

Public

# Code Administrator Meeting Summary

## GC0168 Submission of Electro Magnetic Transient (EMT) Models (Workgroup 3)

**Date:** 11/11/2024

### Contact Details

**Chair:** Sarah Williams (NESO) [sarah.williams@nationalenergyso.com](mailto:sarah.williams@nationalenergyso.com)

**Proposer :** Frank Kasibante (NESO) [frank.kasibante1@nationalenergyso.com](mailto:frank.kasibante1@nationalenergyso.com)

## Key areas of discussion

### Legal Text Review

After Workgroup 2 the Proposer shared an updated version of the legal text for members review and comments. These updates were discussed, and the legal text amended accordingly.

### PCA 5.2. b

It was agreed that the paragraph would be split for clarity and amendments suggested by a member added. It was also agreed to remove the words “Generators” and “Shall” to ensure the grammar followed logically from the previous paragraph. **Action 15**

### PCA 9.2.2

It was agreed by the Workgroup that the changes made had improved the wording. Regarding the Guidance Notes as an Annex a NESO representative advised that this would be added in the general conditions section.

There was some further discussion on when the guidance notes would be available, a NESO representative advised it would be sensible for them to be shared at the time of the Code Administrator Consultation and members agreed.

### PCA 9.7.6

In this section a member highlighted that “modifying” should be amended to “Modification” the Proposer agreed to make this change. **Action 16**

### Action Review

The Chair shared actions 9 to 14 and the Proposer advised members of updates made for each one. It was agreed that they could be closed as completed.

### Workgroup Consultation Discussion

The Chair shared the Draft Workgroup Consultation with members and advised it was a draft version and that there was further work needed before it was complete. Members were asked if they had any specific questions that should be added to the Consultation. The following were highlighted by members:

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1. Do you believe it is reasonable to require those Users identified in the draft legal text in PC.A.9.2.2 to provide an EMT model when requested by the NESO noting the importance of accurate modelling on power system design, operation and post event analysis.
2. Do you believe the timelines proposed for the submission of an EMT model as drafted in PC.A.9.2.2.1 are appropriate.
3. Do you believe that it is appropriate to set out the remuneration and cost recovery provision of the models in the CUSC.
4. Do you believe it is appropriate to define detail of the model submission in an Electrical Standard rather than in a specific part of the Grid Code or as a separate guidance note. If you do not believe this to be the case, please state why you would support an alternative approach.
5. It is expected that an EMT model would be submitted in PSCAD V5. This would be included as part of the proposed Relevant Electrical Standard referred to in question 10 above. Do you have any views on this approach and if so, please state what they are.

The Proposer highlighted that one of the Terms of Reference, (TOR e) asked the Workgroup to consider a cost recovery mechanism to receive the model data required to share with a CUSC Workgroup and Panel members were expecting GC0168 to discuss options. This had previously been touched on in Workgroup 1, but further discussion is needed.

## Timeline

The Chair advised members that the next Workgroup would be Tuesday 17 December, and the Workgroup Consultation would revert to the original date of 06 January 2024, the time will be updated and shared.

## Next Steps

- Workgroup Consultation and Legal text to be updated and shared with Workgroup members.

## Actions

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

ID	Description	Owner	Due	Status	Date
9	PC.A.9.2.2. Questions raised by WG members regarding the wording “true and accurate”, NESO are to take this away and consider revising the words.	Proposer	11/11/2024	Closed	28/10/2024
10	Proposer to discuss internally whether adding further guidance notes as an annex will be a consideration.	Proposer	11/11/2024	Closed	28/10/2024
11	Consider adding OTSDUW to the table to be considered internally by NESO.	Proposer	11/11/2024	Closed	28/10/2024

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12	Add “data to be provided by the Network” in Baskets for LEEMPS.	Proposer	11/11/2024	Closed	28/10/2024
13	PC.A.9.7.3 To be reworded for clarity	Proposer	11/11/2024	Closed	28/10/2024
14	PC.A.9.7.4 timeline to be added	Proposer	11/11/2024	Closed	28/10/2024
15	PCA 5.2. b paragraph to be split and the words “Generator” and “Shall” to be removed .	Proposer	17/12/2024	Open	11/11/2024
16	PCA 9.7.6 “modifying” should be amended to “Modification” the Proposer agreed to make this change	Proposer	17/12/2024	Open	11/11/2024

## 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
Srinivas Edla	SE	SSEN Transmission	Workgroup Member
Ross Strachan	RS	EDF Renewables	Workgroup Member
Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Akshay Prajapati	AP	Orsted Power UK	Workgroup Member
Ranjan Sharma	RS	Siemens Gamesa Renewables	Workgroup Member
Ben Marshall	BM	SSE	Observer
Gopi Yericherla	GY	NESO	Alternate
Shivraman Mudaliyar	SM	NESO	Observer
Jay Ramachandran	JR	NESO	Alternate
Antony Johnson	AJ	NESO	Observer

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Shangen Tian	ST	SSE	Observer
Mike Kay	MK	P2 Analysis	Observer
Maryam Begum	MB	Cummins Inc	Observer
Arsalan Zaidi	AZ	Ofgem	Authority Representative