

Public

Code Administrator Meeting Summary

Meeting name: GC0168 Submission of Electro Magnetic Transient (EMT) Models (Workgroup 1)

Date: 23/09/2024

Contact Details

Chair: Sarah Williams (ESO)
sarah.williams@nationalgrideso.com

Proposer: Frank Kasibante (ESO)
frank.kasibante1@nationalgrideso.com

Key areas of discussion

The Chair welcomed members to the first Workgroup session, talked through the modification process and responsibilities of members.

Members were advised that the timeline would be presented to the October Grid Code Panel for approval, invites for the remaining Workgroups would then be shared.

Proposers Solution

The Proposer shared the solution and legal text for GC0168 and advised members that the areas being considered were:

1. PCA6.1.3 and PCA6.1.4
2. PCA9.2.2 and PCA9.7.3
3. PCA6.1.4
4. Model Collection Process
5. Cost of Model development and Cost Recovery

After details discussions the following actions were taken:

Action 1 – Section PCA9.2.2 rewording needed on legal text SB to share thoughts on what the rewording could look like.

Action 2 - A member raised a point in relation to PCA9.2.2 where the EMT model data is not available, could an assumption be made on the data for validation purposes? The Proposer agreed to take this way for internal discussion and update members at the next meeting.

Action 3 – PCA5.4.2 section G this requires amending as does PCA5.3.2 section C if the September deadline is no longer relevant.

Action 4 - PCA9.2.2 offline discussion to be had between TJ and IG on this section to check amending the element from a generators point of view before transfer by clarifying the ask and ensure it is correct.

Action 5 - PCA9.7.3 internal discussion to be had around the 3-month timeline and whether it is applicable her or not.

Action 6 – Proposer to share the full list of Technology Types that will be required to provide EMR models, as previous list had missing items.

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Model collection process

The proposed model collection process was shared by the Proposer, members raised concerns around the 3-month timescale adding 6 months would be more achievable.

The Proposer noted the Grid Code Panel had advised GC0168 Workgroup members to discuss and consider if a cost recovery mechanism was needed during their Workgroups.

A member advised there should be a cost recovery mechanism, other members agreed to this.

The Proposer asked members their thoughts on how this could be achieved. A member advised this would be difficult to quantify as it would depend on the size of the unit and the wholesale price.

An ESO representative mentioned that cost recovery would apply to historical sites only and going forward would be less of an issue as new sites would not be able to claim.

The Proposer reiterated that all suggestions for the Workgroup would be appreciated.

Terms of Reference

An additional Term of Reference was suggested by an ESO representative, members agreed with the inclusion. The Terms of Reference are to be issued to the Grid Code Panel in October for approval.

Any Other Business

A member suggested re-submitting slides in relation to GC0168 to the Grid Code Development Forum (GCDF) which might encourage further Workgroup members affected by this modification to contribute their thoughts. The proposer noted that he had already been to GCDF but would continue to reach out to impacted stakeholders using other forums.

Next Steps

Terms of reference to be updated and presented at the next Grid Code Panel (October).

The revised timeline will also be presented to the October Grid Code Panel for approval.

Actions

For the full action log, click [here](#).

ID	Description	Owner	Due	Status	Date
1	Section PCA922 rewording needed on legal text SB to share thoughts on what the rewording could look like	FK and SB	28/10/2024	Open	23/09/2024
2	PCA922 – model data not available. Assumptions being made. The proposer agreed to take this point away and discuss internally.	Proposer	28/10/2024	Open	23/09/2024
3	PCA542 section G and PCA532 section C to be amended if September deadline is no longer relevant. Proposer to consider	Proposer	28/10/2024	Open	23/10/2024
4	Offline discussion between TJ and IG in relation to section PCA922 offline assets.	Proposer	28/10/2024	Open	23/10/2024
5	Internal discussion to be had around the 3-month timeline (PCA973) and if it is applicable or not.	Proposer	28/10/2024	Open	23/10/2024

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6	Proposer to share full list of technology types that will be required to provide EMR models (previous list was incomplete).	Proposer	28/10/2024	Open	23/10/2024
7	Additional TOR to be added and presented at October Grid Code Panel for approval	Chair	28/10/2024	Open	23/10/2024

Attendees

Name	Initial	Company	Role
Sarah Williams	SW	NESO Code Governance	Chair
Deborah Spencer	DS	NESO Code Governance	Technical Secretary
Frank Kasibante	FK	NESO	Proposer
Dr Isaac Gutierrez	IG	Scottish Power Renewables	Workgroup Member
Hooman Andami	HA	Elmay Energy	Workgroup Member
David Monkhouse	DM	National Grid Ventures	Workgroup Member
Martin Aten	MA	Uniper	Workgroup Member
Ross Strachan	RS	EDF Renewables	Workgroup Member
Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Aneesh Rajeev	AR	SSEN Transmission	Workgroup Member
Ranjan Sharma	RS	Siemens Gamesa Renewables	Workgroup Member
David Halford	DH	NESO	Observer
Antony Johnson	AJ	NESO	Observer
Shangen Tian	ST	SSE	Observer
Cahir O Neil	CON	ESB GT	Observer
Didier Velez	DV	Lightsource pb	Observer
Dr Sigrid Bolik	DV	Power System Siemens plc	Observer
Arsalan Zaidi	AZ	Ofgem	Authority Representative