

# Code Administrator Meeting Summary

## Meeting name: GC0155 Clarification of Fault Ride Through Technical Requirements - Workgroup Meeting 16

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Date: 10/04/2024

### 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))

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## Key areas of discussion

The Chair welcomed attendees to the Workgroup and outlined the objectives for the meeting:

- To review the Action Log for any updates
- To review the draft Workgroup Consultation document

### Review of the Action Log

- The Chair confirmed that there was no update on Actions
- JF noted that Action 54 should be closed

### Review of the draft Workgroup Consultation document

The Chair shared the document with the Workgroup and noted that the focus for this meeting was to review the following:

#### CC.6.3.15.1 (a) (iii)

The Workgroup discussed feedback shared by MK regarding Active Currents and noted that clarity was required on the meaning of this. BA confirmed that the wording was applicable to non-synchronous machines and that the clause was not intended to be specific. A Workgroup member expressed that it was hard to define all requirements and that further guidance was required to ensure compliance.

The Workgroup went on to discuss the option of a Guidance Note and if this was a suitable option for providing clarity.

The Chair suggested that this be added as a Workgroup Consultation question.

AP agreed to draft further legal text relating to Max Reactive Current (**Action 62**).

ECC 6.3.15.9.2.1 (a) (iii)

BA noted that this was an existing clause that has been amended and was applicable to synchronous machines only. The Workgroup agree that the formatting required some work and it was difficult to read. BA agreed to follow the proposed formatting from MK and update the following sections (**Action 63**)

Active Power Following Fault Clearance

A Workgroup member questioned if this was applicable with synchronous generation. The Proposer stated that this was based on synchronous machines but would address everything.

Another Workgroup member questioned if this was in line with requirements in CC.6.3.1.5.3 (i). The Proposer confirmed that this does not interact with this clause. An additional question was asked if this would cause issues with non-compliance. The Proposer stated that this was not the case and that no further wording was required.

ECC6.3.15.8

A Workgroup member expressed concern that it would not be possible to comply with the suggested wording if this was to be applied retrospectively and questioned if an impact assessment could be done on this. BA agreed to review CC on this and feedback at the next Workgroup (**Actions 64**).

Operation During Temporary Overvoltages

Some Workgroup members did not agree with the content of this section but were reminded that this is the Proposers section of the report and that further comments could be added in the Workgroup consideration section.

The Proposer asked the Workgroup to provide feedback on what they think will work and if the principles are good enough giving consideration to the risks of the third paragraph of this section (**Action 65**).

The Issues with the current requirements

The Workgroup went on to discuss overvoltage related requirements. A Workgroup member noted that this was not applicable in Scotland. The Proposer suggested that there would be an equivalent that would be applicable.

The Proposer asked the Workgroup to consider this section and provide feedback (**Action 66**).

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**Next Steps**

- *Workgroup to continue to review Workgroup Consultation Document and BA to ensure that text is tidied in preparation for next Workgroup*

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**Actions**

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Action	Workgroup	Owner	Action	Comment	Due by	Status
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number	Raised				
39	WG8	BA	Discuss CC.6.1.11 with TOs and manufactures and feedback to WG with strawman	WG9	Ongoing
45	WG10	Ofgem	Check with Legal if CRM should be put in place if applying retrospectively	WG11	Open
47	WG11	SS	Come back with feedback on action 43	Early August 2023	Open
49	WG12	All	Consider TOV graph, what palatable limits might be	WG13	Open
51	WG12	BA	Share the results of the effects with a lower voltage	WG13	Open
54	WG14	JF (ESO)	Summary of how HVDC conventionally works to be shared with the Workgroup	WG 15	Closed
56	WG14	BA	Proposer to trace discussions on issues with fault ride through requirements from GC0111 and GC0137	WG 15	Closed
58	WG14	BA	Review section for performing during overvoltages, checking for any missing baseline legal text in these sections, conferring with Workgroup members and reviewing the clause reference at the base of page 11.	WG 15	Ongoing
60	WG15	BA	Create the BCA exception clause to put into text	WG 16	Open
61	WG15	All	Workgroup members to provide feedback on why BCA doesn't work and how they feel they can better comply	WG 16	Open
62	WG16	AP	Draft legal text wording for Max Reactive Current and share with the WG	WG 17	Open
63	WG16	BA	Review formatting of text	WG 17	Open
64	WG16	BA	Review text for ECC.6.3.15.8 and consider non-compliance issues	WG 17	Open
65	WG16	All	Provide challenge and provide feedback on risks re Operation During Temporary Overvoltages section	WG 17	Open
66	WG16	All	Provide feedback on the Issues with the current requirements and validate that these points are	WG 17	Open

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correct.

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## Attendees

Name	Initial	Company	Role
Milly Lewis	ML	Code Administrator, ESO	Chair
Teri Puddefoot	EB	Code Administrator, ESO	Tech Sec
Bieshoy Awad	BA	ESO	Proposer
Terry Baldwin	TB	ESO	Proposer
Afshin Pashaei	AP	NGET	Workgroup Member
Alan Mason	AM	Oceanwinds	Workgroup Member
Alastair Frew	AF	Drax Power Station	Workgroup Member
Fraser Norris	FN	SSE	Workgroup Member
Isaac Gutierrez	IG	Scottish Power	Workgroup Member
Martin Aten	MA	Uniper	Workgroup Member Alternate
Nicola Barberis Negra	NN	Orsted	Workgroup Member
Owen Curran	OC	Siemens	Workgroup Member
Graham Lear	GL	ESO	Observer
John Fradley	JF	ESO	Observer
Mike Kay	MK	Independent	Observer
Mzamoyabo Sibanda	MS	SSE Renewables	Observer
Nathanael Sims	NS	ESO	Observer