

Code Administrator Meeting Summary

Meeting name: GC0103: The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes – Workgroup Meeting 1

Date: 26/06/2023

Contact Details

Chair: Elana Byrne, National Grid ESO elana.byrne@nationalgrideso.com

Proposer: Garth Graham, SSE Generation garth.graham@sse.com

Key areas of discussion

The aim of Workgroup 1 was to agree the timeline and terms of reference for the modification, and to discuss the solution.

Introduction and Code Modification Process Overview

The chair gave an overview of the agenda and introduced the workgroup members, then briefly explained the code modification process and the expectations of Workgroup members. The chair outlined the timeline and Terms of Reference, and explained these would be revisited following the Proposer's presentation for Workgroup approval.

Proposer Presentation

The proposer delivered a presentation outlining the current situation with three sets of Relevant Electrical Standards (RES) for the different Transmission Owners (TOs). The proposer raised that there is potential for the introduction of Competitively Appointed Transmission Owners to increase the number of RES documents in future, and proposed that there should be one Applicable Electrical Standard (AES) for all new parties connecting to the Grid. The proposer stressed that this modification should be prospective rather than retrospective, however considered that if existing assets made significant changes, they would then need to comply with the AES. One Workgroup member raised a concern that there was no guidance on what constitutes a material change to an asset, and the proposer agreed to clarify this. The proposer then specified that the Scottish Power RES is based on the international standard, and that this RES would be the one he is looking to have implemented as the AES.

One Workgroup member raised that it would be important to map similarities and differences within the existing RES documents, and other Workgroup members later expressed that the modification timeline may need to be extended to allow technical discussions to take place, with some members raising a concern about how a new standard would work, especially with

legacy equipment on the Grid. Previous work had been undertaken as part of the initial Workgroup to look at the different standards, which will be shared with the Workgroup.

Some Workgroup members queried the benefit of the modification, and the proposer clarified that the purpose of the modification was to ensure consistency throughout GB, and explained that this would result in lowered costs for suppliers and consumers. A Workgroup member suggested limiting the scope of the modification to only cover electrical capability, however the proposer stated that this would not solve the issue of having multiple different standards dependent on location. Another Workgroup member highlighted that there is not Workgroup representation from all TOs; this will be considered by Code Admin prior to the next Workgroup.

Some Workgroup members raised a question around governance changes to the new standards, and it was clarified that the AES would sit as part of the Grid Code, and be governed with the existing Grid Code governance structure.

After several queries regarding the standard to be adopted, the proposer clarified that they were working towards having one AES with the suggestion of using the Scottish Power RES, however they would be open to having Workgroup Alternatives raised by the Workgroup to propose a different AES. It was also discussed that a technical sub-group may be required in future to ensure all technical changes can be considered.

Timeline and Terms of Reference

The chair outlined the timeline and Terms of Reference. The Terms of Reference were agreed by the Workgroup, however some Workgroup members expressed concern that the timeline may need to be extended to allow for technical mapping of existing RES documents to an AES.

AOB

It was queried by one Workgroup member whether someone from the previous Workgroup could summarise conversations covered. The chair took an action to share the detailed information from historic discussions, and will catch up with a member from the previous Workgroup to determine next steps.

Future Workgroup considerations

- Clarity on the scope and details of the solution documented for the Workgroup to reference (including expected outputs of the modification)
- The scope of the RES/AES to help with any mapping exercises
- How AES will interface with old kit (to limit costs on generators)
- Addressing CC.6.2

Next Steps

The chair summarised the next steps as follows:

- Summary of this meeting to be sent to the Workgroup
- Workgroup 2 on 19th July to refine the solution
- Document from historic discussions to be circulated to the Workgroup

Actions

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
1	WG1	LT	Send out invites for future Workgroups	NA	WG2	Closed
2	WG1	GG	Clarify what constitutes a material change, that would cause existing users to transfer from the RES to the AES	NA	WG2	Open
3	WG1	MK	Provide documentation from previous GC0103 discussions	NA	WG2	Closed
4	WG1	EB	Identify whether additional TO representation is required	NA	WG2	Open
5	WG1	EB	Catch up with MW on previous GC0103 work done	NA	WG2	Open
6	WG1	FK	Explore options for a generator/TO sub-group to support WG on technicalities	Consult with Proposer	TBC	Open

Attendees

Name	Initial	Company	Role
Elana Byrne	EB	Code Administrator, ESO	Chair
Lizzie Timmins	LT	Code Administrator, ESO	Technical Secretary
Garth Graham	GG	SSE Generation	Proposer
Bill D’Albertanson	BD	UK Power Networks	Alternate
David Monkhouse	DM	National Grid Ventures	Workgroup Member
Frank Kasibante	FK	National Grid ESO	ESO Representative
Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Hooman Andami	HA	Elmya	Workgroup Member
Isaac Gutierrez	IG	Scottish Power	Workgroup Member
Leo Michelmore	LM	Eleclink	Workgroup Member
Martin Carpenter	MC	National Grid Electricity Transmission	Alternate

Mike Kay	MK	Electricity North West	Workgroup Member
Nicola Barberis Negra	NBN	Orsted	Workgroup Member
Peter Woodcock	PW	RWE	Alternate
Vera Stam	VS	BritNed	Workgroup Member