

Meeting Date: 1 June 2022

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 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 As a result of changes to the SRC's work programme in 2021, for example, bringing the theme of gas resilience forward, the SRC is reviewing its forward work programme, including for the remaining meetings for the 2022 calendar year.
- 1.1.3 The secretariat's suggestions for the August meeting are set out below for discussion. The SRC will be discussing the theme and topics for the August and October meetings in the forward work programme (item 12) at this meeting.

1.2 Risk and strategy environment scan

- 1.2.1 The next SRC meeting on 10 August is the annual strategy session. At this facilitated session (facilitator TBC) the SRC will receive and discuss a risk and strategy environment scan.
- 1.2.2 The secretariat considers the purpose of this paper is to:
 - a) provide the SRC with information about its role to inform its strategy discussion
 - b) ensure the SRC's focus enables it to provide the Authority with meaningful, actionable advice
- 1.2.3 The secretariat will provide supporting material, drawing on material from the strategic framework established in previous sessions
- 1.2.4 The secretariat does not intend to verbally present the material, instead offering it to provide a framework for considering the strategic issues and spur discussion.
- 1.2.5 The secretariat anticipates the session will have three main components:
 - a) The SRC's role/function/purpose and other introductory context.
 - b) Review of the top 3 SRC priorities.
 - c) Review of how the SRC can best input and engage in relevant Authority and other workstreams, for example, the FSR programme of work.

1.3 Climate Change

- 1.3.1 The secretariat considers the purpose of this topic is to inform the SRC about the impacts of climate change on electricity security and reliability.
- 1.3.2 The SRC will invite representatives from the Climate Change Commission and MBIE to present and discuss their approach to this critical issue.

- 1.3.3 The timing of August gives the opportunity for the SRC to ask MBIE about its approach in response to the Climate Change Commission's final report; how MBIE intends to deliver on the government's expectations; and feedback it has received from both the industry and consumers on the Emissions Reduction Plan.

1.4 Various measures of reliability

- 1.4.1 The secretariat considers the purpose of this paper is to:
- a) provide the SRC with **available** security and reliability data, at network and transmission level, excluding data already published¹
 - b) Include the below list of measures that could be provided to the SRC, if they are seeking that level of detail:
 - i. the count of under-frequency events (UFE)
 - ii. the count of grid warning notices
 - iii. the count of voltage and frequency excursion notices
 - iv. the count of times when reserves are less than required for security
 - v. primary and secondary transmission outage counts
 - vi. primary and maximum transmission outage duration in minutes
 - vii. key metrics derived from the Authority's electricity distribution business (EDB) monitoring of disclosed data, including the average system availability index (ASAI)
 - viii. changes in embedded generation volumes and trends.
 - c) note any limitations to the monitoring regime and forecasting reliability

¹

If further detail is required, SRC members may be interested in reading last year's paper: [SRC11-Various-measures-of-reliability.pdf](#)