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# Code Administrator Meeting

## Summary

Workgroup Meeting 24

GC0155 'Clarification of Fault Ride Through Technical Requirements'

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**Date: 13 October 2025**

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### Contact Details

Chair: Ren Walker, [lurrentia.walker@neso.energy](mailto:lurrentia.walker@neso.energy)

Proposer: Bieshoy Awad, [bieshoy.awad@neso.energy](mailto:bieshoy.awad@neso.energy)

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### Key areas of discussion

The aim of Workgroup 24 was for the Proposer to clarify the scope of GC0155 and for the Workgroup to review the Terms of Reference.

### Clarification of GC0155 Scope

The Workgroup discussed the scope of GC0155 following the creation of GC0178, summarised as follows:

- **Debate on Legal Text and New Requirements:** The Workgroup discussed whether the proposed Legal text for GC0155 introduced new requirements beyond the agreed scope, focusing on retrospective obligations, data gathering, and technical clarifications.
- **Concerns Over New Requirements:** The Workgroup raised concerns the proposed changes to the Grid Code would apply retrospectively to all existing plants, not just new ones, and questioned the necessity of imposing new requirements if further changes were anticipated under GC0178.
- **Data Gathering Versus Compliance:** The Proposer explained that the main objective of the new clause was to gather information about existing plant capabilities regarding overvoltage, rather than to enforce strict new compliance requirements, and suggested alternative mechanisms for data collection could be considered.
- **Technical Clarifications and OEM Involvement:** The Workgroup discussed the practicalities of obtaining technical information from OEMs and the feasibility of using general technology explanations instead of site-specific simulations, suggesting that sharing general technical limitations would be less burdensome.
- **Use of EMT Models:** The Workgroup debated the potential use of EMT models for data gathering, highlighting the challenges of developing accurate models for older plants and suggesting that relying on EMT models for existing installations would be impractical.
- **Retrospective Obligations and DNO Impact:** The Workgroup raised concerns that the Legal text would place retrospective obligations on DNOs to collect information from all

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connected LEEMPS (Licence Exemptible Embedded Medium Power Station) and questioned the relevance and feasibility of this requirement.

## Conclusion

The Workgroup agreed the scope of GC0155 is limited to clarifications and corrections of existing requirements, without adding new obligations or requirements, especially regarding overvoltage. The Workgroup raised concerns about the interdependency between GC0155 and GC0178, emphasising the need for clear delineation. The Workgroup agreed that the Proposal Form should explicitly separate the two modifications to prevent overlap and confusion.

The Workgroup asked the Proposer to update the GC0155 Proposal Form to reflect the scope post the existence of GC0178 and remove any overlapping elements. The Proposer agreed to update the Proposal Form.

## Terms of Reference (ToR)

The Workgroup reviewed and agreed the Terms of Reference for GC0155.

The Workgroup discussed ToR (e), IV 'Consider clarifying and or defining requirements for over-voltage during a fault' and whether retaining this disputed point could lead to repeated disagreements. The Proposer shared a view that the Workgroup had fulfilled its obligation to consider overvoltage requirements by proposing their transfer to GC0178.

The Workgroup agreed to document the Workgroup's discussion on overvoltage requirements in the Workgroup Consultation document and explicitly state that further definition and clarification would be handled under GC0178.

The Workgroup agreed this would provide closure.

## Timeline Extension Next Steps

The Chair led a discussion on the existing GC0155 timeline, emphasising the need for a realistic timeline extension.

The Chair agreed to schedule two additional Workgroup meetings which will aim to finalise the Workgroup Consultation document and Legal text updates, with the goal of issuing the Workgroup consultation in December.

The Chair will seek a two-month extension from the Grid Code Review Panel at the October Panel meeting.

## Next Steps

The next steps include updating the proposal form, sharing the revised legal text, adding a section to the consultation document summarising the group's discussions, and circulating meeting invites for the planned sessions.

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Schedule and send invites for the next work group meetings, targeting around 10th November and early December, to review the updated documents and progress towards consultation.

### Actions

Action Number	Workgroup Raised	Owner	Action	Due by	Status
61	WG15	All	Workgroup members to provide feedback on why BCA doesn't work and how they feel they can better comply	WG24	Open
66	WG16	All	Provide feedback on the Issues with the current requirements and validate that these points are correct.	WG24	Open
72	WG23	RW/AH	Latest Workgroup Consultation document to be shared on the collaboration space and shared with members who don't have access.	WG24	Open
73	WG23	ALL	Review Workgroup Consultation document. Build in comments and amendments not limited to neso implementation costs, fault injection requirement in CC and fault current injection under unbalanced faults.	WG24	Open
74	WG23	BA	Provide the PDF document related to unrealistic modelling scenarios to the workgroup and include it as an annex in the Workgroup Consultation document.	WG24	Open
75	WG23	SM	Legal text needs to be updated to the newest baselines of the Grid Code sections. (any current	WG24	Open

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			comments to be transposed to the new baselines)		
76	WG23	RW/AH	Updated Legal Text to be shared on the collaboration space and shared with members who don't have access.	WG24	Open
77	WG23	ALL	Review updated Legal Text.	WG24	Open
78	WG24	BA	Update the GC0155 Proposal Form to clearly reflect the current scope, removing any references to GC178, and circulate the revised document to the Workgroup for review.	WG25	New
79	WG24	BA/RW	Add an additional section to the Workgroup Consultation document to accurately document the differing viewpoints and discussions from Workgroup 24 and then circulate to the Workgroup for input and review.	WG25	New
80	WG24	BA/RW	Incorporate updates to the Workgroup Consultation document, including the revised Proposal Form, Legal text, and a paragraph clarifying the handling of the Terms of Reference item regarding overvoltage's and then circulate the updated draft for review at the next meeting.	WG25	New
WG24		RW	Submit a timeline extension request to the Grid Code Review Panel for a two-month extension to the GC0155 timeline, reflecting the need for two additional Workgroup meetings before reaching Workgroup Consultation.	WG25	New

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### Attendees

Name	Initial	Company	Role
Ren Walker	RW	Code Administrator, NESO	Chair
Andrew Hemus	AH	Code Administrator, NESO	Tec Sec
Bieshoy Awad	BA	NESO	Proposer
Afshin Pashaei	AP	National Grid	Workgroup Member
Andrew Larkins	AL	Sygensys	Workgroup Member
David Stubbs	DS	Harmony Energy	Workgroup Member
Fiona Williams	FW	NESO	SME
Fraser Norris	FN	SSE	Workgroup Member
Graham Lear	GL	NESO	NESO Representative
Harry Burns	HB	EDF Renewables	Observer
Isaac Gutierrez	IG	Scottish Power	Workgroup Member
Jeevan Dhaliwal	JD	Energy Networks	Observer
John Fradley	JF	NESO	Observer
Martin Aten	MA	Uniper	Workgroup Member Alternate
Michail Theodoridis	MT	Vestas	Observer
Mike Kay	MK	P2 Analysis	Observer
Nicola Barberis Negra	NN	Orsted	Workgroup Member
Owen Curran	OC	Siemens Energy	Workgroup Member
Paul Youngman	PY	Drax	Workgroup Member
Sigrid Bolik	SB	Siemens	Observer
Vicenc Casadevall	VC	GE Vernova	Observer