel. The Draft ToR will need to be circulated and approved.

**Action: CM**

### **G98/G99**

The technical change modifications are being finalised with a proposed implementation date of September 2022.

### **P2**

A review is ongoing, a summary paper has been produced. An informal meeting with Ofgem to review will be arranged.

**Action MD/SC**

### **DC0079**

DCRP approved the formation of a sub-group to review and develop DCode and propose changes to DCUSA obliging DNO's to disconnect non-compliant generation. Group to commence work in January with the intention to complete DCode modifications by July 2021 and the DCUSA modification by Sept/Aug 2021.

**Action: MD/CM**

## **8 DCRP Consultations- Approval of Panel to proceed.**

See Section 6.1.

## **9 RTA**

No Significant Update.

## **10 Ongoing DCRP Consultations – Update**

# DCode

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No Significant Update.

## **11 DCode Qualifying Standards for revision**

No Significant Update.

## **12 Joint BEIS OFGEM Codes/Standards Review**

A BEIS appointed group has been reviewing engineering standards. It is expected that this paper will form part of the Energy White Paper expected to be published in early 2021. Once available the paper will be circulated to the panel members.

## **13 Loss of Mains Change Programme**

### **DC0079**

See section 6.3.

## **14 DCRP Headline Report**

A summary paper is required on DC0079 and G98 and G99.

**Action; MD**

## **15 AOB**

## **16 Date of next meeting**

Next DCRP meeting – 4<sup>th</sup> February 2021.

## **17 DCRP Meeting Dates for 2021**

4<sup>th</sup> February  
2<sup>nd</sup> April  
4<sup>th</sup> June  
5<sup>th</sup> August  
7<sup>th</sup> October  
2<sup>nd</sup> December