

EU Network Codes

Energy Networks Association

DCRP Issues and
Update

7 June 2018



Agenda

1. System Operation Guideline
2. Requirement for Generators
3. Demand Connexion Code
4. Other Codes
5. Issues for endorsement

- The latest ENTSO-e draft of Key Organizational Requirements, Roles and Responsibilities (KORRR) has some serious drafting issues that could make for an interpretation with draconian implications for customer (eg each and every customer needing to wait six months for even the simplest new connexion (or substantial modification) so that the necessary notice can be given to National Grid)
- Ofgem are considering DNOs' submission on KORRR in the light of their need to agree an approach with other European NRAs
- We can expect to see another version of KORRR in July

- GC0104 Joint Consultation closed on 27 April
- Responses to the consultation generally supportive with little implications/alterations to the approach in the workgroup consultation
- However SSE Generation have raised 3 Workgroup Consultation Alternative Modifications – see next slide

- SSE Generation have raised 3 Workgroup Consultation Alternative Modifications:
 1. To remove the flexibility in SOGL and require all possible SOGL data from SGUs and DNOs
 2. To remove the existing GB regional differences in data provision for transmission connected generation
 3. Combination of the two above WCAMs
- WACGM 1 has two effects
 - immediately it is likely to produce a co-ordinated drafting effort between DNOs and NG to implement the specification of all the possible/necessary data into the Grid and D Codes in an integrated way
 - Subsequently to have to fit significant amounts of new real time data monitoring equipment to all existing customers' DG >1MW and to broadly all of DNOs' subtransmission systems
- WACGM 2 is another run at removing the Large/Medium/Small distinctions – and is focussed on T connected generation
- A meeting is being sought between NG, the DNOs, SSE and Ofgem to try to gauge if the effort in developing these WACGMs is warranted

- Approved on 16 May
- Current issues remaining:
 - a) LFSM-O for Type B – AMPS have raised a modification for this for which draft new text has been agreed by all involved parties – Now being progressed as GC0110 – WG meeting 6/6
 - b) FFCI – G Code drafting is incorrect – a mod initiated to correct it - consequential changes to G99 – now being progressed as GC0111 – WG meeting 6/6
 - c) DC0079 RoCoF – need a mod to update G98 and G99 now that DC0079 has been approved for type tested plant. Can now be progressed ASAP
 - d) Published version has wrong implementation date (17/05/19 versus the correct 27/04/19)
 - e) Remaining subtle protection differences between type tested inverters and synchronous or site tested arrangements
 - f) Other minor updates to reflect discussions with stakeholders on type testing of interface protection could possibly be bundled with (e) above
 - g) Incorporation of storage fast track approach into G98 and G99
 - h) P28 – G99 would benefit from harmonization with the new P28 – but this can be done after P28 formally updated (RTA 14/05)
- (a) and (b) are currently underway
- (c) and (d) are presented here separately as housekeeping mods and to progress immediately
- (e) and (f) are the subject of a separate paper to this Panel meeting

- GC0104 Code Administrator's Consultation and DCRP Consultation issued on 17 May; closing 08 June.

- National Grid have led a code mapping session on 11 May, and it is anticipated that NG will organize another session in the near future
- NG are leading the necessary development of a System Defence Plan and a System Restoration Plan – which are needed to be in place by the end of the 2018
- It is likely that there will be some consequential amendments to the Distribution Code – particularly DOC 6 and DOC 9 (and the Grid Code) to accommodate these plans
- There are new requirements in the E&R Code for all storage installations, both new and existing, in terms of how storage responds to falling frequency – it is possible that these requirements will need to be incorporated into all of G59, G83, G98, G99

- The DCRP is invited to note and endorse:
 - The initiation of joint working on modifications for LFSM-O and FFCI with the GCRP – first WG meetings on 06 June 2018.
 - GC0104 consultation closing on 08 June 2018
 - The implications of the E&R code on Distribution Code documents – and possible future modifications to accommodate this code