

# Grid Code Review Panel

## Minutes: 27 May 2021

### Grid Code Review Panel Minutes

**Date:** 27/05/2021      **Location:** Microsoft Teams

**Start:** 10:00am      **End:** 14:00pm

### Participants

Attendee	Initials	Company
Trisha McAuley	TM	Independent Panel Chair
Nisar Ahmed	NA	Code Administrator Representative
Kavita Patel	KP	Panel Technical Secretary
Alan Creighton	AC	Panel Member, Network Operator Representative
Alastair Frew	AF	Panel Member, Generator Representative
Christopher Smith	CS	Panel Member, Offshore Transmission Operator Representative
Gurpal Singh	GS	Authority Representative
Guy Nicholson	GN	Panel Member, Generator Representative
Graeme Vincent	GV	Alternate, Network Operator Representative
John Harrower	JH	Panel Member, Generator Representative
Joe Underwood	JU	Alternate, Supplier Representative
Jeremy Caplin	JC	BSC Panel Representative
Nadir Hafeez	NH	Authority Representative
Robert Longden	RL	Panel Member, Supplier Representative
Rob Wilson	RWi	Panel Member, National Grid ESO
Roddy Wilson	RW	Panel Member, Onshore Transmission Operator Representative

Sigrid Bolik	SB	Panel Member, Generator Representative
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### Observers/Presenters

Attendee	Initials	Company
Biniam Haddish	BH	National Grid ESO, Presenter
Bryan Rhodes	BR	Frontier Power, Observer
Eze Ejiogu	EE	Ofgem, Observer
Frank Martin	FM	Siemens Gamesa, Observer
Ian Ashcroft	IA	National Grid ESO, Observer
Matt Baller	MB	National Grid ESO, Observer
Rachel Beaufoy	RB	National Grid ESO, Observer

### Apologies

Attendee	Initials	Company
Steve Cox	SC	Panel Member, Network Operator Representative

## 1. Introductions and Apologies

Apologies were received from Steve Cox. Rachel Beaufoy, Ian Ashcroft, Matt Baller, Bryan Rhodes were welcomed as observers, and Biniam Haddish from ESO presenting the proposed Fault Ride Through Failure Management process.

## 2. Minutes from previous meeting

Subject to the incorporation of minor amendments proposed by AC and an update from GN on the Distribution Code Update agenda item, the minutes from the Grid Code Review Panel meeting held on 29 April 2021 were approved.

## 3. Review of actions log

The Panel was advised of the remaining 4 actions which are kept being open.

The actions log can be found [here](#).

## 4. Chair's update

There were no updates.

## 5. Authority Decisions

Ofgem stated that the pending decision on [GC0109](#) would be made week commencing 12 July 2021.

AC asked about the timescales for Ofgem decision making on code modifications. GS confirmed that Ofgem will publish, on its website, a schedule of when decisions are expected.

GS added that Ofgem will have a short moratorium period in June to enable changes to be made to its website (details of which will also be published) but that there should be no significant stakeholder impact expected as a result of this.

## 6. New modifications

There were no new modifications raised for May 2021.

## 7. Proposed Fault Ride Through Management – ESO presentation - (slide 7)

Biniam Haddish (BH) from the ESO Network Development Team presented on the proposed Fault Ride Through Management process.

He stated that recent system incidents resulting in fault ride through issues had highlighted process gaps in generation disconnecting and network assets tripping.

Follow up investigations had revealed that current Grid Code arrangements are falling short in giving the ESO confidence in operational timescales.

The Panel raised significant concerns about how the industry has been made aware of the issues. BH stated that an email had been sent out to all Users / Customers and Generator owners alongside the letter which had been posted on the ESO website. It became clear, in the discussion that many affected industry parties had not been made aware of the letter or the issue.

CS raised concerns around IFA and IFA2 '*Interconnexion France-Angleterre*' and how they have not received the communication email. A number of other questions were asked regarding out-of-date details or where the correct person in an organisation to deal with this technical issue had not been contacted directly.

AF noted that the action proposed by the ESO of requiring a generator that has failed to ride through a fault to MEL to zero until the issue was explored and/or resolved. AF then asked if this happened tonight would a User be expected to MEL down to zero and what rules require the User do this? BH responded that yes, a User would be expected to MEL to zero but would need to come back later on the rules requiring a User to do this. A number of panel members noted that fault ride through requirements have developed over time, most recently as part of the implementation of the Requirements for Generators European Network Code, and that not all generators are subject to the same (or any) FRT requirement. The Panel expressed its concern that this issue be fully addressed and clarified by the ESO in its communications with the industry.

Guy Nicholson noted that the presentation referenced 35 transmission faults causing generator trips, however the GC0105 System Incidents Report only has one transmission fault reported in 2021 up to end of March. He stated that he expected the System Incidents Reports in April and May to show the missing 34 incidents.

<https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-incidents-report>

**ACTION:** BH to review all the recipients and send a follow up email attaching the letter as well as the link to the website.

**ACTION:** RWi and BH to meet offline and discuss the feedback received from the Panel and the possible next steps with regards to a modification before coming back to a future panel or GCDF to update. To discuss also with NA and review the correct route.

## 8. In flight modification updates

NA outlined the progress of the 17 [in-flight modifications](#).

## 9. Discussion on Prioritisation

Panel reviewed the prioritisation stack for any movements.

**DECISION:** The prioritisation stack remains unchanged and will be published via the headline report.

The updated Prioritisation Stack is included in the Headline Report which can be found [here](#).

## 10. Draft Final Modification Reports

There was one Draft Final Modification Report presented to Panel for a recommendation vote.

### **GC0133** ‘Timely information of the GB NETS System State Condition’

This Modification will require the Transmission System Operator (TSO) for Great Britain National Grid Electricity System Operator (NGESO) to inform, in a timely manner, the System State condition of the GB National Electricity Transmission System (NETS) to market participants.

The Panel discussed the content of the DFMR at length and, in particular whether the report adequately addressed and fulfilled the detailed requirements set out by Ofgem in its send-back letter. A majority of the Panel members agreed that the send-back from Ofgem had not been adequately addressed in the DFMR and that therefore the recommendation vote should not take place at this meeting and the DFMR returned to the workgroup for further consideration. GS stated to the Panel that, although he was not in a position to give a definitive opinion, he overall agreed with the Panel discussion and decision.

RWi alerted the Panel that the SI amending retained EU law has made a number of changes to the SOGL European Network Code as now applies in GB, and in particular of relevance here:

- Article 19 is amended as follows.
- In paragraph 2, omit “, taking into account the structural and real-time data in accordance with Article 42”.
- Omit paragraph 4.

SOGL article 19 para 4 (which is now removed) is as follows:

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R1485&from=EN>

- *If its transmission system is not in normal state and if that system state is qualified as a wide area state, the TSO shall:*
  - (a) inform all TSOs about the system state of its transmission system via an IT tool for the exchange of real-time data at pan-European level; and*
  - (b) provide with additional information on its transmission system elements which are part of the observability area of other TSOs, to those TSOs.*

With this deleted, there is no longer an obligation on the ESO to share the system state with other TSOs on the ENTSO-E Awareness System. RWi stated that while it is the ESO’s intention to continue doing this as long as access continues to the system, it is unclear what the arrangements will be once the ESO officially leaves ENTSO-E (provisionally in June) - and what arrangements may be established in the future under the detail of the TCA.

**DECISION: GC0133** vote was agreed to be deferred to the next Panel meeting as the Panel did not believe that the requirements of the send back letter from Ofgem had been met, in terms of:

1. The benefits of the modification to market participants and stakeholders; and
2. The challenges to the ESO of providing this information, including the challenges of publishing the reasons for the changes of system state condition.

At this point the Chair stated that the Panel has to be clear about its expectations and direction in the send back to the workgroup. It was agreed that:

1. The Workgroup needed to look at the specific, detailed requirements in the send back letter from Ofgem and set out how these had been met in the DFMR.
2. Proposals made by a Panel Member for Legal Text changes should be considered in the context of whether they are more than typographical which would not be allowed.
3. Consideration of the point raised by Rob Wilson.
4. It would be beneficial for a table similar to [GC0109](#) to list the specific system states and provide context.

**ACTION: GC0133** to be referred back to the workgroup to address the four areas outlined above by the Panel.

## 11. Reports to Authority

There were no reports to the Authority.

## 12. Implementation updates

There were two implementation updates.

**GC0144: ‘Alignment of Market Suspension Rights to the EU Emergency and Restoration Code Article 35.1(b)’** - The Authority has directed that this Modification be implemented on 26 May 2021.

**GC0147: ‘Last resort disconnection of Embedded Generation - enduring solution’** - Implemented 17 May 2021.

## 13. Governance

**GC0117 ‘Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements’ – Terms of Reference – Approval after amendments by Workgroup**

**DECISION:** Changes suggested by the Panel to be shared with the Workgroup for comments and advise Panel offline.

**GC0147 ‘Last resort disconnection of Embedded Generation – enduring solution’**

Suggested legal text changes by Ofgem.

**Extract from Ofgem Decision letter dated 14 May 2021 Decision notice:**

We note that the proposed Operating Code No.6B does not cross-reference OC6.B.3 ‘scope’ to OC6B.5 ‘priorities for implementation of embedded generation control instructions’. We consider that such a cross-reference would clarify that embedded generation control is

expected to be implemented in line with OC6B.5 'priorities for implementation of embedded generation control instructions. Specifically, we suggest amending OC6B3.2.2 to "In any case, reasonable endeavours shall be employed by the Network Operator to ensure that the reduction in Active Power output specified in the instruction is achieved, considering also the principles relating to prioritisation set out in OC6B.5.1...". We expect the Grid Code Review Panel to consider making this suggested change in the proposed GC147 legal text by way of a housekeeping self-governance modification.

The Panel agreed that a housekeeping modification should be raised.

**DECISION:** A new self-governance modification will be raised by the ESO to address the legal text changes for **GC0147**.

#### 14. Grid Code Development Forum (GCDF)

**GCDF** - 05 May 2021

Ramping conditions for active power output of HDVC interconnectors are not specified in the Grid Code. Requirements placed upon the Electricity System Operator (ESO) through the System Operator Guideline (SOGL) Article 119 require the ESO to set these out. (It is worth noting that this requirement has been retained following Great Britain's exit of the European Union.)

**June agenda items:**

**GCDF** – 02 June 2021

- Model exchange guidance notes on interaction studies.
- Whole System Grid Code

#### 15. Standing Groups

Distribution Code Review Panel Update

There were no updates.

Joint European Stakeholder Group (JESG)

The Panel noted that **JESG** occurred on 12 May 2021.

#### 16. Updates on other Industry Codes

There were no updates.

#### 17. Blockers to Modification progress (February, May, August, November)

There were no updates. (slide 41)

#### 18. Horizon Scan (February, May, August, November)

There were no updates. (slide 43)

#### 19. Electrical Standards

There were no updates.

#### 20. Forward Plan Update

There were no updates.



## **21. Any Other Business (AOB)**

### **Code Administrator Deliverables**

NA presented to Panel a summary of the Code Administrator deliverables for 2021/22.

Alongside its [annual report](#) Code Admin also published a forward-looking document, where it summarises its deliverables for the coming year. It has developed this based on the feedback it received in its Code Administrator survey, Markets week webinars, and the continuous feedback it seeks at forums, Workgroups, Panels and CACoP.

### **Next Markets Day webinar is on June 22nd**

NA advised panel that, after building on the success of its previous stakeholder event "The Road to Net Zero: Electricity Markets" in March, the ESO is holding a one-day follow-up event on the 22nd of June (Markets Forum). This will be a day of interactive sessions on how the ESO is developing new and existing electricity markets to enable the transition to zero carbon operation and will build on the output from the previous event.

Various Panel Members highlighted that there was no registration link to this forum on the website, to which NA advised he will circulate on behalf of the Code Administrator.

### **Survey Update – Ofgem (GS/NH)**

GS advised Panel that the recent ask for Panel members to participate in the Code Admin survey which is conducted by Savanta is to go live w/c 07/06/2021. GS asked the Panel Members to share the survey with colleagues and stakeholders to enable wider participation by industry participants.

### **Ofgem Moratorium in June (GS)**

GS advised Panel that Ofgem are looking to have a short moratorium period in June, the details of which they will publish on their website. No significant stakeholder impact is expected as a result of this.

### **General discussion on impacts of coronavirus outbreak on Grid Code (ALL)**

NA advised Panel that in line with ESO governance policy, Faraday House will reopen on the 21 June 2021 to NGESO staff only.

The meeting closed with a thank you from the Chair to all Panel members, presenters, observers and facilitators of Grid Code Review Panel.

**The next Grid Code Review Panel meeting will be held on 24 June 2021 at 10:00 via Microsoft Teams.**

**New Modification Proposals to be submitted by 09 June 2021.**

**Grid Code Review Panel Papers Day is 16 June 2021.**