

Grid Code Review Panel

24 January 2019

Welcome

Introductions and apologies



Panel Induction





Approval of Panel Minutes

19 December
2018

Actions Log



Chair's Update



Authority Decisions

None



New Modifications

None





In Flight Modification Updates

GC0111 - Fast Fault Current Injection Specification Text

- **Last meeting held:** 6 December 2018
- **Workgroup Report due:** 28 February 2019
- **Status:** On track to meet the Panel Workgroup report
- **Next steps:** Next workgroup meeting planned 7 February 2019
- **Panel action required:** No action requested of the Panel
- **More information on modification:**
<https://www.nationalgrideso.com/codes/grid-code/modifications/gc0111-fast-fault-current-injection-specification-text>

GC0109 - The open, transparent, nondiscriminatory and timely publication of the various GB electricity Warnings or Notices or Alerts or Declarations or Instructions or Directions etc., issued by or to the Network Operator(s).

- **Last meeting held:** 3 December 2018
- **Workgroup Report due:** February 2019
- **Status:** Currently off-track to meet the Panel timetable for the Workgroup report
- **Next steps:** Workgroup to meet on 6 February 2019 Workgroup day. Following this, the Workgroup will be able to provide a timetable for the Panel.
- **Panel action required:** No action requested of the Panel
- **More information on modification:** <https://www.nationalgrideso.com/codes/grid-code/modifications/gc0109-open-transparent-non-discriminatory-and-timely-publication>

GC0096 - Energy Storage

- **Last meeting held:** 4 December 2018
- **Workgroup Report due:** 28 March 2019
- **Status:** On track to meet the Panel Workgroup report. Workgroup Consultation closed on 11 January 2019.
- **Next steps:** Workgroup to discuss the Consultation responses. Workgroup will meet on 23 and 25 January 2019.
- **Panel action required:** No action requested of the Panel
- **More information on modification:**
<https://www.nationalgrideso.com/codes/grid-code/modifications/gc0096-energy-storage>

GC0103 - Introduction of Harmonised Applicable Electrical Standards

- **Last meeting held:** 27 March 2018
- **Workgroup Report due:** 25 April 2019
- **Status:** Currently on track to meet the Panel timetable.
- **Next steps:** Workgroup meetings took place on 9 and 10 January 2019. Seeking dates for a Workgroup in February 2019.
- **Panel action required:** No action requested of the Panel
- **More information on modification:** <https://www.nationalgrideso.com/codes/grid-code/modifications/gc0103-introduction-harmonised-applicable-electrical-standards-gb>

GC0107/ GC0113

GC0107 - The open, transparent, non discriminatory and timely publication of the generic and/ or PGM specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the RFG.

GC0113 - The open, transparent, non-discriminatory and timely publication of the generic and user specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the DCC.

- **Last meeting held:** 5 December 2018
- **Workgroup Report due:** March 2019
- **Next steps:** The Workgroup have a number of actions to progress. The next meeting will take place on 6 February where a timetable will be agreed and an extension will be made to the Panel.
- **Panel action required:** No action requested of the Panel

More information on modification:

GC0107 - <https://www.nationalgrideso.com/codes/grid-code/modifications/gc0107-open-transparent-non-discriminatory-and-timely-publication>

GC0113 - <https://www.nationalgrideso.com/codes/grid-code/modifications/gc0113-open-transparent-non-discriminatory-and-timely-publication>

GC0117

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

- **Last meeting held:** 11 October 2018
- **Workgroup Report due:** February 2019
- **Status:** Off track to meet Workgroup report due date to Panel February 2019
- **Next steps:** Finalising the Impact assessment with the inclusion of the Gap Analysis to be agreed by the Workgroup before submission to the Panel. Code Administrator is currently seeking Workgroup availability for the next Workgroup meeting.
- **Panel action required:** No action requested of the Panel

- **More information on modification:**

<https://www.nationalgrideso.com/codes/grid-code/modifications/gc0117-improving-transparency-and-consistency-access-arrangements>

GC0105 - System Incidents Reporting






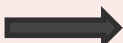

- **Last meeting held:** 14 January 2019
- **Workgroup Report due:** 28 February 2019
- **Status:** On-track to meet the current Panel timetable in relation to the Workgroup Report to Panel.
- **Next steps:** Workgroup consultation closed on 21 December 2018. Webex scheduled 1 February 2019.
- **Panel action required:** No action requested of the Panel
- **Link:** <https://www.nationalgrideso.com/codes/grid-code/modifications/gc0105-system-incidents-reporting>

Prioritisation principles

- Complexity** **The defect addressed by the proposed modification has implications for many different areas of the energy system which need to be taken into consideration throughout the process. The technical complexity and cross code impact of the modification will most likely require significant use of industry time and a higher than average number of workgroups to conclude the process.**
- Importance** **The perceived value and risk associated with the proposed modification. The value / risk could be considered from a number of different perspectives i.e. financial / regulatory / licence obligations both directly for customer and end consumers more generally.**
- Urgency** **A proposed modification which requires speedy consideration within the code governance process, as well as the timescales for implementation within the respective code.**

** = Code Admin have faced issues with quoracy

Prioritisation Stack

Movement	Date Raised	Modifications at Workgroup Stage	Panel Comments on Prioritisation
	18/04/2018	GC0111: Fast Fault Current Injection (FFCI) specification text	Linked to European Network Codes
	14/02/2018	GC0109: The open, transparent, non discriminatory and timely publication of the various GB electricity Warnings or Notices or Alerts or Declarations or Instructions or Directions etc., issued by or to the Network Operator(s).	Urgent Decision Request from Proposer **
	01/05/2016	GC0096: Storage, Definition and Assignment of Technical Requirements for Storage Technologies	Long standing Modification
	21/07/2017	GC0103: Introduction of Harmonised Applicable Electrical Standards	With other Modification having Legal requirements this modification has been placed here.
	18/04/2018	GC0113/107: The open, transparent, non discriminatory and timely publication of the generic and/ user specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the Demand Connection Code (DCC).	With other Modification having Legal requirements this modification has been placed here. **
	20/06/2018	GC0117 - Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements.	With other Modification having Legal requirements this modification has been placed here.
	10/10/2017	GC0105: System Incidents Reporting	Proposer not ready to start progress until later in the year. **



Workgroup Reports

None

Draft Final Modification Reports

- GC0118



Reports to the Authority

- GC0106



Implementation Updates



Electrical Standards

None



Governance

Voting on Final Modification Reports





Grid Code Development Forum and Workgroup Day

Grid Code Development Forum and Workgroup Day(s)

Grid Code Development Forum and Workgroup Day - 14 January 2019

GCDF

- Brexit
- Code Administrator Update

Workgroup Day

- GC0105

Next Grid Code Development Forum and Workgroup Day – 6 & 7 February 2019

Workgroup Days

- GC0107/113 (6 February 2019 – half day)
- GC0109 (6 February 2019 – half day)
- ²⁶ GC0111 (7 February 2019 – full day)



Standing Items

- Distribution Code Panel update
- JESG Update

Brexit



EU Exit modifications

Sophie Van Caloen
National Grid ESO



Purpose of today

The purpose of today is to **provide you with an update** and also to **discuss with you and get your views** on:

- The expected process for EU Exit code modifications in case of no deal
- The initial analysis of modifications based on Statutory Instruments

No deal preparation

- **We are preparing for all scenarios, including the outcome that we leave the EU with no deal in March 2019.**
 - The UK Government has agreed the full legal text of the Withdrawal Agreement with the EU. If this is implemented, an implementation period will run until 31 December 2020 and the working assumption is that consequential changes to licences and codes will not be required during this time.
 - However, BEIS, Ofgem and the industry are preparing for making changes to licences and codes in the event that the UK leaves the EU without a deal.

No deal preparation

- **BEIS has released Statutory Instruments in December 2018.**
 - The SIs aim to ensure that domestic and retained EU legislation in energy would continue to operate effectively.
 - The principle of minimal possible changes is implemented, to ensure continued operability and minimise disruption to the UK's energy market.
- **National Grid ESO is working to prepare changes required to codes.**
 - We are closely working with other Code Administrators and have been engaging collectively with BEIS and Ofgem. The aim is to ensure the process for modification to licences and codes is aligned.
 - We have been informing the industry on how we are preparing for the case of the UK leaving the EU without a deal (letters of [20Nov](#) and [21Dec](#)).

Code modification requirements – Grid Code

- **The intent of the code modification is ensuring sufficient alignment with retained legislation and licences.**
 - The objective is minimum change to support progression in a timely manner.
 - No benefit or detriment is intended to any industry party.
- **The majority of the envisaged changes are straightforward.**
 - References to EU legislation need to be replaced as they would no longer apply to the corresponding UK legislation.
 - The European Connection Codes (RfG, HVDC, DCC) are revoked by the SIs, although BEIS retain the right to bring forward further legislation to reinstate any requirements in GB Law as necessary. No additional change is needed as the codes are already implemented in GB codes. We are liaising with BEIS and Ofgem for further clarity.
 - Some reciprocal agreements (e.g. TERRE) are unclear at this stage and it is therefore not in the best interest to remove related articles. We will keep this under review and liaise with BEIS and Ofgem for further clarity.

Indicative code modifications - Grid Code (I/II)

	Current text	Change based on SI text
Preface	The Grid Code is designed to: “[...] <i>efficiently discharge the obligations imposed upon the licensee by this license and to comply with the Electricity Regulation and/or any relevant legally binding decisions of the European Commission and/or the Agency</i> ”	Update reference to EU legislation.
Mod Process	Code modification process “ <i>necessary to comply with or implement the Electricity Regulation and/or any relevant legally binding decisions of the European Commission and/or the Agency</i> ”	Replace European Commission by Secretary of State and Agency by Regulatory Authority.
Governance Rules	Link to the modification process “ <i>to comply with or implement the Electricity Regulation and/or any relevant legally binding decisions of the European Commission and/or the Agency</i> ”	
Planning Code (and appendix G)	The objectives of the PC are: “[...] to enable NGET to use the information provided to it by Users, as specified in Appendix G, to fulfil its obligations pursuant to Regulation (EU) 2015/1222, Regulation (EU) 2016/1719 and Regulation (EU) 2017/1485, in preparing the Common Grid Model (CGM) envisaged under those Regulations.	Update reference to EU legislations.
European Connection Conditions & Demand Response Services Code & Balancing Codes		Delete reference to EU legislation (not needed).

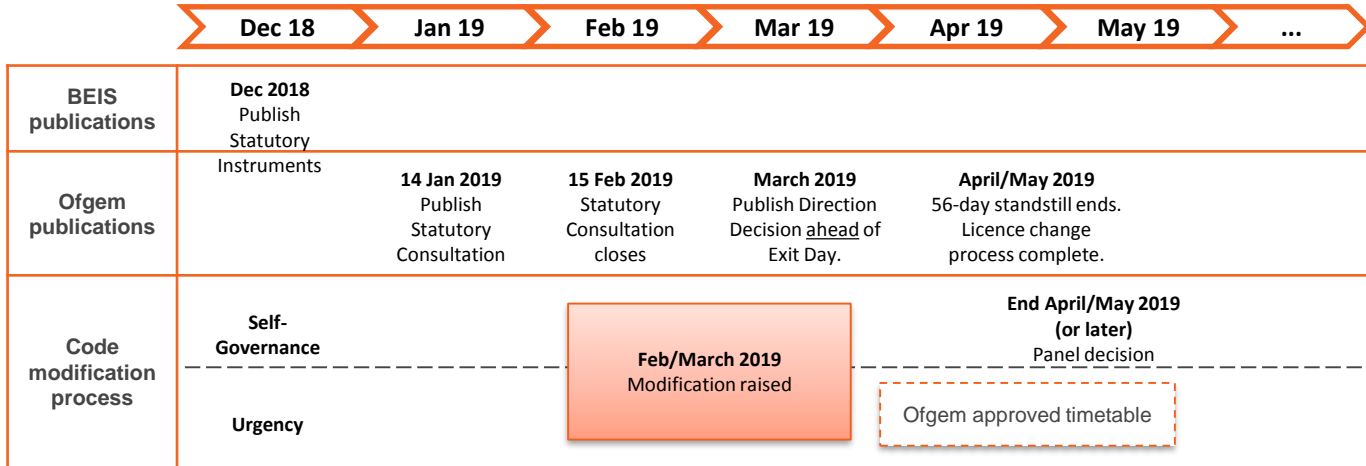
Indicative code modifications - Grid Code (II/II)

	Current text	Change based on SI text
Operating Code	Under European Commission Regulation No. 543/2013, Users are required to submit certain data for publication on the Central European Transparency Platform managed by the European Network of Transmission System Operators for Electricity (ENTSO-E). The Company is required to facilitate the collection, verification and processing of data from Users for onward transmission to the Data Publisher the Central European Transparency Platform.	<p>Update reference to EU legislation.</p> <p>Update the process with the “Data Publisher”, as foreseen in the SI.</p>
Schedule 6		Remove reference to Energy Identification Code (EIC)
Glossary	<p>Authorised Certifier, CENELEC, Equipment certificate, EU Transparency Availability Data, European Regulation xxxx/xxxx, European Specification, Intraday Cross-Zonal Gate Closure and Opening Time, Single Intraday Coupling, TERRE</p>	Delete, add (e.g. Data Publisher) and update relevant terminology.

It is proposed **not to change Grid Code definitions that contain “EU”** (EU code user, European Connection Conditions, European Compliance processes, EU New Grid Supply Point, EU Transparency Availability Data) but that do not specifically reference EU legislation as these definitions do still work. The objective of this modification proposal is to progress minimum changes to ensure legal compliance, so this is considered not necessary.

Ongoing code modifications might also be affected.

Indicative timeline



- Given the current timelines, there is a strong possibility that an interregnum period - between exit day and the licence and codes changes taking effect - will be unavoidable. We are engaging with Ofgem to understand the implication of this.
- We are considering what would be the most appropriate route (likely self-governance?) and liaising with Ofgem to understand the trigger point to raise the proposal as well as the desire for coordination across codes.

What is your view on the modification and indicative timeline?
Do you think another route might be more appropriate?

Thank you

If you have further queries, please contact if you have any further views on the proposed process and modifications to the codes which you would like to share or discuss please get in contact with us via box.codes.mce@nationalgrid.com.

AOB



Next Panel Meeting

10am on 28 February 2019 at National Grid House

Papers Day – 20 February 2019

nationalgrideso.com

National Grid ESO, National Grid House, Warwick Technology Park,
Gallows Hill, Warwick, CV346DA

nationalgridESO