

Code Administrator Meeting Summary

Meeting Name: GC0155 Workgroup 4

Date: 25 July 2022

Contact Details

Chair: Banke John-Okwesa, National Grid ESO Banke.John-Okwesa@nationalgrideso.com

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

Key areas of discussion

Review of Actions log

The Workgroup talked through each action in the order it had been logged. The Workgroup agreed to close actions **14** and **15**.

Updates on Plan for Additional Requirements

- The Workgroup reviewed the questionnaire (circulated on 19 July 2022) from the ESO outlining suggested areas that may need to be covered. Some Workgroup members suggested additional points that should be included. It was agreed that most of the suggestions should be considered as part of the scope.
- The ESO rep advised that there is no benefit including Short Circuit Levels as this is being considered separately. It was not concluded whether Vector Shift should be included as it may make the scope become too wide but, due to justifications provided by some Workgroup members as to why it needs to be investigated as part of this modification, the ESO rep agreed to take it away to discuss further with colleagues internally and feedback to the Workgroup.
- It was suggested that contact need to be made with manufacturers to get their views. Another option suggested is for the ESO to consider using generic models of Phase Lock(ed) Loop (PLL) converters.
- Some Workgroup members felt that it will be useful to determine how much data sits with the DNO and how data is transferred from Phasor Measurement Unit (PMU) to the central system.
- Regarding relevant international regulations regarding over voltage, it was suggested that the ESO considers the strawman from SSE.
- It was noted that [GC0141](#) covers EMT Simulation Studies.

Post meeting note: The Final Modification report for GC0141 is due to be sent to Ofgem by 08 August 2022.

Next steps

- The Chair advised that the next meeting will be held on 23 August 2022 and at this meeting, the Workgroup will review and agree on additional requirements to be included to the scope of this modification. The deadline to comment on the ESO's initial questionnaire is 5 August 2022.

The following actions were noted:

Actions Log

Action Number	Workgroup raised	Owner	Action	Comment	Due by	Status
14	WG3	BA/TB	To produce a plan and timelines required for additional work to add overvoltage requirements following a fault into this modification		25 th July 2022	Closed
15	WG3	All	For all the Workgroup members to send Bieshoy the issue and what they feel need to be considered in defining overvoltage requirements.		25 th July 2022	Closed
16	WG4	All	Workgroup members to respond to ESO Questionnaire to determine plan for additional requirements		5 th August 2022	Open
17	WG4	BA/FW	Consolidate comments received, check those requirements that can/cannot be included and provide update.		15 th August 2022	Open
18	WG4	BA	Reach out to manufacturers to get their views		23 August 2022	Open

Participants

Attendees	Initials	Company	Position
Banke John-Okwesa	BJO	Code Administrator National Grid ESO	Chair
Ruth Roberts	RR	Code Administrator National Grid ESO	Technical Secretary
Terry Baldwin	TB	National Grid ESO	Proposer & Workgroup Member
Alan Creighton	AC	Northern Powergrid	Workgroup Member
Alan Mason	AM	Oceanwinds	Workgroup Member
Alastair Frew	AF	Drax Power Station	Workgroup Member
Andrew Larkins	AL	Sygensys	Workgroup Member
Andy Vaudin	AV	EDF	Workgroup Member
Bieshoy Awad	BA	NGESO	NGESO rep
Frank Martin	FM	Siemens	Workgroup Member
Fraser Norris	FN	SSE	Workgroup Member
Garth Graham	GG	SSE	Workgroup Member

Priyanka Mohapatra	PM	Scottish Power	Workgroup Member
Martin Aten	MA	Uniper	Workgroup Member
Tim Ellingham	TE	RWE	Workgroup Member
Sridhar Sahukari	SS	Orsted	Workgroup Member
Fiona Williams	FW	NGESO	NGESO rep & Observer
Julie Richmond	JR	Scottish Power	Observer
Mike Kay	MK	Independent	Observer

For further information, please contact Banke John-Okwesa.