

# Code Administrator Meeting Summary

## Meeting name: GC0155 Clarification of Fault Ride Through Technical Requirements - Workgroup Meeting 13

Date: 18/10/2023

### Contact Details

Chair: Milly Lewis, National Grid ESO [Milly.Lewis@nationalgrideso.com](mailto:Milly.Lewis@nationalgrideso.com)

Proposer: Terry Baldwin, National Grid ESO [Terry.Baldwin@nationalgrideso.com](mailto:Terry.Baldwin@nationalgrideso.com)

## Key areas of discussion

The Chair provided an introduction and outlined the objective of the Workgroup being to review the Workgroup Consultation document.

### Authority Update

The Authority provided an update on Action 45 - to provide a Legal view if CRM should be put in place if applying retrospectively. The Authority advised the Workgroup that it may not be possible to provide a definitive legal view and that this decision may need to be made at the point of decision, however this would be clarified at the next Workgroup, when further information had been obtained from both ESO Legal and Ofgem Legal.

The Authority felt that there was benefit in having alternative proposals which include retrospectivity, allowing for any views to be fed in the decision. The Authority noted that it would be helpful for them to add questions in the Workgroup Consultation to gain industry view.

### Review of Workgroup Consultation

The Chair outlined the purpose of the Workgroup Consultation and its purpose within the governance process.

The Workgroup went on to review the Workgroup Consultation document and discussed:

- The Workgroup agreed that the document Overview required an update but that this should be done once the latter part of the document is agreed.
- The Workgroup discussed the impacts of the modification. The Proposer felt that this would be dependant on what the final solution and requirement may be. Workgroup members felt that if retrospectivity was applied then this would have a high impact on Consumers and Developers but agreed that this was dependant on which solution is chosen.

### Executive Summary

- The Workgroup agreed that the word 'minor' should not be applicable to the fourth point (To provide requirements for overvoltage events following a fault), and that greater emphasis should be placed on this.
- The Proposer agreed that further clauses should be added to the 'Proposers Solution' but agreed that this would be amended later.
- A Workgroup member raised concerns over the current implementation approach (currently 10 days after Authority approval) and how this would work retrospectively, and the viability of this. It was agreed that this should be a Workgroup Consultation question. A Workgroup member suggested that a worked example would be of benefit for users to provide clarity, should the original be taken forwards.

- The Workgroup agree that the differences in Voltage should be confirmed for both WAGCM1 and WAGCM2.

### What is the Solution?

- There was some debate over perceived issues relating to FRT Technical compliance and it was agreed that the word 'issue' should be replaced with 'clarification'. Not all members felt that an issue existed and that it was simply clarity that was required.
- A Workgroup member suggested that it should be clear where there is contention relating to fault ride though requirements and TOV and where the Grid code is silent or unclear.
- A Workgroup member felt that much greater detail is required throughout the document.
- The Proposer agreed that there should be some rewording and more detail added.

### Other Discussion

- The Proposer reviewed the Workgroup Consultation questions, ensuring that they fit with the updated solution. Additional questions were considered by other Workgroup members.
- It was agreed that further work was required throughout the document to add greater detail.

## Next Steps

- Workgroup Consultation to be updated with most up to date solutions for the Original, WAGCM1 and WAGCM2.
- Legal Text to be completed for review by the next Workgroup.

## Actions

Action number	Workgroup	Owner	Action	Due by	Status
<b>Raised</b>					
29	WG7	BA	To have a conversation offline on understand GEP parameters.	WG8	Open
39	WG8	BA	Discuss CC.6.1.11 with TOs and manufactures and feedback to WG with strawman	WG9	Open
44	WG10	TB	Query with ESO if this is STC or GC issue	WG11	Closed in WG12
45	WG10	Ofgem	Check with Legal if CRM should be put in place if applying retrospectively	WG11	Open
46	WG11	BA	BA to share most up to date legal text	WG12	Closed in WG12
47	WG11	SS	Come back with feedback on action 43	Early August 2023	Open
48	WG12	AM	Share RMS/EMT Study with WG	WG13	Open
49	WG12	All	Consider TOV graph, what palatable limits might be	WG13	Open
50	WG12	ML	Discuss with Ofgem for view on Action 49	WG13	Open
51	WG12	BA	Share the results of the effects with a lower voltage	WG13	Open
52	WG12	FN	Send ML pdf document from AL	WG13	Closed

## Attendees

Name	Initial	Company	Role
Milly Lewis	ML	National Grid ESO	Chair

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Terri Puddefoot	TP	National Grid ESO	Technical secretary
Terry Baldwin	TB	ESO	Proposer
Bieshoy Awad	BA	National Grid ESO	Workgroup member
Alan Mason	AM	Oceanwinds	Workgroup member
Alan Creighton	AC	Northern Powergrid	Workgroup member
Alastair Frew	AF	Drax Power Station	Proposer
Andrew Vaudin	AV	EDF	Workgroup member
Forooz Ghassemi	FG	NGET	Workgroup member
Fraser Norris	FN	SSE	Workgroup member
John Fradley	JF	National Grid ESO	Workgroup member
Julie Richmond	JR	Scottish Power	Observer
Martin Aten	MA	Uniper	Workgroup member
Mzamoyabo Sibanda	MS	SSE Renewables	Observer
Mike Kay	MK	P2Analysis	Observer
Nicola Barberis Negra	NBN	Orsted	Workgroup member
Priyanka Mohapatra	PM	Scottish Power	Workgroup member Alternate
Shilen Shah	SS	Ofgem	Authority
Thomas Roe	TR	ESO	Observer
Tim Ellingham	TE	RWE	Workgroup member
Owen Curran	OC	Siemens	Observer
Cornel Brozio	CB	SP Energy Networks	Observer

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