

Public

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

Workgroup 8, Wednesday 08 April 10–1pm

Online Meeting via Teams

WELCOME

Agenda

Topics to be discussed	Lead
Workgroup Expectations and Confirm Membership Details	Chair
Timeline	Chair
STCP 12-2 /Appendix B Update	Proposer
Complete Workgroup Report	All
Agree Legal Text	All
Agree Terms of Reference Met	All
Workgroup Vote	All
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

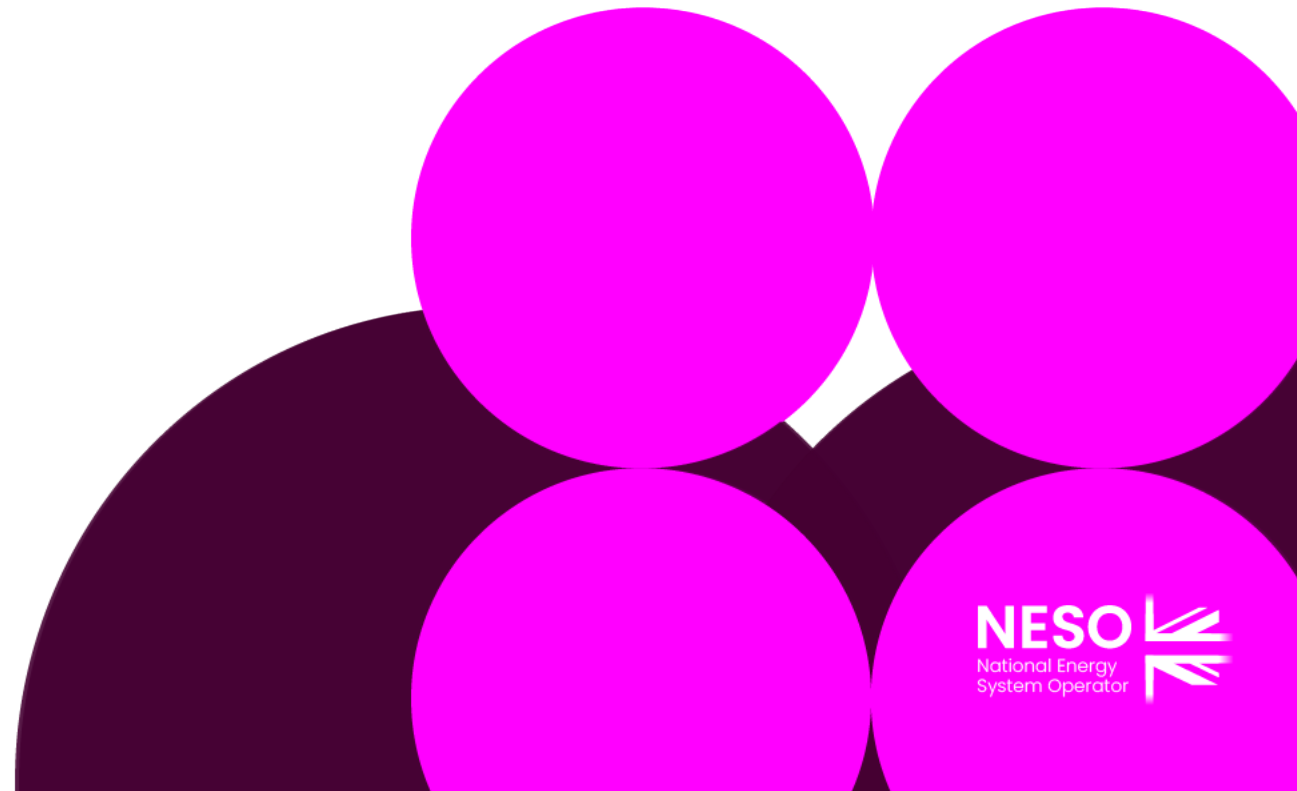
Workgroup Membership

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 (STC Party)	Srinivas Edla	Annesh Rajeev	SSEN
Workgroup Member	Bala Santhanam	David McMullin	Enercon GmbH
Workgroup Member	Darshak Shah		BP
Workgroup Member	Dewu Shu	Vicenc Casadevall	GE Vernova
Observer	Antony Johnson	Ife Garba	NESO
Observer	Maria Ebue		Volitalia UK Ltd
Observer	Yuan Chen		NESO
Authority Representative	Asalan Zaidi		Ofgem

Timeline

Claire Goult

NESO Code Administrator



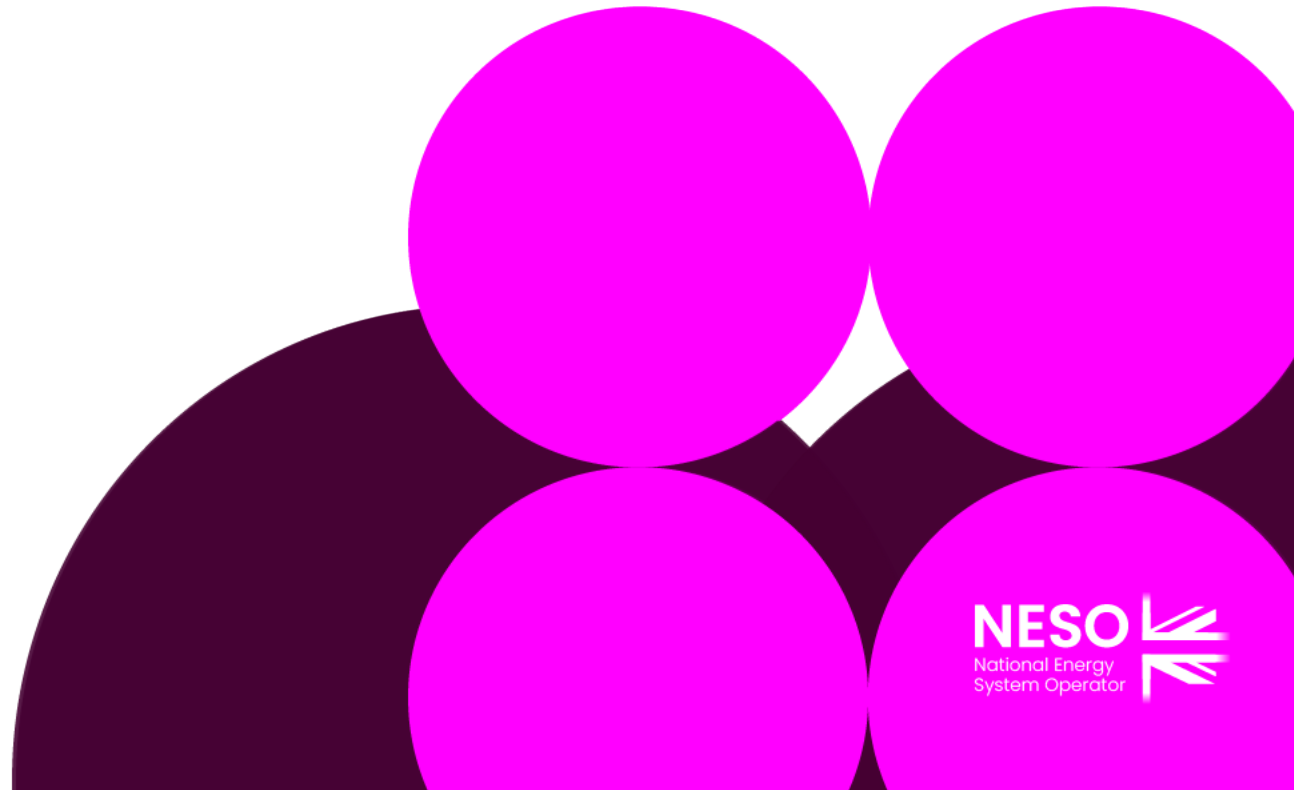
CM097 Electromagnetic Transient (EMT) and Root Mean Square (RMS) Model Submission for Transmission Owners (TOs) Timeline Update

	Workgroup Report issued to Panel	DFMR issued to Panel	FMR issued to Ofgem	Decision Date	Implementation Date
Previous timeline	20 August 2025	22 October 2025	07 November 2025	TBC	TBC
New timeline	15 April 2026	16 June 2026	16 July 2026	TBC	TBC

To align with GC0168 timeline

STCP12-2/Appendix B Update

Proposer



Complete Workgroup Report

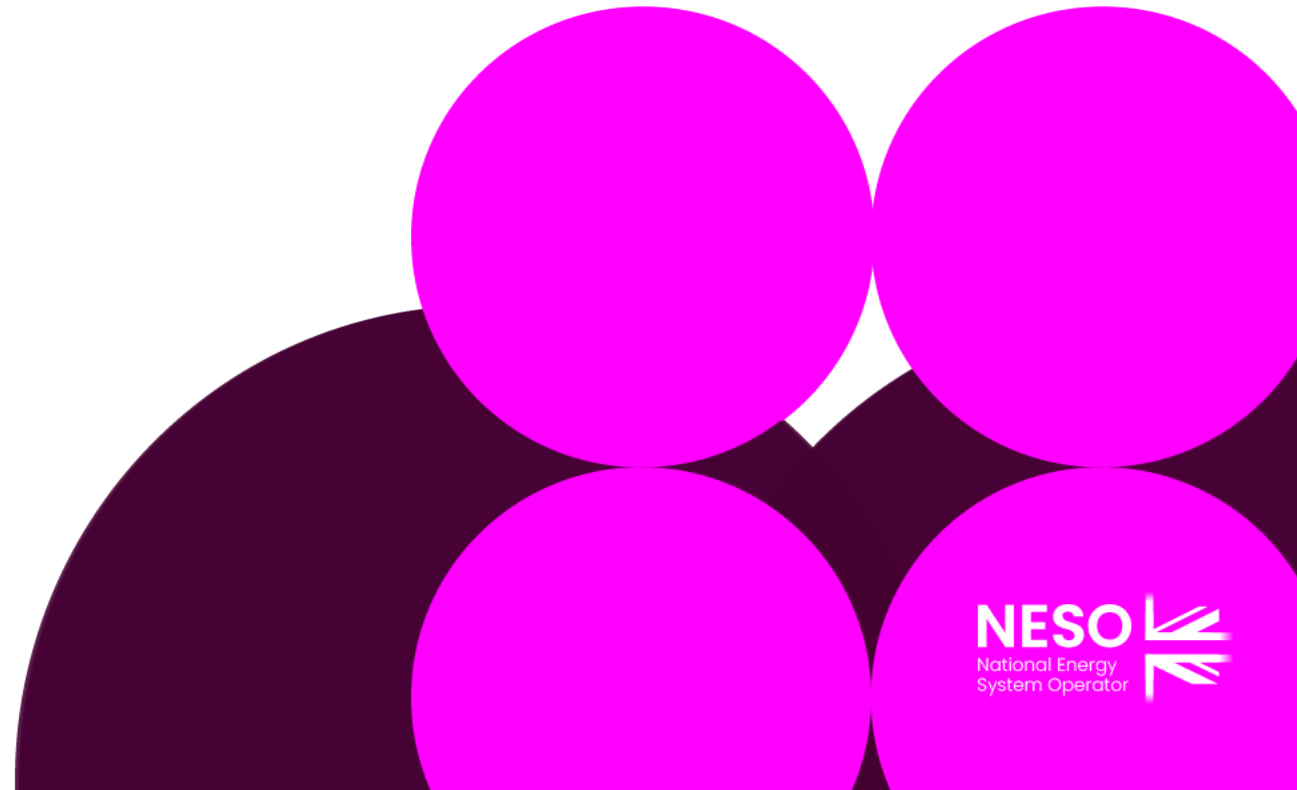
Claire Gault

NESO Code Administrator

Agree Legal Text

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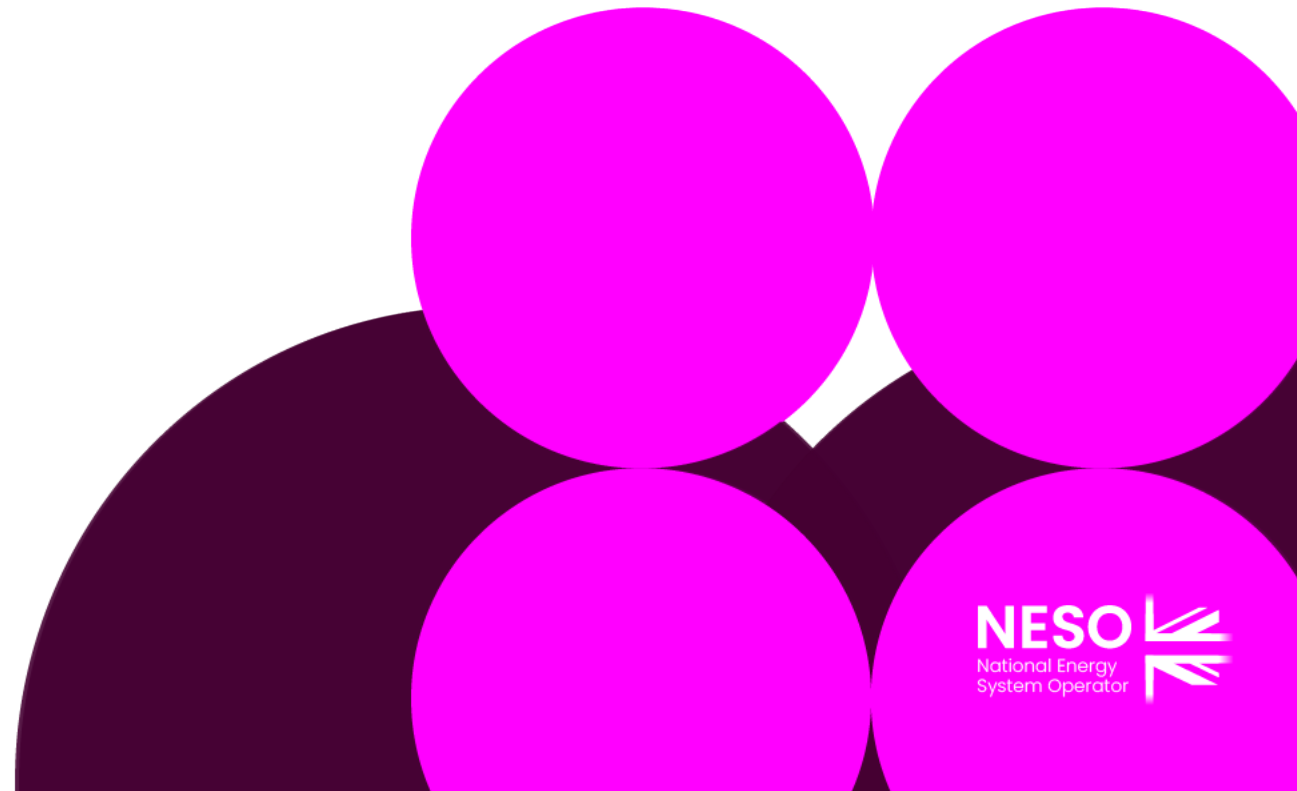
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Agree Terms of Reference Met

Claire Goult

NESO Code Administrator



Workgroup Term of Reference

Implementation

Review and support the legal text drafting;

Ensure the appropriate Industry experts or stakeholders are engaged in the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup

The cross Code impacts this Modification has, in particular the CUSC

Consider STCP 12-2 alongside CM097

Consider how to produce/gather models for existing assets

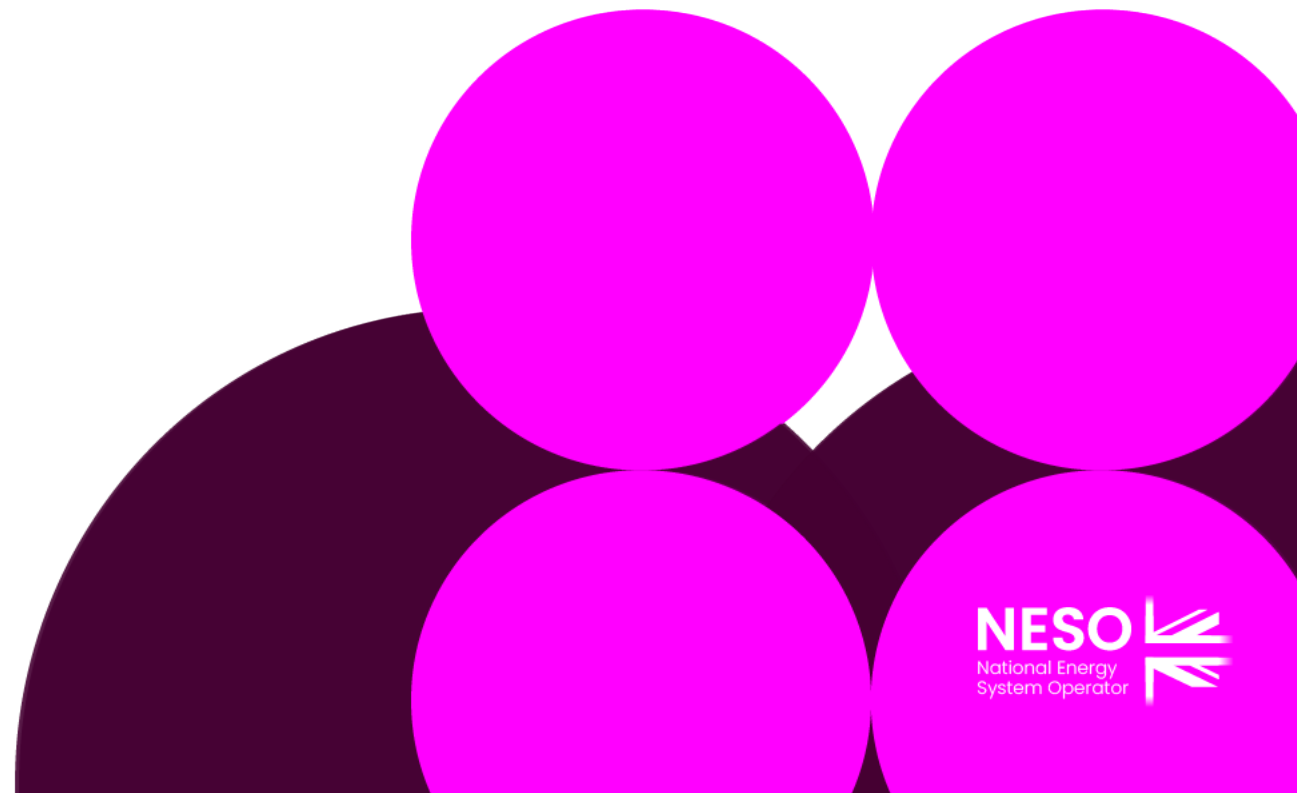
Assess the materiality of costs/resources needed for STC Parties to comply with additional requirements brought forward by the proposer's solution.

Compliance with the Electricity Regulation and any Relevant Legally Binding Decisions of the European Commission and/or the Agency.

Workgroup Vote

Claire Gault

NESO Code Administrator



Please note: To participate in any votes, Workgroup members need to have attended at least 50% of meetings.

Stage 1 – Alternative Vote

If Workgroup Alternative Requests have been made, vote on whether they should become Alternative STC Modifications.

Stage 2 – Workgroup Vote

2a) Assess the Original solution and Alternative STC Modifications (if there are any) against the STC objectives compared to the baseline (the current STC).

2b) If Alternative STC Modifications exist, vote on whether each Alternative STC Modification better facilitates the Applicable STC Objectives better than the Original Modification Proposal.

2c) Vote on which of the options is best.

Term	Meaning
Baseline	The current STC (if voting for the Baseline, you believe no modification should be made)
Original	The solution which was firstly proposed by the Proposer of the modification
Alternative STC Modification	An Alternative Solution which has been developed by the Workgroup

Stage 2a – Assessment against objectives

To assess the Original and Alternative STC Modifications against the STC objectives compared to the baseline (the current STC).

Workgroup Member	Better facilitates ASO (a)	Better facilitates ASO (b)	Better facilitates ASO (c)	Better facilitates ASO (d)	Better facilitates ASO (e)	Better facilitates ASO (f)	Better facilitates ASO (g)	Better facilitates ASO (h)	Overall (Y/N)
John Smith – Energy For You									
Original	Y	N	-	Y	N	N	-	Y	Y
Voting Statement: [Please include as much rationale as possible to support your assessment against the Applicable Objectives]									

For reference the Applicable STC Objectives are:

- a) efficient discharge of the obligations imposed upon Transmission Licensees by Transmission Licences and the Electricity Act 1989;
- b) efficient discharge of the obligations imposed upon the licensee by the Electricity System Operator licence, the Energy Act 2023 and Electricity Act 1989;
- c) development, maintenance, and operation of an efficient, economical, and coordinated system of electricity transmission;
- d) facilitating effective competition in the generation and supply of electricity, and (so far as consistent therewith) facilitating such competition in the distribution of electricity;
- e) protection of the security and quality of supply and safe operation of the National Electricity Transmission System insofar as it relates to interactions between Transmission Licensees and the licensee*;
- f) promotion of good industry practice and efficiency in the implementation and administration of the arrangements described in the STC;
- g) facilitation of access to the National Electricity Transmission System for generation not yet connected to the National Electricity Transmission System or Distribution System; and
- h) compliance with the Electricity Regulation and any Relevant Legally Binding Decisions of the European Commission and/or the Agency.

Stage 2b – Alternative STC Modification Vote (If required)

Where one or more Alternative STC Modifications exist, does each Alternative STC Modification better facilitate the Applicable STC Objectives than the Original Modification Proposal?

Stage 2c – Workgroup Vote

Which option is the best? (Baseline, Original Proposal, Alternative STC Modification)

Workgroup Member	Company	Industry Sector	BEST Option?	Which objective(s) does the change better facilitate? (if baseline not applicable)
John Smith	Energy For You	Manufacturer	Baseline	N/A
Bob Jones	Great Energy	Offshore Transmission Licensee	Original	a, b, d, f

AOB and Next Steps

Claire Goult

NESO Code Administrator