

Meeting Date: 24 October 2024

PURPOSE AND SCOPE OF NEXT  
MEETING'S SUBSTANTIVE PAPERS

SECURITY  
AND  
RELIABILITY  
COUNCIL

**Note:** This paper has been prepared for the purpose of the Security and Reliability Council. Content should not be interpreted as representing the views or policy of the Electricity Authority.

# 1 Purpose and scope of next meeting's substantive papers

## 1.1 This is the SRC's opportunity to provide verbal guidance for next meeting's substantive papers

- 1.1.1 The purpose of this paper is to allow the SRC to provide expectations for the following meeting's substantive papers and agenda items and improve the efficiency and effectiveness of the secretariat's preparation. If there is any particular context or SRC concerns/questions, these would be valuable to share with the secretariat.
- 1.1.2 The secretariat's suggestions for the SRC's Q1 2025 meeting, incorporating previous member input from previous discussions, are set out below for consideration and refinement at this (October) meeting.
- 1.1.3 In preparation for the October meeting, the secretariat asks members to consider what information they seek in relation to the following topics, raised at the August risk and strategy session (and prior). This is the opportunity for members to flesh out the broad topics raised by giving detail, for example on:
- How any topic aligns with the SRC's functions<sup>1</sup>
  - Whether the topic is best addressed via a paper, presentation or another format
  - What entities does the SRC want to hear from to inform the discussion
  - Questions, issues, concerns members would like addressed
- 1.1.4 The secretariat anticipates further themes and topics arising from the SRC's risk radar (item#7), and forward work programme discussions (item#14) at the October meeting.
- 1.1.5 **Note: - For items 1.2 and 1.3**, below, these have been proposed before but postponed due to prioritisation of other topics. The secretariat proposes these as *either/or* options, given the scope of the potential topics listed, limited meeting time available and feedback that members prefer fewer items of longer duration to enable deeper consideration of the issues.

## 1.2 Public Safety Supply Disruption

- 1.2.1 Management of the power system in weather events, including fire, earthquakes (for example, the Northland and Port Hills fires).
- 1.2.2 Presentations could be sought from the grid owner, Electricity Networks Aotearoa (ENA) and/or 2-3 distributors (ideally covering large/small, urban/rural, and potentially different ownership structures), FENZ, NEMA, Commerce Commission oversight.

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<sup>1</sup> As set out in section 10 of the SRC's Terms of Reference:

[https://www.ea.govt.nz/documents/514/Terms\\_of\\_reference\\_for\\_the\\_Security\\_and\\_Reliability\\_Council\\_and\\_other\\_advisory\\_groups.pdf](https://www.ea.govt.nz/documents/514/Terms_of_reference_for_the_Security_and_Reliability_Council_and_other_advisory_groups.pdf)

- 1.2.3 Islanding networks – the extent to which batteries, EVs and V2G power flows can support resilience in contingent events
- 1.2.4 Lessons from Australia – AEMO, AER, case studies
- 1.2.5 This topic was also included in the proposed themes for the May meeting but was postponed when the Minister and MBIE accepted the SRC's invitation to present on the new government's approach for the sector.

### **1.3 Policy systems and processes**

- 1.3.1 Members expressed an interest in hearing about how the system manages to recover from capacity shortfalls. In the light of this feedback, the secretariat considered it may be the right time to provide a meeting's (or half meeting's) content on policies and systems in place.
- 1.3.2 This would provide members with updates on relevant Authority and system operator workstreams, as examples of how the processes work in practice. Presentations can also be used as a future resource for members to build on the material covered in member induction sessions.
- 1.3.3 Topics within the theme, for further refinement, could include:
  - a) Policies
  - b) Business as usual information and reporting
  - c) Forecasting work – NZGB etc
  - d) How forecast tight situations are managed - CAN notices etc
  - e) Security of supply forecasting and information policy (SOSFIP)
  - f) The approach and content for industry exercises
- 1.3.4 This topic was previously proposed but postponed.

### **1.4 Contingent storage**

- 1.4.1 Topics could include – Describing the issue, whether more forethought is needed on this and similar issues, the impact of changes this winter, are the problems addressed, what more, if anything, is needed, what information is available and being relied on to inform the sector about the risks.

### **1.5 Regional resilience**

- 1.5.1 Topics could include - An overall regional resiliency framework, regional electricity resilience and reliability plans, energy use profiles by region (if available), funding models, input from grid owner/system operator

### **1.6 Gas information transparency**

- 1.6.1 Topics could include - efficient use of gas, gas supply assumptions, fuel consumption modelling, gas planned and unplanned outages, data aggregation and anonymity

## 1.7 Cascade events

- 1.7.1 Topics could include - System operator principal performance obligations, the risks of losing plant, the risks of insufficient fuel sources, impact of Huntly going offline in Winter 2025, geomagnetic storm resilience, experience from overseas

## 1.8 Additional items

- 1.8.1 The secretariat has included other potential topics, based on member suggestions, in the forward work programme paper (item #14).
- 1.8.2 In the secretariat's view those items may not warrant a theme but could be included, as part of a broader topic for a future meeting. Members are asked to review that paper and bring along additional suggestions and ideas for discussion during agenda item #13 and #14).

## 2 Questions for the SRC to consider

- 2.1.1 The SRC may wish to consider the following questions:

- Q1. Does the SRC have any other suggested topics/papers for the Q4 2024 meeting, aligned with, or as a counterpoint to, the above items?**
- Q2. Does the SRC have further guidance for the secretariat about how it would like to receive information about the themes for upcoming meetings?**