

Public

# Code Administrator Meeting

## Summary

### Workgroup Meeting 4: CM097: Electromagnetic Transient (EMT) and Root Mean Square (RMS) Model Submission for Transmission Owners (TOs)

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**Date: 15 May 2025**

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#### Contact Details

Chair: Matthew Larreta, [Matthew.Larreta@neso.energy](mailto:Matthew.Larreta@neso.energy)

Proposer: Frank Kasibante, [Frank.Kasibante@neso.energy](mailto:Frank.Kasibante@neso.energy)

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### Key areas of discussion

The aim of Workgroup 4 was to review the Workgroup Consultation responses.

### Actions review

#### Action 11 – Action to remain open

OFTOs don't currently have a cost-recovery mechanism. The Proposer provided an update that the process to engage with Ofgem regarding cost-recovery should be led by OFTOs. Workgroup members agreed that this should be reflected within the Workgroup Report.

#### Actions 15 and 16 – Actions closed

Workgroup members agreed to close these actions on the basis that the requested changes have been made in STCP Modification Proposal [PM0147 \(RMS and EMT Model Sharing Process \(STCP 12-2 Issue 01\)\)](#).

### Workgroup Consultation response discussion

#### Cost-recovery

Workgroup members noted that there was a consensus among respondents that a cost recovery mechanism should be in place, with concerns raised about the high costs and timescales for obtaining EMT models, particularly for existing plants.

Workgroup members highlighted the significant internal and external costs for OFTOs and suggested a cost-benefit analysis to ensure the provision of data is beneficial for the industry.

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### PSCAD Version 5

Workgroup members noted that respondents generally agreed with the approach of using PSCAD Version 5 or higher to submit models.

A Workgroup member raised the importance of open standards and interoperability, suggesting that relying on a single software provider may not be the best approach.

NESO SMEs emphasised the challenges of using multiple software versions, noting that it could complicate simulations and coordination. They supported standardising on PSCAD to avoid these issues.

It was agreed that both views will be reflected within the Workgroup Report.

### Discussion around a potential Alternative Request

Workgroup members discussed the merits of the points raised by one respondent who considered raising an Alternative Request (but had yet to provide one). The Chair took an action to invite the respondent to the next Workgroup meeting to discuss these points further.

## Terms of Reference

Workgroup members discussed the Terms of Reference, noting the progress made against each one during the Workgroup phase so far.

## Next Steps

The Chair noted the next steps for this modification, including the next Workgroup meetings and Workgroup Report.

## Actions

Action Number	Workgroup Raised	Owner	Action	Due by	Status
11	WG2	FK/AJ	Discussion offline with Ofgem and the NESO Legal team regarding cost recovery mechanisms for offshore transmission owners.	WG5	Open
15	WG3	FK	A Workgroup member raised a concern about the definition of EMT models in the legal text, suggesting it	WG5	Closed

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			might be too detailed and not aligned with existing guidance documents. The Proposer took a new action take the discussion offline and come up with a more accurate definition.		
16	WG3	FK	It was noted that references within the legal text need to be updated to reflect the correct terminology. This would involve replacing instances of "guidance notes" with "electrical standards" where applicable. The Proposer took an action to update these references.	WG5	Closed
17	WG4	Chair	Invite a Workgroup Consultation respondent to the next Workgroup meeting to discuss raising an Alternative Request.	WG5	New

## Attendees

Name	Initial	Company	Role
Matthew Larreta	ML	NESO Code Administration	Chair
Kat Higby	KH	NESO Code Administration	Tech Sec
Frank Kasibante	FK	NESO	Proposer
Annesh Rajeev	AR	SSEN	Workgroup member
Anthony Johnson	AJ	NESO	Alternate
Darshak Shah	DS	BP	Workgroup member
Dewu Shu	DS	GE Vernova	Workgroup member
Gopi Yericheria	GY	NESO	Alternate
Graeme Vincent	GV	SP Energy Networks	Workgroup member
Maria Ebue	ME	Volta UK Ltd	Observer
Yuan Chen	YC	NESO	Workgroup Member
Srinivas Elda	SE	SSEN	Workgroup member