

Public

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

Workgroup 6, 17 July 2025  
Online Meeting via Teams

# WELCOME

# Agenda

Topics to be discussed	Lead
Welcome	Chair
STC Workgroup quoracy and voting	Chair
Actions Review	All
Alternative Request discussion	All
Draft Workgroup Report	All
Timeline	Chair
AOB and Next Steps	Chair

## Expectations of a Workgroup Member

Contribute to the discussion

Be respectful of each others' opinions

Language and conduct to be consistent with the values of equality and diversity

Do not share commercially sensitive information

Be prepared – review papers and reports ahead of meetings

Complete actions in a timely manner

Keep to agreed scope

Email communications to/cc'ing the .box email

## Your Roles

Help refine/develop the solution(s)

Bring forward alternatives as early as possible

Vote on whether or not to proceed with requests for Alternatives

Vote on whether the solution(s) better facilitate the Code Objectives



# Workgroup Membership

Role	Name	Alternate	Company
Proposer	Frank Kasibante	Gopi Yericheria	NESO
Workgroup Member (STC Party)	Graeme Vincent	Agusti Egea Alvarez	SP Energy Networks
Workgroup Member (STC Party)	Joel Matthews		Diamond Transmission Corp
Workgroup Member (STC Party)	Le Fu	Bo Jiang	NGET
Workgroup Member (STC Party)	Mike Lee	Roger Carter	Transmission Investment
Workgroup Member	Bala Santhanam	David McMullin	Enercon GmbH
Workgroup Member	Darshak Shah		BP
Workgroup Member	Dewu Shu	Vicenc Casadevall	GE Vernova
Workgroup Member (STC Party status TBD)	Srinivas Edla	Annesh Rajeev	SSEN
Observer	Antony Johnson	Ife Garba	NESO
Observer	Maria Ebue		Volitalia UK Ltd
Observer	Yuan Chen		NESO
Authority Representative	Asalan Zaidi		Ofgem

# STC Workgroup quoracy and voting

**Matthew Larreta**

NESO Code Administrator

# STC Workgroup quoracy

Role	Name	Alternate	Company
Proposer	Frank Kasibante	Gopi Yericheria	NESO
Workgroup Member (STC Party)	Graeme Vincent	Agusti Egea Alvarez	SP Energy Networks
Workgroup Member (STC Party)	Joel Matthews		Diamond Transmission Corp
Workgroup Member (STC Party)	Le Fu	Bo Jiang	NGET
Workgroup Member (STC Party)	Mike Lee	Roger Carter	Transmission Investment
Workgroup Member	Bala Santhanam	David McMullin	Enercon GmbH
Workgroup Member	Darshak Shah		BP
Workgroup Member	Dewu Shu	Vicenc Casadevall	GE Vernova
Workgroup Member	Srinivas Edla	Annesh Rajeev	SSEN

Workgroup quoracy will be reached when **a NESO representative** and **at least two Workgroup members representing an STC Party** are in attendance.

STC Party status TBD

# STC Workgroup voting

11. The Chairperson of the Workgroup and the Modifications Panel Chairperson must agree a number that will be quorum for each Workgroup meeting. The agreed figure

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## ESO

Terms of Reference CM097

for this modification is that at least 3 Workgroup members must participate in a meeting for quorum to be met.

12. A vote is to take place by all eligible Workgroup members on the Modification Proposal and each alternative. The vote shall be decided by simple majority of those present at the meeting at which the vote takes place (whether in person or by teleconference). The Workgroup chairperson shall not have a vote, casting or otherwise]. There may be up to three rounds of voting, as follows:

- Vote 1: whether each proposal better facilitates the Applicable STC Objectives;
- Vote 2: where one or more alternatives exist, whether each alternative better facilitates the Applicable STC Objectives than the original Modification Proposal;
- Vote 3: which option is considered to BEST facilitate achievement of the Applicable STC Objectives. For the avoidance of doubt, this vote should include the existing STC baseline as an option.

The results from the vote and the reasons for such voting shall be recorded in the Workgroup report in as much detail as practicable.

13. It is expected that Workgroup members would only abstain from voting under limited circumstances, for example where a member feels that a proposal has been insufficiently developed. Where a member has such concerns, they should raise these with the Workgroup chairperson at the earliest possible opportunity and certainly before the Workgroup vote takes place. Where abstention occurs, the reason should be recorded in the Workgroup report.

14. Workgroup members or their appointed alternate are required to attend a minimum of 50% of the Workgroup meetings to be eligible to participate in the Workgroup vote.

Rules on eligibility for the **Workgroup Vote** are found in the **Terms of Reference (ToR)**, as agreed by the STC Panel and discussed by Workgroup members during Workgroup 1.

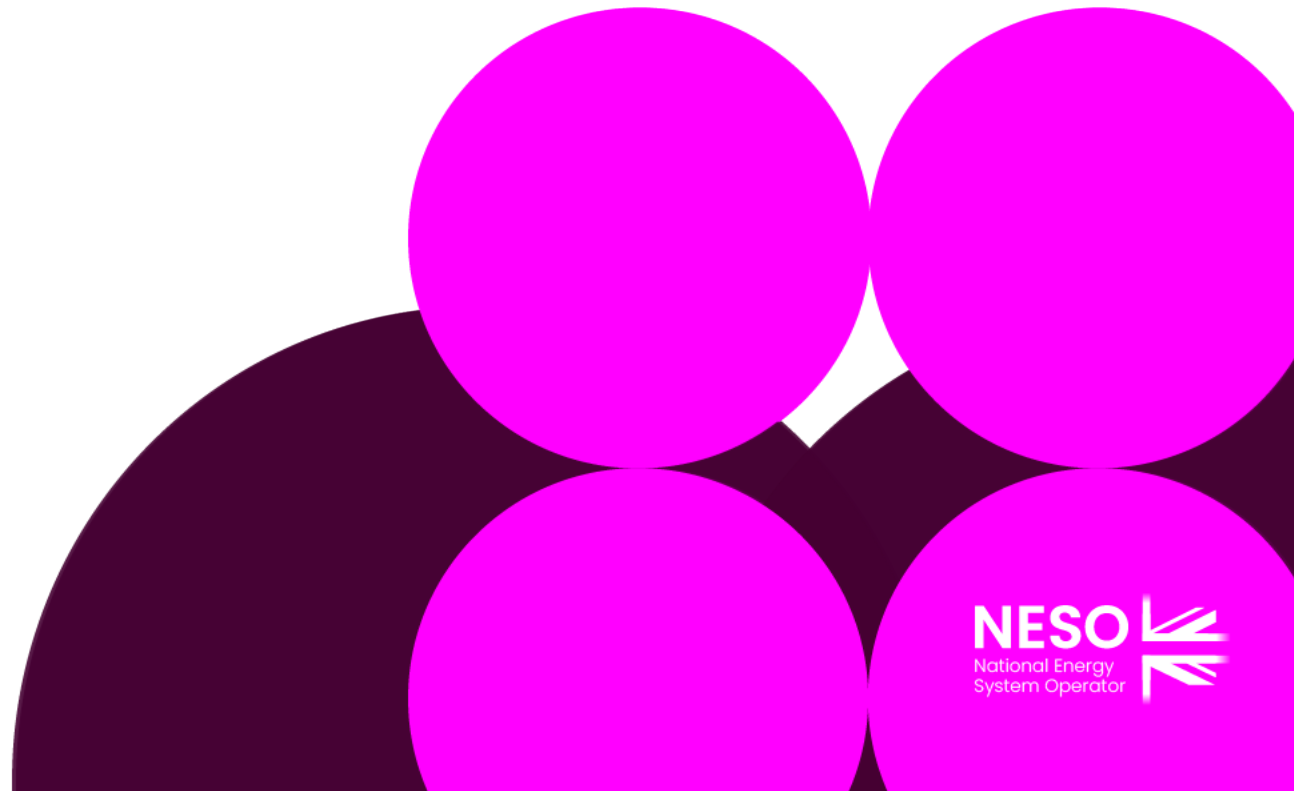
All Workgroup members (STC and non-STC Party) are eligible to vote, provided they meet the **minimum 50% attendance record at the time of the Workgroup Vote**.



# Actions Review

**Matthew Larreta**

NESO Code Administrator



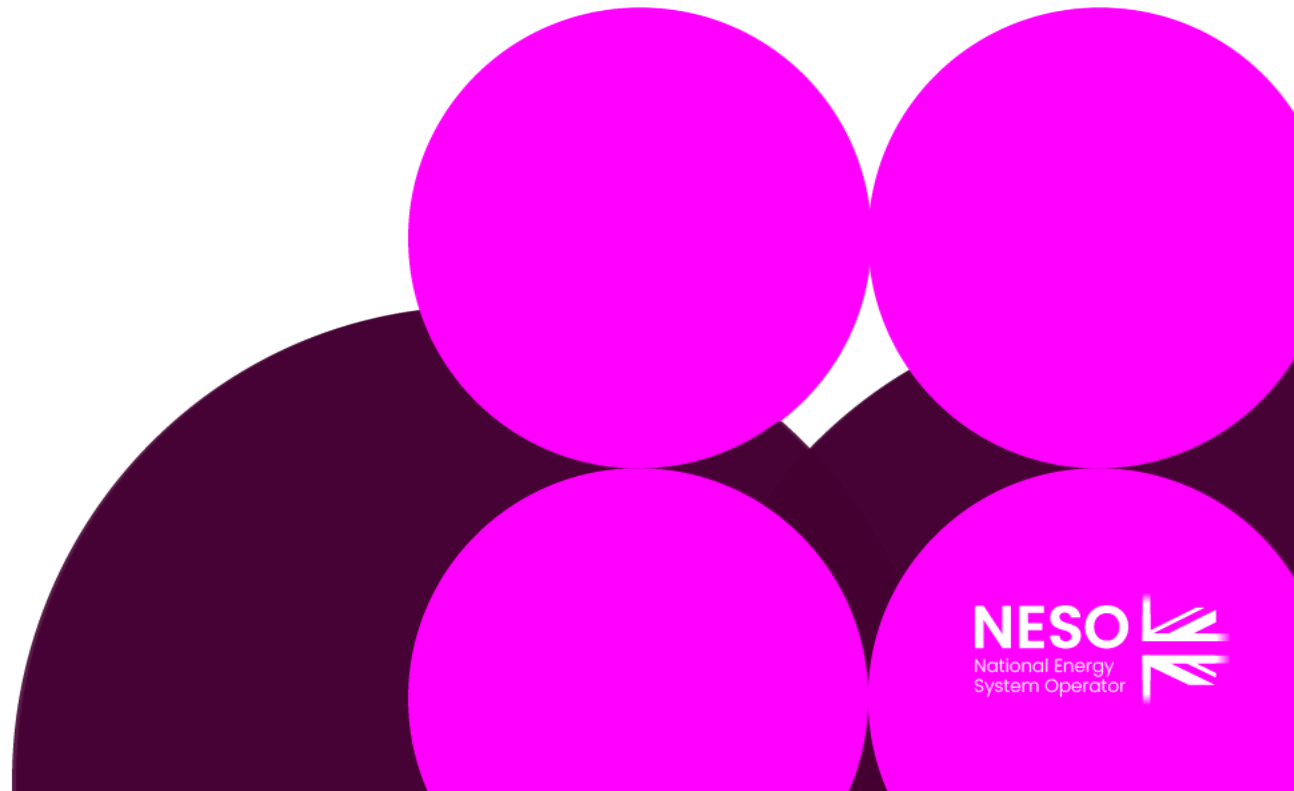
# Actions Log

Action Number	Owner	Action	Update	Status
11	FK/ML/ AJ	Meet with Ofgem to discuss cost recovery issues and provide an update at Workgroup 6.	Update to be provided during Workgroup 6.	Open
18	Chair	Share link to STC citing minimum attendance requirements for Workgroup Vote.	Rules for the Workgroup Vote are contained in the Terms of Reference (ToR). ToR shared for info.	Propose to close
19	Chair	Confirm SSEN's STC Party status and if required, update the quoracy requirements for the Workgroup.	SSEN's nomination lists them as a 'Network Operator'. Requested confirmation from SSEN that they are representing Transmission side of business. STC Party status to be updated pending reply.	Open
20	FK/AJ	Consider how to incorporate the EMT Guidance Note into STCP 12-2 and if/how this impacts CM097.	Propose to add it as an appendix to STCP 12-2 and subject it to the STCP governance arrangements.	Propose to close

# Alternative Request discussion

**Matthew Larreta**

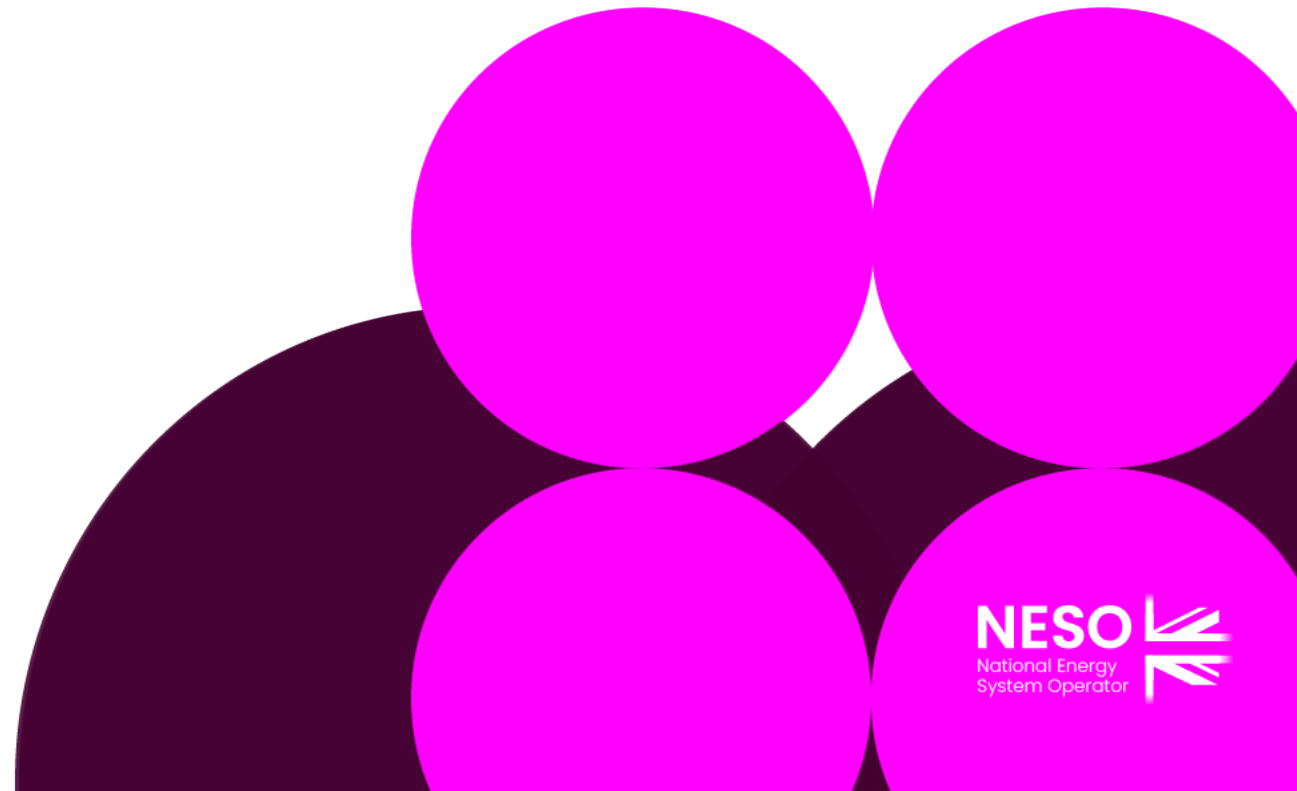
NESO Code Administrator



# Draft Workgroup Report

**Matthew Larreta**

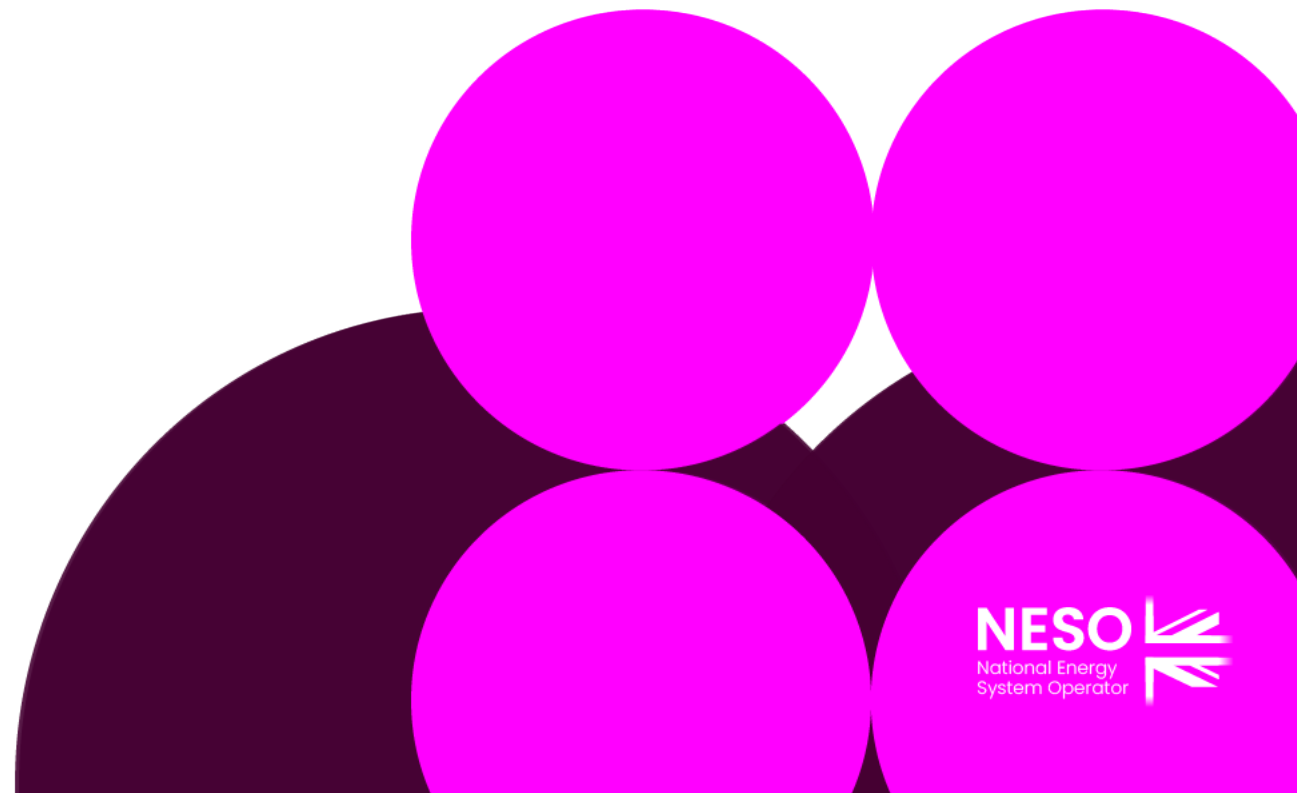
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# Timeline

**Matthew Larreta**

NESO Code Administrator



# Timeline for CM097 as of 05 June 2025

Milestone	Date
Modification presented to Panel	29 May 2024
Workgroup Nominations (15 business Days) Second Workgroup Nominations	03 – 24 June 2024 14 October – 6 November 2024
<b>Workgroup 1</b> <i>Review Proposer’s solution, timeline and Terms of Reference</i> <b>Workgroup 2</b> <i>Review legal text and any actions from previous Workgroup</i> <b>Workgroup 3</b> <i>Confirm legal text complete. Review Draft Workgroup Consultation discuss specific questions and issue to industry</i>	16 December 2024  21 January 2025  18 March 2025
Workgroup Consultation (15 business days)	28 March – 25 April 2025
<b>Workgroup 4</b> <i>Review Workgroup Consultation responses, check ToR progress</i> <b>Workgroup 5</b> <i>Review STC quoracy requirements, discuss Alternative Request, review draft Workgroup Report</i> <b>Workgroup 6</b> <i>Review STC quoracy and voting requirements, discuss Alternative Request, review draft Workgroup Report</i>  <b>Workgroup 7</b> <i>TBC</i> <b>Workgroup 8</b> <i>TBC</i>	15 May 2025  20 June 2025  17 July 2025   TBC  TBC
Workgroup report issued to Panel (5 business days)	20 August 2025
Panel sign off that Workgroup Report has met its ToR	27 August 2025

Milestone	Date
Code Administrator Consultation (15 business days)	01 September 2025 – 22 September 2025
Draft Final Modification Report (DFMR) issued to Panel (5 business days)	22 October 2025
Panel undertake DFMR recommendation vote	29 October 2025
Final Modification Report issued to Panel to check votes recorded	30 October 2025 – 05 November 2025
Final Modification Report issued to Ofgem	07 November 2025
Ofgem decision	TBC
Implementation Date	TBC



# AOB and Next Steps

**Matthew Larreta**

NESO Code Administrator

