

## Confirmed Minutes of the 67<sup>th</sup> Meeting of the GB Distribution Code Review Panel

4th January 2018  
Meeting held at ENA at 1330.

### Attendees:

Name		Company	Representing
Steve Cox	SC	Electricity North West	Chairman
David Spillett	DS	ENA	Code Administrator
David Thompson	DT	GTC	IDNO (alternate)
Graeme Vincent	GV	SP Energy Networks	DNO
Graham Stein	GS	National Grid	OTSO
John Smart	JS	SSEN	DNO
Kate Dooley	KD	Energy UK	Non-BM Generator
Martin Queen	MQ	Ofgem	Authority
Nigel Turvey	NT	Western Power Distribution	DNO
Tim Ellingham	TE	RWE Trading GmbH	BM Generator
Alan Creighton	AC	Northern Powergrid	DNO (observer)
Guy Nicholson	GN	Element Power	Non-BM Generator
Paul Graham	PG	UK Power Reserve	BM Generator
John Martin	JM	National Grid	National Grid (agenda item 2)

### Apologies:

Stew Horne	SH	Citizens Advice	Customers
Sotiris Georgiopoulos	SG	UK Power Networks	DNO
Steve Mockford	SM	GTC	IDNO
Awais Lodhi	AL	Centrica	Supplier
Ben Vinyard	BV	Segen	Users

#### 1. Introductions

SC welcomed the Panel Members to the meeting of the GB DCRP. General introductions were provided and apologies were noted.

#### 2. National Grid Business Separation Update.

JM presented the Panel with the latest progress on the business separation project currently ongoing within National Grid. Public Consultation on the separation developments will open on 26 January. Proposed draft changes to DCode which are all expected to be editorial will be issued to DCode Administrator by

end of January. DS will alert the Panel to the proposed changes once he has received them . DS agreed to circulate the presentation to the Panel.

**Action: DS**

### 3. Minutes of previous DCRP meeting 26 October 2017 – DCRP 17 05 10

#### 3.1 Accuracy

The Panel reviewed the minutes [DCRP\\_17\\_05\\_10](#) from the previous DCRP meeting held 26 October 2017. With the exception of a few minor editorials the minutes were accepted as a true record and approved for publication to the Distribution Code website.

**Action: DS**

#### 3.2 Matters Arising

With the exception of the issues below all other actions from the previous meeting were either completed or included on agenda [DCRP\\_18\\_01\\_01](#)

- **GCode Modification Proposals 100, 101 & 102**

The ESQCR, Transmission Interconnection and Distribution Licence, DCode and GCode were submitted to the European Commission in 2012 as being the minimum standards. These set the minimum standards for GB prior to the development and implementation of RfG. It was agreed that it would be prudent for the CA to compile a list of changes to the relevant minimum standards since 2012. This work is still currently work in progress and DS will provide an update at the next meeting.

**Action: DS**

AC informed the Panel that Ofgem indicated at the recent GCRP that there was not a need to annually inform the European Commission of any changes to the minimum standards as long as the relevant standard had been published and was publically available. Ofgem were requested to provide written evidence of this new information.

- **Relevant Electrical Standards – GC 103**

DCode sub working group to be set up to review the DCode annex 1&2 standards to ensure they are not more stringent than the requirements contained in the RfG. Recommendations from the working group to be submitted the Panel and then to Ofgem for consideration.

- **National Terms of Connection - Section – Emergency De-energisation**

DS informed the Panel that has raised this matter with the DCUSA Code Administrator and will aim to present this issue at the next DCUSA Panel meeting. The DNOs agreed to take an action to see what the local arrangements are for emergency deenergisation and this information will be required in advance of attending the DCUSA Panel meeting.

**Action: DS/DNOs.**

## 4. Grid Code Issues

### 4.1 GCRP 14 December 2018 - Update

Referencing paper [DCRP\\_18\\_01\\_02](#) AC provided a brief update on the key issues discussed at the recent GCRP meeting held on 14 December 2017. Key issues discussed were as follows:

#### **RfG GCode Modifications GC100, 101, 102**

The process of finalising the RfG GCode Modifications GC100, 101, 102 is nearing completion, with a Code Administrators consultation due to be issued mid Jan. This will need to be co-ordinated with the DCRP process

#### **New GC107 Modification**

There is a new GC107 Modification proposal that could impose new obligations on DNOs to publish RfG information related to technical parameters agreed bilaterally with generators. First WG meeting 18 December

#### **G5/4 review governance processes.**

The GCode and DCode Code Administrators are to agree / confirm the G5/4 review governance processes.

#### **GC0096 WG**

The GC0096 WG re storage is expected to issue a consultation early in the New Year. This should help to inform the DCRP WG

#### **RES documents**

The 5 RES documents that have been discussed during 2017 will be recirculated for a final 20 day consultation period.

#### **Ofgem Sandbox**

All Code Administrators have been invited to an Ofgem meeting to learn about the ‘Sandbox’

## 5. EU Network Codes

### 5.1 Latest Developments

Referencing paper [DCRP\\_18\\_01\\_03](#) DS provided the Panel with an update on the latest developments relating to the GB implementation of the EU Network Codes. Key Issues included:

- System Operation Guideline (SOGL) Update
- Data Exchange and KORRR
- RfG Developments
  - Structure of Distribution Code documents
  - Stakeholder workshops – outcomes
  - GC102 Timeline
  - GC0102 Consultation
  - Alternative Modification Proposals - Decisions

The DCRP was invited to note and endorse the following:

- Progress in developing G98 and G99, with interested stakeholder input from ENA workshops

- The imminent DCRP consultation on the content of G98, G99 and Distribution Code to implement the RfG (which will run in parallel with the GCRP consultation on G Code changes)
- The intent to update the DCRP with the results of the consultation at the 08/02/18 DCRP

Full details of the issues can be found in paper [DCRP\\_18\\_01\\_03](#)

The Panel noted the above issues and endorsed general progress.

## 5.2 DCRP Consultation Timeline

- 04/01 DCRP
- 04/01 & 05/01 G98/G99/D Code/ mapping stakeholder workshops
- 09/01 Extraordinary GCRP
- 10/01 GC0102 Consultation
- 31/01 Consultation closes
- 08/02 DCRP
- 08/02 GCRP (or maybe 09/02)
- 14/02 Report to the Authority

The DCRP discussed, noted the proposed consultation timeline and agreed that if this was required then the Panel would support this proposal. In addition if any additional Panel meetings were required then the Panel would accommodate this request by holding additional meeting dates.

## 6. New DCode/Grid Code Modification Proposals/Updates

### 6.1 GC 102 – DCode update

Referencing paper [DCRP\\_18\\_01\\_04-04e](#), DS provided the Panel with an update of the proposed GC 102 modification. In summary GC102 has now reached the stage of the Code Administration public consultaion. This is proposed to commence 10 January until 31 January. The consultation pack (papers DCRP 18 01 04a – 04e) are the main contents of the consultation pack. The Panel members were quested to agree to the public consultaion phase. The Panel agreed to this and arrangements to commence the public consultation will be put in place. DS will update the Panel of the results of the public consultation at the next DCRP meeting in February.

**Action: DS**

## 7. Ongoing DCode/Grid Code Modifications

### 7.1 DCRPMP/17/0103 - The introduction of harmonised Applicable Qualifying Standards in DCode to ensure compliance with the EU Connection Codes.

Limited progress since last meeting. Working Group nominees and convenor of group still to be identified from the ITCG. Further update to be provided at next Panel meeting.

## **7.2 DCRPMP/17/05 - Provision for Energy Storage Devices in the Distribution Code.**

Limited progress to date. Nominess to working group have been provided by Network Operators. Still to determine other stakeholders. Further update to be provided at next Panel meeting.

## **7.3 DCRP/ER P2 – Update.**

SC provided the Panel with an update on the latest progress on the revision to ER P2. The next key step is to proceed to public consultation with the outputs of the stage 2a wphase of the project.

The aim of the public consultation is to seek the views from industry stakeholders on the proposed modification to Engineering Recommendation P2, subsequently referred to as EREC P2 Issue 7.

The Panel were requested to endorse the amendments to P2 identified in stage 2a and approve the public consultation stage. The main changes proposed in this modification are:

- Clarity of 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 considered and attained, whilst ETR130 becomes a how to recommendation.
- Formally incorporate DER into P2,
- Remove F-Factors and other tables already duplicated in ETR130,
- Refresh the definition of demand to appropriately include consideration and treatment of flexible resources such as DG and DSR,
- Specifically exclude Distributed Generation from the scope of the security standards required by P2 as justified by the earlier work phases.

The review and subsequent revision of EREC P2 has been overseen by a Working Group consisting of member companies and has had input from various key stakeholders with co-ordination provided by the Energy Networks Association (ENA).

One key point raised by MQ is around enforceability of the licence condition. Following some discussions on this issue it was agreed that this issue would be included in the Terms of Reference for stage 2b. MQ to provide DS/SC information on this issue which was raised in advance of the previous P2 review in 2005.

Following discussions the Panel agreed to proceed to Public Consultation.

## **7.4 DCRP/ER P28 – Request Panel approval to proceed to public consultation.**

Referencing paper [DCRP\\_18\\_01\\_06](#) DS provided the Panel with the latest developments on the revision of ER P28. The next key step is to proceed to Public Consultation.

This Distribution Code public consultation will seek the views from industry stakeholders on the proposed modification to Engineering Recommendation P28, subsequently referred to as EREC P28 Issue 2. The proposed EREC P28 Issue 2 constitutes a full technical revision of Issue 1 published in 1989 and has been extended, amongst other things, to cover assessment and limits for rapid voltage changes (RVCs). The review and subsequent revision of EREC P28 has been overseen by a joint Working Group of various key stakeholders with co-ordination provided by the Energy Networks Association (ENA).

The Panel agreed to proceed to public consultation and the consultation will open on 5 January and close at 17:00 on Friday 2 February 2018.

## 7.5 DCRP/ER P25 – Request Panel approval to submit Report to Authority.

Referencing paper [DCRP\\_18\\_01\\_07](#) DS provided the Panel with the latest developments on the revision of ER P25. Following the public consultation phase and resolving the comments submitted the next stage is to submit a Report to Authority. Paper [DCRP\\_18\\_01\\_07](#) explains in detail the changes that have been made to P25.

Following a short discussion the Panel agreed to the request to submit the P25 Report to Authority.

## 8. Joint GCRP/DCRP GC0079 Workgroup Frequency Changes during Large Disturbances Update

### 8.1 Phase 1 - >5MW RoCoF Setting changes update

Referencing paper [DCRP\\_18\\_01\\_08](#) DS provided the Panel members with the latest progress of implementing the changes to the protection settings for >5MW Power Stations. No change since the last meeting in October. There still remains only one site (52MW) within SPEN area that requires to complete the changes. Once this work is complete the overall programme will be complete.

#### >5MW Power Stations – All Connections

	Total MW	MW of changed settings	MW not applicable	MW WiP
ENW	486.31 (507.1)	272.56 (106.0)	213.75 (153.8)	0

# DCode

DCRP\_18\_01\_11

NPg	2460.4 (2469.4)	387.0 (371.2)	2073.4 (1978.9)	0
SPEN	1903.18 (1903.18)	1313.15 (1296.15)	513.03 (513.03)	35.0 (52.0)
SSEPD	2143.99 (2134.3)	1001.35 (338.7)	1142.64 (816.0)	0
UKPN	1482.02 (1482.02)	853.26 (829.46)	628.81 (628.81)	0
WPD	2431.87 (2582.0)	1141.54 (635.0)	1290.33 (1166.7)	0
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31/08/17 (Jul 2017)	10907.77 (10916.77)	4968.86 (4951.86)	5861.96 (5767.36)	35.0 (52.0)

Panel noted progress.

## 8.2 Phase 2 - <5MW RoCoF Setting changes update

Referencing paper [DCRP\\_18\\_01\\_08a](#) DS provided the Panel with a brief update on the latest progress of the DC0079 work group.

Following the Panel meeting in October the DNOs recommended to the Authority that the Distribution Code and G59 should be changed to implement revised RoCoF protection settings for all new non-type-tested generation less than 5MW, ie to bring it into line with generation above 5MW, and to ban the use of vector shift protection. The Authority approved this change on 15 December and it will come into effect on 1 February 2018.

**Remaining Work** - The workgroup is continuing to develop the cost benefit analysis to support retrospective application of revised RoCoF settings to existing non-type tested generation of less than 5MW. The workgroup expects to be in a position to consult on this in two or three months.

The Panel was asked to note the update contained in [DCRP\\_18\\_01\\_08a](#) and to endorse the workgroups intention to consult as soon as possible on the extension of new RoCoF settings and vector shift immunity to all new type tested generation plant.

Panel noted developments.

## 9. DCode Qualifying Standards for revision - December 2017 progress update

Referencing paper [DCRP\\_18\\_01\\_09](#) DS provided the Panel members with a progress update on all Annex and Annex 2 qualifying standards currently undergoing revision. There were no issues and work was progressing to schedule.

Panel noted progress.

## **10. Panel membership Update – Proposals for New Membership**

Referencing paper [DCRP\\_18\\_01\\_10](#) DS provided the Panel with an update on DCRP membership. Since the last Panel meeting update another industry stakeholder has contacted the DCode Administrator to ascertain if membership of the Panel was possible. The paper provides personal details, biography of the two individuals and the skills they can utilise to contribute to the Panel.

The Panel agreed to the nomination. DS will inform the stakeholder of the Panel decision and invite the individual to the next Panel meeting.

**Action: DS**

## **11. Code Administration Issues**

DS provided the Panel with a brief update on three issues:

### **11.1 Ongoing 2017/18 review of CACoP – Update**

2017 review of the CACoP v 4.1 is being led by ENA. An Open letter was issued on 16 November 2017 requesting comments from Gas & Electricity Industry stakeholders on the draft CACoP version 4.2. Closing date for the consultation was 10 December 2018.

#### **Progress**

During the consultation period comments were submitted by the following organisations:

- Association of Meter Operators, Drax, National Grid, Electricity North West, Npower, UK Power Reserve, Western Power Distribution.

#### **Findings**

Most of the comments appear to be reasonable although the proposed changes to Principle 12 has caused some consternation with the stakeholders which need to be discussed as most of the changes to this principle were proposed by Ofgem. Code Administrators will meet on 29/1 to discuss comments.

### **11.2 Ofgem 2018 CACoP Code Admin Survey**

DS confirmed that Ofgem has written to DCode Administrator that Ofgem intend to undertake a second survey and this is expected to take place early Q1 2018. DS will update the Panel on developments at the next meeting in February.

**Action: DS**

### **11.3 Brexit**



# DCode

DCRP\_18\_01\_11

The DCode Administrator along with all other Industry Code Administrators have been invited to attend a meeting with Ofgem on 29/1 to hear what Ofgem has planned in relation to the necessary modifications to Industry codes in relation to removal of reference to the EU. DS will update the Panel on developments at the next meeting in February.

**Action: DS**

Panel noted progress and next steps.

## **12. AOB**

None

## **13. DCRP Administrative Review**

The Panel was happy and content with the Code administration services.

## **14. Date of next meeting**

**Thursday February 8<sup>th</sup> at ENA commencing at 1330.**

## **16. DCRP & ITCG Meeting Dates for 2018**

- Thursday April 5th
- Thursday June 7th
- Thursday August 9th
- Thursday Oct 4th

**All meetings will be held at ENA London.**