

Public

Code Administrator Meeting Summary

GC0155 Workgroup 21

Date: 25/03/2025

Contact Details: terri.puddefoot@nationalenergyso.com

Chair: Teri Puddefoot

Proposer: Bieshoy Awad

Key areas of discussion

Agenda

The agenda included reviewing the actions log and providing updates on the current status and next steps for modifications GC0155 and the new GC0178.

Actions

The Chair reviewed the action log, focusing on outstanding actions and their current status, emphasising the importance of Workgroup members to review these actions and consider how to close them.

GC0155 Update

The Proposer discussed the new proposal to separate actions relevant to GC0155 from those that might be transferred to GC0178. The Workgroup members were happy to split the TOV part of the modification, which will be formally raised as a new modification. The Terms of Reference for GC0155 were reviewed, and it was decided that no changes were necessary at this stage. However, an update was put into the Panel Papers for the Grid Code Review Panel (GCRP) to correct the term "restoration" to "rotation." The outcome of this correction would be provided in the next meeting based on whether the Panel agreed with the change.

Public

The timeline for GC0155 was discussed, with two more Workgroups planned before going to consultation in June 2025.

GC0178 Update

The Proposer discussed the new TOV GC0178 modification going to the GCRP in March 2025, which addresses the issue of the Grid Code not specifying limits for temporary overvoltages and not specifying how generation should respond during temporary overvoltage events. The proposed solution includes introducing limits for magnitude and duration of TOV and clarifying requirements for Generation plant performance. The importance of consistent requirements across the fleet was emphasised, and the need to avoid unnecessary modifications to existing plant was discussed.

The meeting also covered the need for a consultant to provide external views on mitigation measures and the implications of the proposed TOV modification. There was a discussion on the need for a Cost Benefit Analysis to support the proposals and the importance of considering system needs.

The Terms of Reference for GC0178 were presented, and there was a suggestion to separate the consideration of requirements for existing plant from those for a new plant. There was a focus on defining appropriate limits for TOV and clarifying system requirements for Generation plant performance to minimise risk. It was noted that there is a need to both clarify and define requirements for Generation plant performance during TOV events. This will be presented at Panel for consideration.

Next Steps and AOB

The Chair concluded with a discussion on the timeline and next steps for GC0178.

Public

It was suggested that the GC0178 workgroup should include the GC0155 Workgroup members and seek input from a wider range of stakeholders, including TOs and Turbine Suppliers. A new Nominations form will be sent out.

The Panel will review the draft Terms of Reference, and the next Workgroups will be scheduled to ensure progress on both modifications.

Actions

Action Number Raised	Workgroup	Owner	Action	Comment	Due by	Status
45	WG10	Ofgem	Ofgem Check with Legal if CRM should be put in place if applying retrospectively.	Chair to chase email.	WG20	Open
49	WG12	All	Consider TOV graph, what palatable limits might be.	Requires further elaboration.	WG20	Open
61	WG15	All	Workgroup members to provide feedback on why BCA doesn't work and how they feel they	To be provided during WG discussions and documented within the WG	WG20	Closed

Public

			can better comply.	consultation document.		
65	WG16	All	Provide challenge and provide feedback on risks re Operation During Temporary Overvoltages section.	To be provided during WG discussions and documented within the WG consultation document. Include how the system is currently managed. WG need more data and when TOV occur and how this and Frequency is managed.	WG20	Open
66	WG16	All	Provide feedback on the Issues with the current requirements and validate	To be provided during WG discussions and documented	WG20	Open

Public

			that these points are correct.	within the WG consultation document.		
67	WG18	BA/AP	Consider the technical feasibility of different magnitudes and the overall impact this would have on the stability of the system.	Ongoing discussions and consideration s for consultant review.	WG20	Open
68	WG18	All	Have further discussions with manufacturers with everyone present or obtain written documents from them to understand if TGN288/ RFG-2 figures can be met or if other levels need to be considered. Also carry out some case	BA is currently conversing with a Generator on conceptual ideas with further conversations to be arranged.	WG20	Open

Public

studies on specific plant to understand how the solution may be implemented in reality.

70	WG19	BA	Include worked examples in the consultation document.	WG20	Open
----	------	----	---	------	------

Attendees

Name	Initial	Company	Role
Teri Puddefoot	TP	NESO	Chair
Jess Rivalland	JR	NESO	Technical secretary
Graham Lear	GL	NESO	Code Representative
Bieshoy Awad	BA	NESO	Proposer
Afshin Pashaei	AP	NGET	Workgroup Member
Andrew Larkins	AL	Sygensys	Observer
Fraser Norris	FN	SSE	Workgroup Member
Harry Burns	HB	EDF	Observer
John Fradley	JF	NESO	Observer

Public

Martin Aten	MA	Uniper	Workgroup Member
Mzamoyabo Sibanda	MS	SSE Renewables	Observer
Nicola Barberis Negra	NBN	Orsted	Workgroup Member
Owen Curran	OC	Siemens	Workgroup Member
Sean Gauton	SG	Uniper	Workgroup Member
Sigrid Bolik	SB	Siemens	Observer
Tim Ellingham	TE	RWE	Workgroup Member
Vincenc casadevall	VC	GE Renewable Energy	Observer