Unconfirmed Minutes of the 79th Meeting of the

GB Distribution Code Review Panel

12th December 2019

Meeting held at ENA, 4 More London Riverside SE1 2AU

Commencing at 12.30

Attendees:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** |  | **Company** | **Representing** |
| Steve Cox | SC | Electricity North West (Chair) | Chair |
| Mark Dunk | VH | Energy Networks Association (Secretary) | Code Administrator |
| Julian Pardo | JP | Energy Networks Association | ENA |
| Martin Queen | MQ | Ofgem | Regulator |
| Alan Creighton | AC | Northern Powergrid | DNO |
| Graeme Vincent | GV | Scottish Power Energy Networks | DNO |
| Peter Wilkinson (Phone) | PW | Centrica | Generator |
| Matt White | MW | UK Power Networks | DNO |
| Peter Williams | PW | SSE | DNO |
| William Cass | WC | Last Mile | IDNO |
| Nigel Turvey | NT | Western Power Distribution | DNO |
| Graham Stein (Phone) | GS | National Grid | Transmission Operator |
| Paul Graham (Phone) | PG | UK Power Reserve | BM Generator |

**Apologies:**

|  |  |  |  |
| --- | --- | --- | --- |
| Steve Mockford | SM | GTC | IDNO |
| Paul Graham | PG | Semb Corp | User |
| Caroline Farquhar | CF | Citizens Advice | Customers |
| Tim Jones | TJ | GTC | IDNO |
| Guy Nicholson | GN | Statkraft |  |

# **Introductions**

SC welcomed the Panel members to the meeting of the GB DCRP (the Panel). General introductions were provided, and apologies were noted.

# **Minutes of previous DCRP meeting 08 August 2019**

# ***Accuracy***

The meeting minutes for 10th October 2019 were found not to have been updated from the previous meeting of 8th August.

MD to provide 12th December set of minutes as a record of updates

**Action: DCode Admin (Complete)**

# ***Matters Arising***

* + 1. ***High level report on P2 options***

A final draft in being prepared for review by the P2 Working Group of the report to BEIS and Ofgem regarding the impact of high, medium and low risk scenarios on the public and industry as UK PLC from a revision of the level of security of supply. The report will provide an industry assessment of the number of customers affected during a non-recoverable event and the cost to UK business should supplies disrupted by an unplanned outage be unable to be restored because reinforcement of the network has been curtailed.

***2.2.2. P18 Consultation***

Discussion was had regarding the completion and consultation on minor modifications of ENA ER P18 Complexity of 132kV Circuits. JP forwarded a revised version of the documents and asked the group to confirm this was the latest version for consultation. So far only NPg have commented, other members of the group were encouraged to review and comment before the document went for public consultation.

**Action: All**

It was confirmed that a deeper review of the document is planned in 2020. A copy of the Terms of Reference of the P18 Working Group were requested.

**Action: MW**

***2.2.3. Equipment Certificates and product acceptance***

ENA were still investigating an Equipment Certification route for G98/G99 compliance but talks were still ongoing with possible certification bodies. MD advised that DNV-GL had been asking questions with regards to G98/99 compliance but had not produced any draft scope for developing a certification scheme to date. ENA to continue to liaise and support DNV-GL.

**Action: DCode Admin**

WSP are now undertaking a review of submissions to the G98/99 Type Test Register. Initial review has been completed and WSP are preparing to contact manufacturers who have not completed the registration form correctly or are required to provide supporting information / certification.

MD confirmed that the WSP review of the submissions was finite and due to be completed in March/April 2020, where-upon it would become the responsibility of DNO’s to check submissions for completeness. Members were encouraged to involve their connection teams in the workshop being provided by WSP (date TBA).

**Action: DCode Admin**

# **Grid Code Issues**

# ***SQSS***

Impact from modification in P2 to reviewed by working group in early-January 2020 following submission and discussion of options paper to BEIS

***3.2. GC0127 & GC01128***

The introduction of National Grid System Defence and System Restoration plans will require modifications to Grid Code which have now been submitted. Likely modifications will only impact users with a CUSC contract.

# **EU Network Codes**

Power point presentation DCRP\_19\_06 (attached with these minutes) was reviewed by the ITCG with a brief update on the latest development with regards to the GB implementation of the EU Network Codes.

# **DCode User Issues**

* 1. ***DCRPM Fault Limiters and DPC4.4.4***

MD confirmed that Threepwood have been commissioned to develop EREC G106 Fault Management and Monitoring where the use of fault limitation devices is being considered and advised on.

First draft of G106 will be available to members for comment by mid-January 2020.

* 1. ***P5 Elevation to Dcode Standard***

**MD confirmed that the revision of P5 was included in the 2019 Technical Author Service (TAS) being undertaken by Threepwood.**

# **Ongoing DCode/Grid Code Modifications – Updates**

* 1. ***DCRPMP/17/01/03 - The introduction of harmonised Applicable Qualifying Standards in 5.2 DCode to ensure compliance with the EU Connection Codes.***

Continuing from previous DCRP meetings; 18 current Annex 1 & 2 documents had been reviewed to ensure the requirements do not exceed the requirements set out in the EU Network Codes. DS had prepared a paper DCRP\_19\_03\_05 which detailed the rationale behind the reclassification of Annex documents to either Annex 1 or Annex 2. Members had fed back their views on the recommendation to Ofgem for agreement. Whilst some members held views which were alternative to the recommendation as per DCRP\_19\_04\_05, the panel had discussed the review paper and concluded the materiality criteria was clear and the correct classification is detailed in the revised paper attached. The recommendation had been sent to Ofgem and members were awaiting Ofgem’s response.

There is no further update available at this time, MD to review Ofgem response once provided

**Action: Dcode Admin**

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

A DCode Storage Working Group is considering the implications of GC0096 on DCode and clarify why the current proposal is to remove the present ‘exclusions’ for Elec Storage in the DCode and G98/99.

* 1. ***DCRP/MP/18/03 - Revision of Engineering Recommendation (EREC) P2 – Security of Supply***

Progress of the P2 report to BEIS was discussed in section 2.2.1 of these minutes

MD will continue to update the ITCG on progress at the next meeting.

**Action: DCode Admin**

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

The Report to Authority along with the revised DCode and associated appendices have been submitted to Ofgem for implementation upon the next agreed date of the UK exit from the European Union.

(Post meeting note – following the completion of the General Election there is a possibility that the exit date of 31st January 2020 could be brought forward.)

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

During the DCRP meeting GS provided a verbal update on the progression of the DC0079 Accelerated Loss of Mains Change Programme (ALoMCP).

Application Window 1 is now closed and submissions are now being assessed and forwarded to DNO’s for action.

Approx. 2,000 sites equating to 5.5GW of generation have been registered although not all will be accepted as some applications were incomplete and some were transmission generation schemes. NGESO will publish a list of successful applicants in January 2020.

A ALoMCP Steering Group has been set up and its initial task is to provide clarity on the treatment of Inverters with protection functions including understanding what changes can be made and what is required within the work programme to comply.

A number of stakeholder events are being planned to further promote the programme and to provide on opportunity for feedback and guidance.

GS to continue to provide updates to DCRP throughout 2020

All information on the programme is available at the link below.

<http://www.energynetworks.org/electricity/engineering/accelerated-loss-of-mains-change-programme.html>

**Action: GS**

* 1. ***Modifications to EREC G99 to reflect the scope in EU 2016/631 in respect of existing power generating modules***

MD advised that the RTA for minor modifications to G99 had been submitted to Ofgem on 29th November. In order to promote consistency and stability it was confirmed that there would be no further modifications to G98/99 until following a review in June/July 2020.

* 1. ***DCRP/MP/19/10 - EREP 131 - Update***

EREP 131 “Analysis package for assessment generation security capability – Users’ guide has been revised to support the development of EREP 130 with input from Imperial College London.

AC confirmed the document had been sent out to DNO’s for comment by 3rd January 2020, ITCG requested that the consultation was extended to the wider stakeholder group with the same timeline in order to expedite the review process.

AC to forward EREC 131 to wider stakeholder group

**Action: AC (Complete)**

* 1. ***GC0117: Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements***

There were no further updates to this modification available at this time.

* 1. ***DCRP/19/05/PC - Modifications to The Distribution Code and EREC G99 of the requirements for Fast Fault Current Injection***

The DCRP/MP/19/05 RTA modification was approved by Authority and the new revision of the document issued 14th November 2020.

In addition a revised G74 document (due to go to public consultation December/January) will include a methodology for contribution to short-circuit from converter driven plant.

MD will continue to update ITCG on progress at the next meeting.

**Action: Dcode Admin**

* 1. ***DCRP/MP/19/03 – EREC G5/5***

MD confirmed the RTA was submitted on 28th November 2019 highlighting that this didn’t tie in with the associated Grid Code modification so will have delayed Ofgem’s approval of the GCode modification.

**Action: DCode Admin**

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

# ***Annex 1 & 2 documents***

Acceptance of the proposal was given to progress the review and revision of DCode Annex 1 and 2 documents in order to better manage the review process

**Action: DCode Admin**

# **Ongoing DCRP Consultations – Update**

* 1. ***DCRP/19/07/PC - P18 Issue 2***

Update as per section 2.2.2 of these minutes

# **DCode Qualifying Standards Review**

***9.1 P24 AC Traction Supplies***

Following engagement with Network Rail the 8th November deadline for consultation has now passed and P24 is now undergoing public consultation

**9.2 P29**

The development of P29 is being co-ordinated by Threepwood with the intention of producing the final document as part of the 2019 TAS programme. MD to follow up with Threepwood.

**Action: DCode Admin**

# **Code Administration Update**

# ***CACoP meeting***

CACOP continues to be hosted by National Grid to understand how Code Administrators can work together and provide better service to users of each code as well as promote visibility of this panel and their function in code modifications to stakeholders. Additionally a regular newsletter from the CACOP is being produced.

# **DCRP Headline report**

SC highlighted the proposal to develop a modification to address the IP data flow requirements set out in DCUSA modification. The proposal is to include in DCode the requirement for enhanced exchange of data between DNO’s, IDNO’s and National Grid at network interconnection points in order to formalise the process.

This will be a new requirement for DCode and may require new legal text to implement investigation will be undertaken to see if changes could be implemented through a modification to G88 “Principles for the planning, connection and operation of electricity distribution networks at the interface between distribution network operators (DNOs) and independent distribution network operators (IDNOs).”

MQ requested a written proposal in order to allow Ofgem to consider their response and provide guidance as how to proceed.

It was noted that there was not a formalised link between Open Networks and DCRP and that communication of modification requirement was through individuals.

# **AOB**

MQ requested that there be fewer verbal updates and that details of progress on modifications and documents be provided either as short papers or on the agenda.

**Action: DCode Admin**

# **Date of next meeting**

6th February 2020 commencing 12.30

# **Meeting Dates for 2019**

9th April 2020

4th June 2020

6th August 2020

8th October 2020

3rd December 2020

All meetings to be held at ENA 4 More London Riverside**.**