

Code Administrator Meeting Summary

Meeting name: GC0155 Clarification of Fault Ride Through Technical Requirements - Workgroup Meeting 15

Date: 13/03/2024

Contact Details

Chair: Milly Lewis, National Grid ESO (milly.lewis@nationalgrideso.com)

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

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

Actions listed in the meeting slides were addressed:

- Open Actions prior to Workgroup 14 should remain open and are ongoing
- Actions 53, 54, 55, 57 and 59 to close
- Action 56 - Work is ongoing on this and further update will be provided at the next Workgroup
- Action 58 – Remain open as work is ongoing

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:

Fault Current Injection

The Workgroup reviewed the wording of this section and it was noted that there was some points of contention around the proposed wording. It was agreed that this would be discussed in more detail.

CC.6.3.15.1 (a) (ii)

The workgroup reviewed wording for CC.6.3.15.1 (a) (ii). Some Workgroup members felt that further review was required to provide clarity.

Workgroup Members expressed concern that the application of this text would cause non-compliance should it be applied retrospectively. Some Workgroup Members felt there was a requirement for a ‘Start from’ date rather than retrospective application.

BA questioned if this would be solved with the introduction of a bilateral agreement or exception clause.

One Workgroup Member stated that they disagree that this would be effective if applied retrospectively even with an exemption clause but could be effective moving forwards.

BA agreed to draft Exception Clause wording to sit within BCA (**Action 60**) and present back to the Workgroup.

BA asked the workgroup to consider and feedback on why the BCA does not work and how they could comply (**Action 61**)

(b) (1b) (ii)

Workgroup agreed with the working of this section be noted that it was very wordy and not easy to read. BA agreed to review and update the text accordingly.

(b) (2b) (ii)

The Workgroup agreed that this section was also very wordy and required some restructuring. It was also noted that there was some interaction with STC section K.

Next Steps

- *Workgroup to continue to review Workgroup Consultation Document*

Actions

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
29	WG7	BA	To have a conversation offline on understand GEP parameters.	Included in previously circulated draft text	WG8	Closed
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
48	WG12	AM	Share RMS/EMT Study with WG	Have been shared with ESO, but as these studies	WG13	Closed

				are confidential they are not something that would be shared outside the SOs and TOs		
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
53	WG14	Chair	Timeline to be re-drafted, shared with Workgroup for comment and submitted to Grid Code Panel	Chair & Proposer will be invited to discuss this at Panel.	WG15	Closed
54	WG14	JF (ESO)	Summary of how HVDC conventionally works to be shared with the Workgroup		WG 15	Open
55	WG14	BA	Baseline legal text quoted in the document to be checked (correct text and references included)	Ref: ECC.6.3.15.8 (vi) & CC 6.3.15.10 (iv)	WG 15	Closed
56	WG14	BA	Proposer to trace discussions on issues with fault ride through requirements from GC0111 and GC0137		WG 15	Ongoing
57	WG14	BA	Proposer to review wording re: fault current injection to reflect wind farms, voltage detection and proportionality (and speak with relevant Workgroup members to agree any points of contention).		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
59	WG14	Chair	Collaborative working options to be explored for working on the draft consultation document.		WG 15	Closed
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

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
Shilen Shah	SS	Ofgem	Ofgem Representative
Afshin Pashaei	AP	NGET	Workgroup Member
Alan Mason	AM	Oceanwinds	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
John Fradley	JF	ESO	Observer
Julie Richmond	JR	Scottish Power	Observer
Mzamoyabo Sibanda	MS	SSE Renewables	Observer
Terry Baldwin	TB	ESO	Observer