

# EU Network Codes



## Energy Networks Association

DCRP Issues and  
Update

DCRP\_18\_02\_03

8 February 2018

# Agenda

1. System Operation Guideline
2. Requirement for Generators
  - a. GC0102 Consultation
  - b. Timeline
  - c. Alternatives
3. Demand Connexion Code
4. Other Codes
5. Issues for endorsement

- GC0106 Joint WG meeting to deal with Articles 40-53 dealing with real time data exchange.
- Mapping of the data exchange articles is underway and will be reviewed at next WG meeting (28/02).
- “Key Organizational Requirements, Roles and Responsibilities” (KORRR) document on data exchange as required by Article 40(6) of TSOG – has been consulted on.
- KORRR Stakeholder workshop in Brussels 14/11. Seems ENTSO-e was listening to a number of stakeholder petitions that included our concerns about the KORRR going beyond its legal remit. NG appear to be generally in the same place as GB DNOs re drafting overreach (but maybe in a minority in ENTSO-e).
- ENTSO-e held a meeting with DNOs on 01/02/18 where they explained that they were making substantial amendments to KORRR, largely responding to DNOs input, including deleting a couple of articles entirely. It remains an important document and could drive data exchange issues for all distribution connected parties.
- Also not yet clear when work in GB to implement the rest of the SOGL will be started.

- DCRP consultation closed on 31/01/18. Seven responses were received; four from generator manufacturers and developers, and three from DNOs.
- The most significant responses relate to interpretation of the LFSM-O requirement for Type B generators, and the specification of control signals from DNOs to Generators.
- The LFSM-O issue emanates from NG in the formal role of setting the parameters etc (and probably applies to grid connected Type B too).
- It is proposed to submit a report to Ofgem, with the final legal text of the D Code, G98 and G99 in tandem with National Grid and the Grid Code modifications around 14 February.
- It seems appropriate to initiate modification work immediately to G99 and the Grid Code to resolve the LFSM-O issue, as well as some dissatisfaction of the drafting in the Grid Code (with consequential effect on G99) in relation to fast fault current injection.
- There is likely to be a number of issues that would benefit from rapid clarification post the introduction of the modified G Code and G99. It would make sense to initiate a couple of modifications now (albeit with a single WG) to progress these issues such that the formal processes can be completed in parallel to the introduction of the modified documents, thus facilitating a rapid update.

# RfG Timeline

- 08/02 DCRP
- 08/02 GCRP (or maybe 09/02)
- 15/02 Report to the Authority

- Banding
  - Original NG proposal 800W < Type A < 1MW < Type B < 10MW < Type C < 50MW < Type D
  - Alternative proposal 800W < Type A < 1MW < Type B < 50MW < Type C < 75MW < Type D
  - 12 WG votes for the Original; 4 WG votes for the Alternative
- More Stringent
  - The Alternative Modification suggests that there should be no formal notification stages for a Transmission connected generator of size smaller than Type D until a Final Operational Notification is issued. The Original proposes using EON and ION (although in an early drafting incarnation using different terminology).
  - 15 WG votes for the Original; 1 WG vote for the Alternative
- In both cases Ofgem will be able to choose between the Original and the Alternative.
- The Banding Alternative would have a marginal effect on Distribution Code and G99 drafting, although this has not been formally explored in detail – but mainly for Type C and D which would also be affected by LEEMPS requirements.
- The More Stringent Alternative has no effect on Generators connecting to distribution networks.

- GC0104 has started looking at the detail of DCC implementation
- WG meeting 07/02 to discuss draft WG report (attached with these papers for information)
- WG consultation will be launched on 14/02 for three weeks.
- Subsequently:
  - 05 April DCRP
  - 18 April GCRP
  - End of April Code Administrator consultation
  - Early June Report to the Authority

- No update since last meeting

# GL Electricity Balancing and TERRE

- BSC and G Code consultation (closed 31/01)

- The DCRP is invited to note and endorse:
  - Progress in concluding the modifications to the Distribution Code, G98 and G99 for implementing the RfG, and the DNOs intention to recommend the final versions to the Authority
  - A request to the code administrators co-operate in raising modifications in the very near future to deal with issues emerging from the GC0102 consultation that cannot be accommodated in the current timeline
  - The imminent DCRP consultation on Distribution Code to implement the DCC (which will run in parallel with the GCRP consultation on G Code changes)