

# GC0168 Submission of Electro Magnetic Transient (EMT) Models

Workgroup 4 (Tuesday 17 December 2024)

Online Meeting via Teams

# WELCOME

## Public Expectations of a Workgroup Member

Contribute to the discussion

Be respectful of each other's 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

# Agenda

Topics to be discussed	Lead
Introductions	Chair
Action Updates	Chair
Legal Text Review	All
Draft Workgroup Consultation discussion	All
Terms of Reference Review	All
Timeline	All
Any Other Business	Chair
Next Steps	Chair

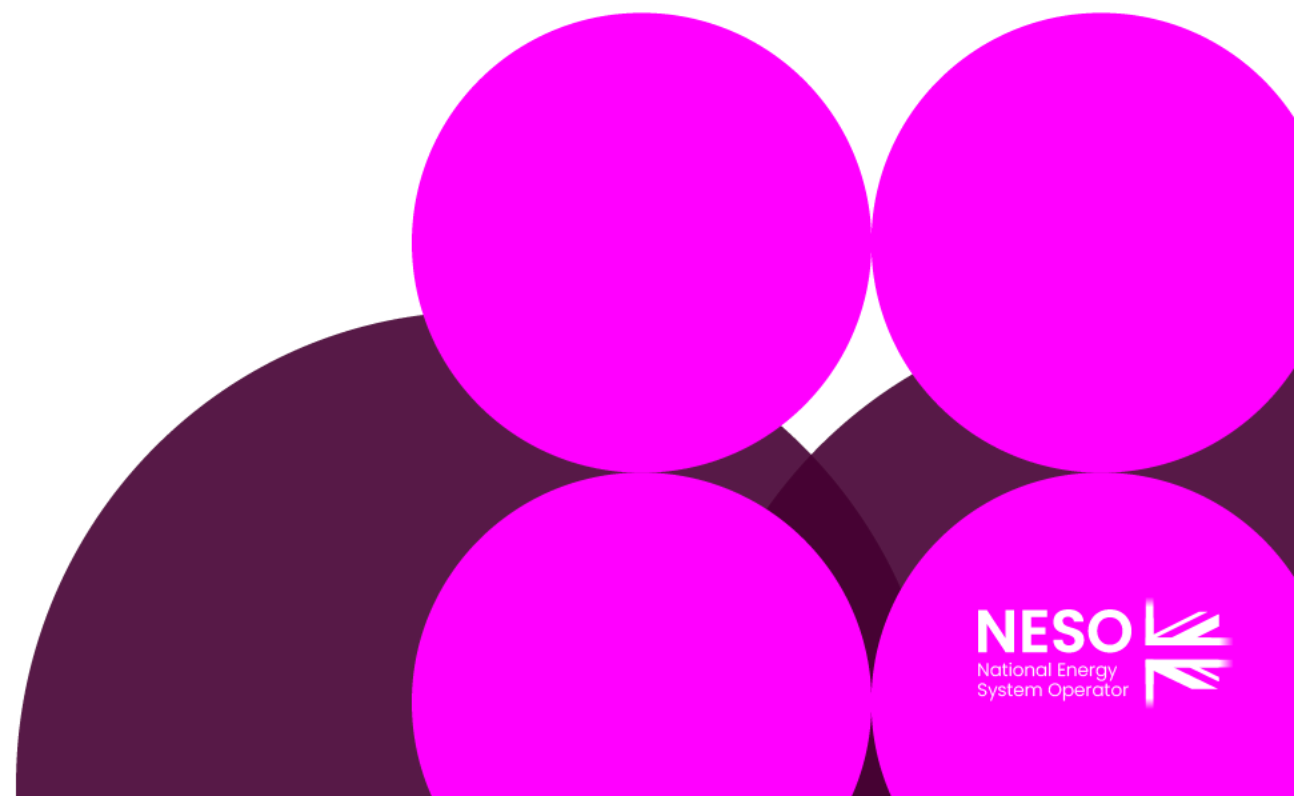
# Outstanding Actions

Sarah Williams – ESO Code Administrator

Action	Description	Owner	Due	Status
15	PCA 5.2. b paragraph to be split and the words “Generator” and “Shall” to be removed .	Proposer	17-12-2024	Open
16	PCA 9.7.6 “modifying” should be amended to “Modification” the Proposer agreed to make this change	Proposer	17-12-2024	Open

# Legal Text Review

All



# Workgroup Consultation Discussion

All

# Terms of Reference Review

## Workgroup Terms of Reference

a) Implementation and costs;

b) Review draft legal text;

c) Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup. Demonstrate what has been done to cover this clearly in the report; and

d) Consider EBR implications.

e) Consider a cost recovery mechanism to receive the model data required to share with a CUSC Workgroup

f) Consider the use/introduction into the Legal Text of generator classifications types C, D as opposed to Medium and Large.

g) Consider approach on collecting models and reference to published guidance/phased application of approach.

h) Consider codifying the list of Users who are required to submit EMT models.

i) Consider the scenario where a User is unable to provide an EMT model.

j) Consider whether there is a need for any consequential changes to the DCode and / or DCUSA.

k) Consider whether there is a need to obtain EMT models from medium power stations embedded in distribution networks and, if so, the mechanism for engaging with the host DNO and the Generator and the process to be followed in the event that the Generator is unable to provide the EMT models or would incur significant costs in doing so.

l) Consider if we are reflecting international practice including observation of the modelling developments proposed for RfG 2.0 and HVDC 2.0

# Timeline

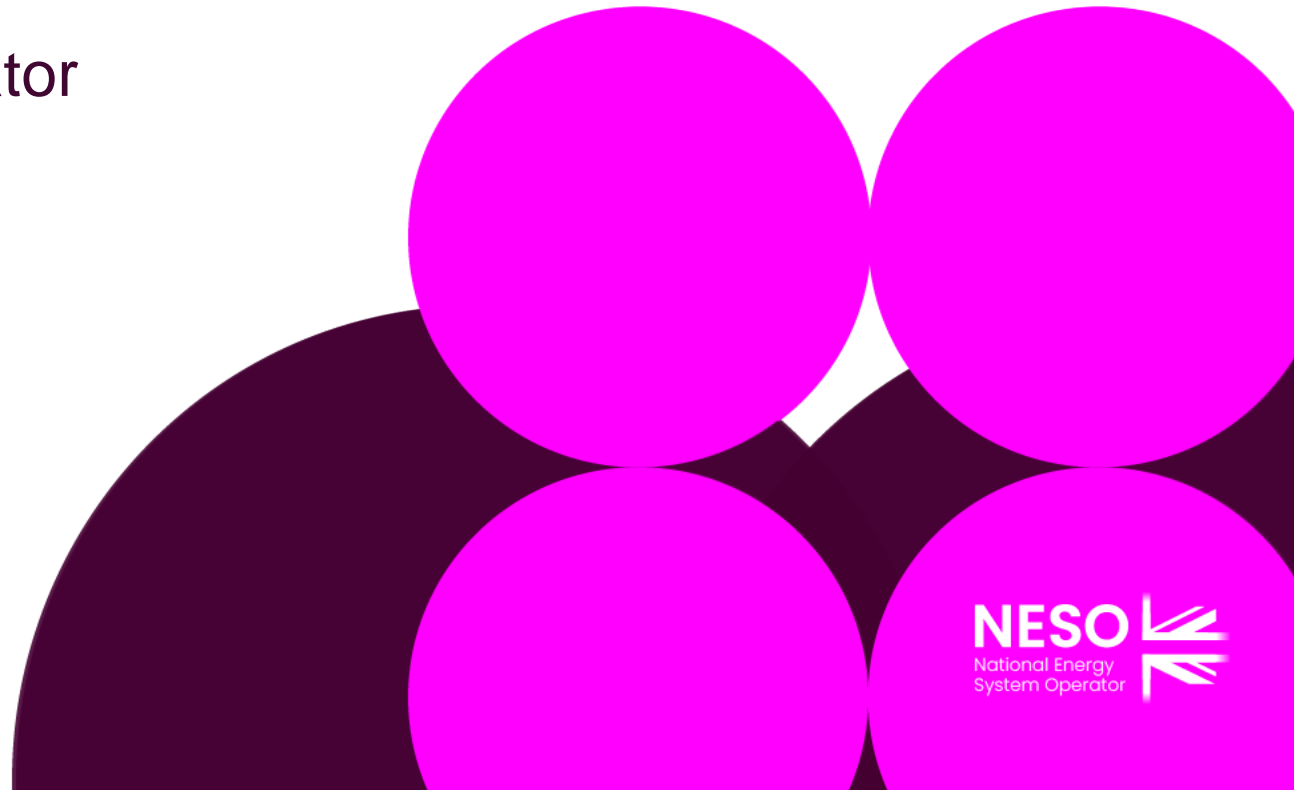
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# Draft Timeline for GC0168

Milestone	Date	Milestone	Date
Modification presented to Panel	21 March 2024	Code Administrator Consultation (1 calendar month)	04 June 2025 – 04 July 2025
Workgroup Nominations (15 Working Days) <i>NOTE: Workgroup Nomination have been extended 5 working days</i>	03 May 2024 to 28 May 2024	Draft Final Modification Report issued to Panel (5 working days)	16 July 2025
Workgroup 1 and 2 <i>Agree timeline, Terms of Reference, discuss solution and legal text</i>	23 September 2024 28 October 2024	Panel undertake DFMR Recommendation vote	24 July 2025
Workgroup 3 <i>Draft Workgroup Consultation/ Approve Workgroup Consultation</i>	11 November 2024		
Workgroup 4	17 December 2024		
Workgroup Consultation (1 Month)	06 January 2025 to 03 February 2025	Final Modification Report issued to Panel to check votes recorded correctly	29 July 2025 – 05 August 2025
Workgroup 4	17 February 2025	Final Modification Report issued to the Authority	07 August 2025
Workgroup 5 <i>TBC</i>	10 March 2025		
Workgroup 6 <i>TBC</i>	31 March 2025		
<i>Workgroup 7</i> <i>TBC</i>	21 April 2025		
Workgroup report issued to Panel (5 working days)	22 May 2025	Implementation Date	TBC
Panel sign off that Workgroup Report has met its Terms of Reference	29 May 2025		

# Any Other Business

Sarah Williams – ESO Code Administrator



# Next Steps

Sarah Williams – ESO Code Administrator

