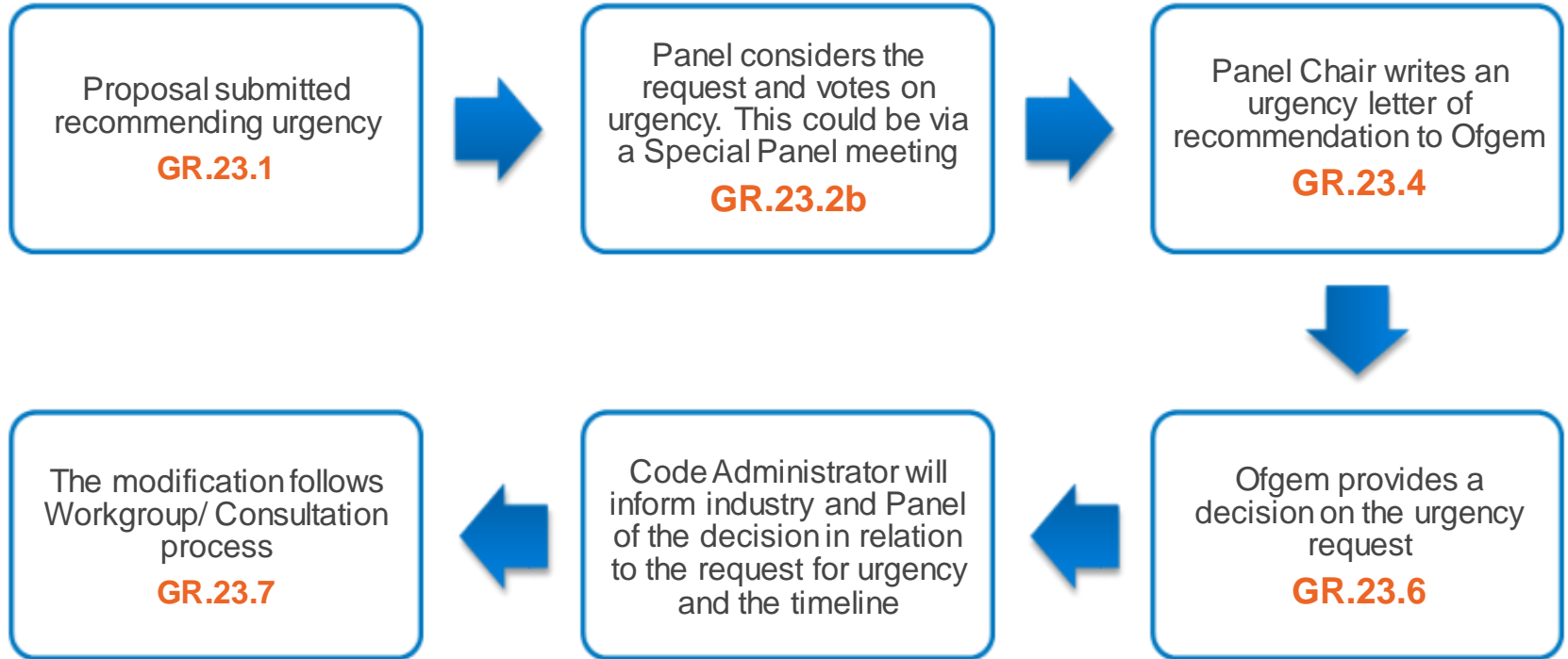


GC0143 – Last resort disconnection of Embedded Generation

1 May 2020

Special Grid Code Review Panel

Urgent Modification Process – GR.23



Possible Amendments to GC0143 Solution (1)

BC2.9.4.1:

Where The Company is unable to satisfy the required System NRAPM or Localised NRAPM by following the process described in BC1.5.5, The Company will issue an Emergency Instruction to exporting BM Units for De-Synchronising on the basis of Bid-Offer Data submitted to The Company in accordance with BC1.4.2(d). **If The Company is still unable to satisfy the required System NRAPM or Localised NRAPM then The Company may issue Emergency Instructions to Network Operator(s) as set out under BC2.9.3.3(f) to disconnect Embedded Power Station(s) from their System.**

Pros/cons:

- Gives further assurance that the ESO will pursue other options before instructing DNOs to disconnect embedded generators
- Does it fetter the ESO's ability to deal with an emergency situation?
- Is there a similar test before demand control actions are taken?

There is also the requirement set out at the beginning of the 'Emergency Actions' section for the ESO to act reasonably:

BC2.9.1.1 In certain circumstances (as determined by The Company in its reasonable opinion) it will be necessary, in order to preserve the integrity of the National Electricity Transmission System and any synchronously connected External System, for The Company to issue Emergency Instructions. In such circumstances, it may be necessary to depart from normal Balancing Mechanism operation in accordance with BC2.7 in issuing Bid-Offer Acceptances. BM Participants must also comply with the requirements of BC3.

Possible Amendments to GC0143 Solution (2)

BC2.9.3.3(f): (addition to the end of this new clause)

....An instruction from The Company to the Network Operator will be given to commence reconnection. Reconnection shall not take place until such an instruction has been received and be carried out in accordance with the instruction.

Pros/cons:

- Roughly matches with the reconnection clauses in OC6 for demand control

BUT

- Could instead be covered in any process produced by the ESO Control Room
- Seems to single out one category of emergency instruction for clarity on restoration

Critical Friend Feedback: GC0143

Code Administrator comments	Amendments made by the Proposer
<p>Identified ESO as an impacted party</p> <p>Added contact details and dates</p> <p>Justification for Urgency to be expanded upon</p> <p>Consistency of language between Ofgem and Authority</p> <p>Sunset clause added to implementation section</p>	<p>All amendments accepted by Proposer</p>

Proposer Recommended Governance Route

The Proposer recommends that this modification should be treated as an Urgent Modification Proposal and go straight to Code Administrator Consultation.

Ofgem's Urgency Criteria

Ofgem's current view is that an urgent modification should be linked to an imminent issue or a current issue that if not urgently addressed may cause:

- a) A significant commercial impact on parties, consumers or other stakeholder(s); or
- b) A significant impact on the safety and security of the electricity and/or gas systems; or
- c) A party to be in breach of any relevant legal requirements.

More information can be found at:

https://www.ofgem.gov.uk/system/files/docs/2016/02/urgency_criteria.pdf

Proposed Urgent Timeline – GC0143

Milestone	Date
Code Administrator Consultation	1 May 2020 to 5pm on 5 May 2020
Draft Final Modification Report issued to Panel	5 May 2020 (after 5pm)
Draft Final Modification Report presented to Panel (for Vote)	6 May 2020
Final Modification Report issued to Panel (to check Votes recorded correctly)	6 May 2020
Final Modification Report issued to Ofgem	6 May 2020
Ofgem decision date	7 May 2020
Implementation Date	7 May 2020

Should we ensure that there is a day contingency in the implementation of the proposed change. This would mean a one-day consultation period

Panel Decision and Next Steps

Does the Panel agree that:

- This modification should proceed to Code Administrator Consultation

Panel will now be asked to:

- Carry out recommendation vote on the request for Urgency; and
- Agree timetable.

Next Steps

- Under GR.23.5, we will now consult the Authority as to whether this Modification is an Urgent Modification Proposal.

Proposed Urgent Timeline – GC0143

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