

Confirmed Minutes of the 64th Meeting of the GB Distribution Code Review Panel

8th June 2017

Meeting held via tele-conference commencing at 1330.

Attendees:

Name		Company	Representing
David Spillett	DS	ENA	Code Administrator (Chair)
Alan Creighton	AC	Northern Powergrid	DNO (alternate)
Graham Stein	GS	National Grid	OTSO
Gurpal Singh	GSh	Ofgem	Authority (alternate)
Kyle Martin	KM	Energy UK	Non-BM Generator
Guy Nicholson	GN	Element Power	Non-BM Generator
John Smart	JS	SSE Power Distribution	DNO
Nigel Turvey	NT	Western Power Distribution	DNO
Sotiris Georgiopoulos	SG	UK Power Networks	DNO
Steve Mockford	SM	GTC	IDNO
Tim Ellingham	TE	RWE Trading GmbH	BM Generator
Richard Woodward	RW	National Grid (agenda item 4)	OTSO
Richard Colwill	RC	ENA (agenda item 12.4)	Code Administrator

Apologies:

Steve Cox	Electricity North West	Chairman
Morgan Wild	Citizens Advice	Customers
Graeme Vincent	SP Energy Networks	DNO
Martin Queen	Ofgem	Authority

1. Introductions

1.1 In the absence of the Chairman, DS welcomed the Panel to the meeting. General introductions were provided and apologies were noted.

2. Ofgem Updates

2.1 Papers [DCRP_17_02_12](#) and [DCRP_17_02_13](#) are to be presented at the next meeting.

3. Minutes of previous DCRP meeting 9 March 2016 – DCRP 17 01 14

3.1 Accuracy

The Panel reviewed the minutes of previous DCRP meeting held 9 March 2017. With the exception of a few minor editorials the minutes were accepted as a true record and should therefore be published to the Distribution Code website.

Action: DS

3.2 Matters Arising

All actions from the previous meeting were either completed or included on agenda [DCRP_17_02_01](#)

4. Grid Code Issues

4.1 GCRP DAR 30/05/2017

Refrencing paper [DCRP_17_02_02](#) AC provided the Panel with a short update on the key GCRP issues discussed at the meeting of the GCRP On 30 May 2017. Those issues are highlighted in the report. This was the first GCRP meeting held under the new open governance arrangements. The key issues discussed were as follows:

- Self Governance & Materiality - NGET will share some guidance on what's meant by materiality, as this isn't clear and referenced in the Self Governance approach. There are some guide lines used in CUSC which will be circulated.
- Workgroup Timescales - Quite a lengthy discussion relating to whether the 6 month timescale is realistic. No GCRP change to date has been progressed in 6 months. The implication is that there needs to be much more work before a proposal is made to be clear what the defect is and what the possible solutions are. Some concern that in the past some WGs have taken years to complete their work. Ofgem can veto a request for an extension, although this should really be associated with clarification of scope etc. • There is need to be mindful of the workload and the industry resources and prioritise work as required.
- Review of existing Grid Code Workgroups – GC0036 Harmonic Standards. This is a DCode governance process document. NGET view was to close the WG and just have a housekeeping change to update the reference in the GCode from G5/4 to G5/5. Following subsequent discussion between ENA and Grid Code administrators it was agreed that the work of the WG would continue as it has been previously but the ENA would manage the consultation process and submit any final report to authority. This work is included on the DCode work programme.
Terms of Reference and timescales of the WG need to be reviewed.

Action: DS

- The transitional arrangements for the existing joint panel WGs still need to be finalised. The NGET Code Administrator's plan is to hold the GCRP on one day and on an adjacent day hold a single meeting that has on the agenda the GCDF and all the on-going WGs (which will have a limited time slot). Its unclear how this will work in practice as there will be different WG participants and the WGs will have too much to discuss in the limited time that would be available. This will be trialled at the 7 June WG meeting.
- Generally the plan seems to be to close down those GCode WGs that don't directly require a change to the GCode eg GC0036 G5/4 and GC0079 RoCoF, so that they can be managed by the DCRP alone, even where the changes do affect both the Distribution and Transmission system. This is to be discussed / agreed between the DCode and Grid Code Administrators.
- The most material application of this is planning to close down the GC0048/91/95 WGs over the next few months and replace them with new GC100 & GC101 WGs. The detail of how this will all work in practice is to be discussed and agreed between the DCode

and Grid Code Administrators. There is a need to make sure the EU Code implementation is done as efficiently as possible.

4.2 GCode Modification Proposals GC100 & GC101

Referencing paper [DCRP_02_02a](#) RW provided the Panel with an update on the two new modification proposals GC100 & GC 101. The purpose of these two modifications is to repackage existing proposals GC48, GC90, GC91 and GC87 and to agree the continued joint panel working provisions. As Open Governance has introduced new governance arrangements and delivery timescales it is timely to make these new proposals.

GCRP approved the two new mod proposals GC 100 and 101 at its meeting on 30 May. The DCRP are now requested to also approve the new modification which is for GC100 to define in the Grid and Distribution Codes and how the EU connection codes apply to users both new and existing. The modification will also set the Banding Requirements for GB, Fault Ride Through and Fast Fault Current Injection requirements for GB (aspects of GC 48, 90 & 91).

GC 101 is specific to Voltage and Reactive and Frequency requirements for RFG and HVDC codes (aspects of GC48, 90 & 87). There is also a proposal to submit modification proposals for System Management aspects and Compliance processes and it is expected proposals will be submitted to the GCRP in July and also to the DCRP shortly after that. At this point it is expected that working groups and mods GC 48, 90 and 87 will be closed down.

The GC 100 & 101 work will continue as joint work groups with joint work group consultations but where it will differ, due to governance arrangements, is that there will be separate Grid and Distribution Code administration consultations and Reports to Authority.

Once the modifications are approved by the Panels the existing Terms of Reference will be revised and reissued for approval by both Panels.

Action: DS

4.3 GCode EU Connection Codes Project Plan.

RW briefly explained the plan noting it was only indicative and there may be some changes that need to be relected before it can be finalised and approved. When available the final draft project plan will be submitted to the DCRP for approval.

Action: DS

5. EU Network Codes

5.1 EU Network Codes Issues and Updates Presentation.

Referencing paper [DCRP_17_02_03](#) DS provided the Panel with an update on the latest developments relating to the GB implementation of the EU Network Codes.

The update included

- Progress to date on:

- The status of EU Codes
- The current progress in GB

- DCRP documents and the drafting approach
- Progress of the GB Joint Working Groups
 - GC0048 – Connection Codes – RfG progress, Compliance & Banding Update
 - GC0091 – Demand Connection Codes
 - GC0095 – Transmission System Operation Guidelines – Now due to Enter into Force on 22 July 2017
 - Emergency and Restoration Code – Due to Enter into Force in September 2017

The Panel were also invited to endorse the following issues–

- The approach being taken to legal drafting:
 - G98/G99 to replace G83 and G59
 - Reliance on CENELEC standards
 - Development of GB compliance/testing arrangements if necessary as a stop gap
 - Type C (and D), where connected to a distribution system, to be included in the D Code.

A report to the Authority on banding post GC0048 review of the consultation

- GC0048 WG progressing to consultations on:
 - Fault ride through
 - Frequency response
 - Fast fault current injection

The Panel agreed to endorse the proposed course of action on the above issues and noted general progress.

5.2 EU NC GB Implementation

Referencing paper [DCRP_17_02_03a](#) DS provided the Panel with a short update on the EU Network Codes Implementation Progress. There are currently 36 Cross Industry Code Modifications proposals. There are currently 11 DCode modifications proposed. Ofgem are very keen to see where possible for joint modification proposals and final reports to be submitted to the Authority although it is acknowledged that GC open governance may cause some issues.

Panel noted progress.

6. DCode Modifications - Update

Referencing paper [DCRP_17_02_04](#) DS provided the Panel with an update on in relation to DCode modifications.

The Panel noted progress.

7. New DCode Modification Proposals

7.1 DCRP/17/05 (Storage)

Referencing paper [DCRP_17_02_05](#) DS provided the Panel with the background and purpose of the modification proposal. The paper sets out proposals for the setting up a DCRP WG with the aim of for assing, identifying and clearly specifying Distribution Code requirements for the

connection of energy and electricity storage devices of diverse technology type to the Distribution Networks. This working group will also take cognisance any outputs from the work of the ENA TSO-DSO interface group and GC0096. Following comments from KM it also necessary to consider any other external work that is currently ongoing. GN commented on the proposal and agreed it was needed but caveated all this with the need for the Panel to consider “import” and “export” requirements and not to consider what is behind this i.e. inverter or converter. The need to take a practical approach on this is vital. The terms of reference will need to be revised and shared with the Panel to ensure it captures the views of the Panel members. DS will prepare a draft terms of reference for the Panel to review and approve. Any comments on the draft ToR are to be submitted to DS by COP 16 June.

Action: DS/All

GSh will also consult with his colleagues at Ofgem to ascertain when the Flexibility Call for evidence report will be published. If the report is imminent then it may be worth holding off until the reports recommendations on storage has been assessed by the Panel. DS will circulate the report to the Panel when the report is finally published.

Action: DS/GSh

7.2 DCRP/17/06 (Open Governance)

At the March Panel meeting DS was tasked with preparing a proposal for introducing Open Governance similar to to the GC0086 Grid Code Open Governance. Referencing paper [DCRP_17_02_05a](#) DS updated the Panel on his work to date. Following discussion and feedback from the Panel members who are also GCRP members it was suggested that any changes to the DCode governance should wait until the GCode GC0086 open governance arrangements settle into place and to see if there are any learning points that could be considered for any future changes to DCode governance. Another comment suggested any changes should only recognise those suggestions that were documented in the Ofgem CGR 3 report.

Another comment suggested DCode should fully introduce open governance as per the other industry codes but agreed that this should be subject to a period of learning from GCRP open governance before implementing in DCode.

It was therefore agreed that further consideration of Open Governance to the DCode would be suspended for a period of six months to allow for the GCRP Open Governance processes to bed in and any subsequent learning points to be considered as part of the DCode Open Governance discussions. DS will bring this issue of Open Governance back to DCRP in December.

Action: DS

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

8.1. Phase 1 - >5MW RoCoF Setting changes progress

Referencing paper [DCRP_17_02_06](#) DS provided the Panel with an update on the latest progress changing the >5MW RoCoF protection settings. Four GB DNOs have now completed their respective programmes. The remaining 2 DNOs have a cumulative total of 134MW of generation

to complete. This equates to a total of 4 Sites. There was a query from GS regarding the figure of 58 MW in the SPEN report. GV to clarify.

Action: GV

8.2 RoCoF - GC 0079 WG – Revised ToR

Referencing paper [DCRP_17_02_06a](#) GS provided the Panel with an update on the progress of the working group and also the revision to the GC 0079 ToR.

Two key things to highlight. Firstly the working group has been looking at Vector Shift (VS) in particular over the last 6 months. The WG is getting to the stage where its developing conclusions relating to the future application of VS. First of all the WG is coming to the view that VS is not particularly effective detecting an island or indeed riding through disturbances and therefore is possibly not suitable going forward. The WG is working on a forward looking consultation document. This document will be shared with the Panel at the earliest opportunity and would follow up with a further proposal later in the year.

Secondly the WG has also been asked to think about a couple of other related items that have been going on in particular, black start and system restoration.

The Panel was asked to note the changes in the ToR and bear in mind due to GCode open governance that they need to be resubmitted from a DCode perspective at a later date. Secondly the Panel were requested to note that the workgroup intends to consult on the removal of VS as a allowable loss of mains technique for new installations.

One Panel member suggested that there is a need to capture the complete package which should include the commercial requirements associated with implementing of any proposals. Ofgem will be expecting this.

This needs to be clarified and captured accordingly whether in the ToR or elsewhere.

Action: GS/DS

8.3 RoCoF Relays

Referencing paper [DCRP_17_02_06b](#) DS provided the Panel with the latest developments relating to a problem associated with specific industry Loss of Mains Relay. Noting the update the paper recommended that :

- In the short term, given the analysis and testing shows that the non-compliance has no effect at current RoCoF levels, it is proposed to note the issue.
- Compliance can be achieved as part of the wider GC0079 retrospective application of new settings in due course.
- If GC0079 proposals do not allow for the existing non-compliances to be addressed, this will have to be picked up in the future as a new initiative.

The Panel agreed to the recommendations. NT then asked how this recommendation/decision would be visible to industry stakeholders. DS agreed to take this forward with the chair of GC0079 to agree the correct route to publicise this recommendation.

Action: DS

8.4 LFDD & Grid Code OC6

DS provided the Panel with a brief update on paper [DCRP_17_02_06c](#).

It was agreed that this issue would be presented at the next GCDF in July for further discussion. GS suggested that there is some work ongoing at National Grid and it would be prudent to ensure any work and any new issues are aligned. DS and GS agreed to discuss this off line. The Panel will be updated on progress at the next meeting.

Action: DS/SC/GS

9 ER P2 Revision – Update on progress

9.1 Progress Update

Referencing paper [DCRP_17_02_07](#) DS provided a brief update on the progress of the revision to ER P2/6.

The Panel noted progress.

10. DCode Qualifying Standards for revision

10.1 June 2017 progress update

Referencing paper [DCRP_17_02_08](#) DS provided a brief update on progress of all DCode qualifying standards currently undergoing revision.

The Panel noted progress.

11. 2017-2018 ENA DG Connection Guides

11.1 Approval to Publish (DCode Annex 2 QS)

Referencing paper [DCRP_17_02_09](#) DS provided the Panel with an update on the progress of the revisions to the ENA DG Connections Guides. All work is now complete including a public consultation phase. All comments submitted during the consultation have been addressed in the revised guides. As the guides are an Annex 2 qualifying standard to the DCode the Panel has the authority to approve publication.

The Panel approved the guides for publication and they were subsequently uploaded to the DCode and ENA websites on 9 June 2017.

12. Code Administrator Update

Referencing paper [DCRP_17_02_10](#) DS provided the Panel with the latest key Code Administrator updates

12.1 DCode CGR3 Workplan Update

The Panel were provided with an update on the latest progress in delivery of the 2017 CGR3 workplan. The workplan also now includes the recommendations from Ofgem code administration survey undertaken earlier this year.

12.2 Code Administrators Forward Work Plans

ENA and the other Industry Code Administrators have been working collaboratively to develop a joint Forward work plan. A plan is now available and can be found on all industry codes website. The objective of the forward work plan is to coordinate the project management of

major industry change through on going oversight of the end to end delivery of significant programmes and central systems change for example the implementation of EU Network Codes.

12.3 Future DCRP meetings

In light of the Open Governance changes the GCRP are now meeting on a monthly basis to primarily assist with the expected high volume of EU network related code modifications. Consequently It is proposed that the DCRP review its meetings schedule. Currently there are four DCRP meetings per year, three by telecom one by physical meeting. It is proposed that the DCRP increase its number of meeting to six per annum all held at ENA. The Panel accepted the reasons for increasing the frequency of DCRP meetings and agreed to this proposal. DS will revise the meetings schedule for the remainder of 2017* and update the Panel on any new dates accordingly. Dates for 2018 will also be proposed (see minute 18 for proposed dates).

Action: DS

***Post meeting update – Potential dates**

27 July or 3 August

26 Oct or 2 November

12.4 DCode website upgrade

On behalf of the DCode code administrator RC provided the Panel with an update on the work to revise the DCode website. Work has been completed and the Panel were asked to provide any final comments by COP 16 June 2017.

Action: All

13. Panel membership update

13.1 New Panel Membership Requests

Referencing paper [DCRP_17_02_11](#) DS updated the Panel on the current position with regards to new Panel membership requests. The Panel were informed that the Code Administrator had received a nomination from Centrica to fulfil the role of Supplier Representative.

Following a short discussion the Panel endorsed the nomination of Mr Awais Lodhi as the new Supplier Representative. DS will inform Mr Lodhi of the decision.

Action: DS

14. AOB

None

15. **DCRP Administrative Review**

The Panel expressed that it was content with the manner in the operation of the Panel and the manner in which Panel business was discharged.

16. **Date of next meeting**

Thursday 7 September – At ENA

- 17. Meeting dates for 2017**
Thursday 7 December - at ENA

18. Proposed DCRP & ITCG meeting dates for 2018

Thursday February 8th
Thursday April 5th
Thursday June 7th
Thursday August 9th
Thursday Oct 4th
Thursday Dec 6

ITCG - 1030-1230
DCRP - 1330 – 1530

All meetings will be held at ENA London.