Electricity System Restoration Standard Implementation – Modelling & Restoration Tool Working Group - Terms of Reference

Chair: NGESO to provide
Tech Secs: NGESO to provide

Standing Members:
• NGESO
• NGET
• SPEN-T
• SSEN-T
• SSEN-D
• SPEN-D
• UKPN
• WPD
• ENW
• NPG

By invitation:
• Wind Rep
• Solar Rep
• Synch Gen Rep
• Interconnectors

Members

• Cadence – Fortnightly full meeting, with interim lighter touch meeting (without the project updates). Scheduled to align with key points in projects.
• Duration – 2 hours
• Location – Teams Meeting (for now)
• Submissions due and pre-read – slides/papers with clear confirmation of input/decisions needed 5 Business Days prior. Papers are to be read ahead of the meeting.
• Minutes – to be taken and circulated with the Action/Decision Log
• Quorum – All Standing members to attend. Deputies can attend with full decision-making authority delegated.

Logistics

Purpose:
• To develop a framework that will give relevant industry parties confidence that the restoration model(s) outputs are a fair representation of restoration times in GB

Purpose/Scope

• NGESO Strawman
• Assumptions, Input/output data and underpinning logic relevant for the running of the probabilistic model
• Relevant consultation responses
• Relevant codes
• Glossary & definitions

Inputs

• Establish if/how industry parties could influence existing model assumptions through various actions or investments and how best to represent them.
• An outline scope and feasibility review for a real-time measurement tool.
• Provide regular progress updates to coordination team and steering committee
• Produce a final report to include:
  • Benefits/limits of the probabilistic model and benefits of having a deterministic model supporting operation in real-time
  • List of the technical and non-technical parameters needed in future deterministic tool and how it will relate to the probabilistic model
  • Implementation plan
  • Risks and mitigations
  • In coordination with other industry working groups, the impact on industry codes, including mapping of changes in relevant regulatory frameworks, initial draft of the proposed changes and a route to change (e.g. Grid Code Modification proposal)

Outputs

Standing Agenda

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<thead>
<tr>
<th>Items</th>
<th>Owner</th>
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<tbody>
<tr>
<td>1. Safety/Wellbeing/inclusion Moment</td>
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<td>2. Actions Update</td>
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<td>3. Progress/project update</td>
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<td>4. Risk/Issues for escalation to Coordination team</td>
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<td>5. Decisions/Actions</td>
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<td>6. AOB</td>
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