Workgroup Consultation Response Proforma

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

Industry parties are invited to respond to this consultation expressing their views and supplying the rationale for those views, particularly in respect of any specific questions detailed below.

Please send your responses to stcteam@nationalenergyso.com  by **5pm** on **22 April 2025**. Please note that any responses received after the deadline or sent to a different email address may not receive due consideration.

If you have any queries on the content of this consultation, please contact stcteam@nationalenergyso.com

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| **Respondent details** | **Please enter your details** |
| **Respondent name:** | Click or tap here to enter text. |
| **Company name:** | Click or tap here to enter text. |
| **Email address:** | Click or tap here to enter text. |
| **Phone number:** | Click or tap here to enter text. |
| **Which best describes your organisation?** | [ ] Consumer body[ ] Demand[ ] Distribution Network Operator[ ] Generator[ ] Industry body[ ] Interconnector | [ ] Storage[ ] Supplier[ ] System Operator[ ] Transmission Owner[ ] Virtual Lead Party[ ] Other |

**I wish my response to be:**

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| (Please mark the relevant box) | [ ]  Non-Confidential *(this will be shared with industry and the Panel for further consideration)* |
|  | [ ]  **Confidential** (this *will be disclosed to the Authority in full but, unless specified, will not be shared with the Workgroup, Panel or the industry for further consideration)* |

**For reference the Applicable STC Objectives are:**

1. *efficient discharge of the obligations imposed upon Transmission Licensees by Transmission Licences and the Electricity Act 1989;*
2. *efficient discharge of the obligations imposed upon the licensee by the Electricity System Operator licence, the Energy Act 2023 and Electricity Act 1989;*
3. *development, maintenance, and operation of an efficient, economical, and coordinated system of electricity transmission;*
4. *facilitating effective competition in the generation and supply of electricity, and (so far as consistent therewith) facilitating such competition in the distribution of electricity;*
5. *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\*;*
6. *promotion of good industry practice and efficiency in the implementation and administration of the arrangements described in the STC;*
7. *facilitation of access to the National Electricity Transmission System for generation not yet connected to the National Electricity Transmission System or Distribution System; and*
8. *compliance with the Electricity Regulation and any Relevant Legally Binding Decisions of the European Commission and/or the Agency.*

*\* See Electricity System Operator Licence*

**Please express your views in the right-hand side of the table below, including your rationale.**

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| **Standard Workgroup Consultation questions** |
| 1 | Do you believe that the Original Proposal better facilitate the Applicable Objectives versus the baseline? | Mark the Objectives which you believe each solution better facilitates: |
| Original | [ ] A [ ] B [ ] C [ ] D [ ] E [ ] F [ ] G [ ] H |
| Click or tap here to enter text. |
| 2 | Do you support the proposed implementation approach? | [ ] Yes[ ] No |
| Click or tap here to enter text. |
| 3 | Do you have any other comments? | Click or tap here to enter text. |
| 4 | Do you wish to raise a Workgroup Consultation Alternative request for the Workgroup to consider?  | [ ] Yes (the request form can be found in the [Workgroup Consultation](https://www.neso.energy/industry-information/codes/stc/modifications/cm097electromagnetic-transient-emt-and-root-mean-square-rms-model-submission-transmission-owners-tos) Section)[ ] No |
| Click or tap here to enter text. |
| 5 | Does the draft legal text satisfy the intent of the modification? | [ ] Yes[ ] No |
| Click or tap here to enter text. |

[ ]

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| **Specific Workgroup Consultation questions** |
| 6 | Please could you share your rationale for a cost-recovery mechanism to be put in place supported by evidence, where available. If no cost-recovery mechanism were available, what do you believe the implications would be? | Click or tap here to enter text. |
| 7 | As part of the consequential modification for GC0168, it is proposed to prepare an Electrical Standard detailing how an EMT model would be submitted in PSCAD Version 5. Do you believe with appropriate signposting to the Grid Code from the STC, this would be an appropriate and cost effective method of providing this guidance to transmission licences. If you do not believe this to be the case, what alternative would you suggest and add the rational for your view. | Click or tap here to enter text. |