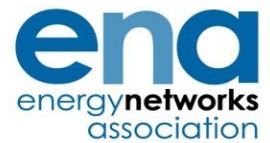


# EU Network Codes

## Energy Networks Association

DCRP Issues and  
Update

7 February 2019



# Agenda

1. System Operation Guideline
2. Requirement for Generators
3. Other Codes
4. Issues for endorsement

- NGESO and DNOs submitted their respective Reports to the Authority on 24 December.
- Distribution Code changes are limited to
  - requiring energy source/prime mover information from G98 connectees to match that already supplied by G99 connectees
  - clarification text in DPC 8 of the D Code making it clear that customers have the right to see the data that DNOs hold in respect of the customer's connexion (for clarity of compliance with Key Organizational Requirements, Rôles and Responsibilities (KORRR))
- NGESO have some level of concern that Ofgem might send the G Code RTA back as SSE Generation has specifically asked for this to be done so in absence of formal legal text for WACGM 1 (ie the alternative that would force all possible data from all Type B and above Generators).
- If Ofgem did send back the Grid Code, they would have to do the same for the Distribution Code. The risk seems very small – we would miss the implementation deadline.
- All NRAs approved KORRR on 21 December unchanged from the last draft (ie with real time defined as needing a 1 minute refresh).

# RFG – 1: Equipment Certificates

- The ENA continues to work with possible providers of Equipment Certificates for the GB market. The ENA is publishing a follow up to its open letter of July. The DNOs have agreed the following policy statement:

*DNOs and National Grid ESO wish to see the early establishment of an Equipment Certificate régime. The ENA will work with all potential providers of Equipment Certificates to enable them to offer Equipment Certificates as soon as possible to manufacturers of generation equipment that is to be used in Great Britain.*

*The ENA is particularly keen to support the development of Equipment Certificates for equipment that will comply with EREC G98 and for the generation equipment at the smaller end of the size range that will be covered by EREC G99.*

*The ENA will periodically publish its view of progress towards establishing the régime in Great Britain.*

*Assuming potential providers bring forward Equipment Certificate regimes it is the ENA's intention that G98 will be updated in the future to make Equipment Certificates mandatory for all power generating modules of 16A or less.*

- Type Tested Database for G98 and G99
  - First release allows device records to be submitted and viewed – but admin functions not yet fully developed – so admin will be handraulic by the developer (Powerdev)
  - Has been broadcast to wider stakeholders mailing list
  - Full function release due around April
- The second Distributed Energy Resource Technical Forum meeting was held on 21 January. Stakeholders seem to be getting benefit from the engagement. So far over two dozen specific points have been raised on G98 and G99. The majority have been resolved and promulgated, whilst a small number do require deeper consideration by the DNOs.
- As reported in December, the housekeeping consultation produced 9 responses, but has prompted some wider changes. It is proposed to consult again post today's DCRP for three weeks. The proposed consultation has been circulated with the Panel papers for this meeting.
- The Standard Application Form for use with G99 has been revised, again with stakeholder input, and has been republished on the ENA's website.

# RfG – 3: Recap on G98/G99 Amendments

- First amendment was made in July 2018 to apply the (then) recently agreed revision to RoCoF protection settings (ie to align with the changed G59 and G83) and also to correct the implementation date (ie to 27 April 2019 from 17 May 2019).
- GC0110 – LFSM-O – this modification was raised to address lack of clarity in LFSM-O requirements for type A and Type B PGMs in G99. It was approved on 30 November 2018.
- Storage Fast Track – this modification brings G98 and G99 in line with the processes agreed with DNOs re how to progress relatively small storage applications meeting certain criteria. This modification was also approved on 30 November 2018.
- GC0111 (clarification of fast fault current injection) is still at the WG stage. As soon as the Grid Code text has been agreed by the WG, it can be turned into text for G99. It is expected that the legal text will be fairly fixed by early February.

# DCC Update

- No update at this time

# Emergency and Restoration Code

- NGESO published the System Defence and System Restoration plans on 18 December 2018.
- The plans imply a number of minor changes to the Grid Code, which will need to be raised as formal modifications soon.
- As reported at the last DCRP there are no obvious new issues for distribution connected customers.



- BEIS published draft Statutory Instruments on 14 December 2018 that relate to the status of the EU Network Codes in the event of a no-agreement Brexit.
- One of these SIs repeals the applicability of all the EU connexion codes (RfG, DCC, HVDC) in UK law.
- The accompanying letter says that the Government will replace the RfG with an equivalent UK statute, and this intent has been confirmed by BEIS personnel. The implication is that the RfG accommodation in the Grid and Distribution Codes should remain

- The DCRP is invited to:
  - Note the SOGL changes to the G and D Codes is with Ofgem for approval
  - Note the progress in implementing the requirements of G98 and G99
  - Endorse a further 3 week consultation on the housekeeping changes to G98 and G99, following – and agree that the DNOs can progress the Report to the Authority for the modification unless anything material arises in the stakeholders' responses.