



Service Restart Ancillary System Guideline

Consultation Forum

24 June 2020

*We acknowledge the Traditional Owners
of country throughout Australia and
recognise their continuing connection to
land, waters and culture.*

*We pay our respects to their Elders past,
present and emerging.*

AEMO Competition Law Meeting Protocol

AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO regarding proposed reforms or other initiatives, all participants agree to adhere to the CCA at all times and to comply with this Protocol. Participants must arrange for their representatives to be briefed on competition law risks and obligations.

Participants in AEMO discussions **must**:

- Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
- Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
- Immediately and clearly raise an objection with AEMO or the Chair of the meeting if a matter is discussed that the participant is concerned may give rise to competition law risks or a breach of this Protocol

Participants in AEMO meetings **must not** discuss or agree on the following topics:

- Which customers they will supply or market to
- The price or other terms at which Participants will supply
- Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
- Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
- Refusing to supply a person or company access to any products, services or inputs they require

Under no circumstances must Participants share Competitively Sensitive Information. Competitively Sensitive Information means confidential information relating to a Participant which if disclosed to a competitor could affect its current or future commercial strategies, such as pricing information, customer terms and conditions, supply terms and conditions, sales, marketing or procurement strategies, product development, margins, costs, capacity or production planning.

Raising hand in WebEx Events

The screenshot displays the Cisco WebEx Events interface. At the top, the title bar reads "Cisco Webex Events" and the menu bar includes "File", "Edit", "View", "Communicate", "Participant", "Event", and "Help". The main area shows a large circular placeholder with the initials "SG" and a name tag for "Sorrell Grogan (Host)". At the bottom, a toolbar contains several icons: a microphone, a screen share icon, a participants icon (highlighted with a red arrow and the text "1. Click Participants"), a chat icon, a more options icon, and a close icon. On the right side, there are two panels: "Chat" and "Q&A". The "Chat" panel has a "To:" dropdown set to "Host" and a text input field. The "Q&A" panel has an "Ask:" dropdown set to "All Panelists" and a "Send" button.

Raising hand in WebEx Events

The screenshot displays the Cisco WebEx Events interface. In the center, a large circular icon contains the initials 'SG'. To the right, a sidebar contains a 'Participants' list with a search bar and two entries: 'Sorrell Gro... Host' and 'Ahvand Jalali Me'. A red square highlights a hand-raising icon in the center of the screen. A red arrow points from this icon to a 'Raise Hand' button in the 'Participants' list, which is also circled in red. Below the 'Participants' list is a chat area with a 'To:' dropdown set to 'Host', a text input field, and a 'Send' button. At the bottom, there is a 'Q&A' section with an 'Ask:' dropdown set to 'All Panelists' and a 'Send' button.

2. Click Raise Hand

Today's meeting

1. Background and context for the new guideline
2. Overview of major changes
3. NEM-wide considerations
 - Introduction from existing and new technology owners and OEMs
 - Open discussion on Guideline changes
4. Regional considerations
 - Introduction by regional TNSP
 - Discussion by NEM region

Rule change background

- Changing mix of generation and load, need alternative restart and support services
- Restoration support services to enhance & sustain restoration
- Consideration for future power system state (long-term)
- Improved confidence in restart paths and performance of SRAS equipment

Changes to SRAS Guideline

Rule change: Amendment to the definition of SRAS and black start capability

Guideline changes:

- *Describing capabilities of plant in detail that can apply to a broader set of potential black start facilities*
- *Introduce and describe capabilities that can provide Restoration Support Services*

To consider:

*What should or shouldn't be captured here? To what level of detail?
What are the abilities of new tech?*

Changes to SRAS Guideline

Rule change: Amendment to the SRAS Procurement Objective

Guideline changes:

- *Description on how this objective will be met*
- *Focusing on long-term costs, consider value for money and potential for risk-sharing*
- *Allow consideration of the future state of the power system at procurement*

To consider:

Are the included modifications to meet objective appropriate?

Changes to SRAS Guideline

Rule change: New framework for the physical testing of system restart paths

Guideline changes:

- *Inclusion of factors AEMO will consider to conduct extended network test*
- *Guidance to Registered Participants on how to develop test procedures, and the measurements/data to be captured during these tests*

To consider:

Are the factors for conducting a test and the guidance measurements/data appropriate? Lacking? Over-prescriptive?

Changes to SRAS Guideline

Rule change: SRAS testing and test procedures

Guideline changes:

- *Inclusion of requirements to identify inconsistencies between SRAS testing and actual restart plans*
- *Coordinated testing and reporting with NSPs*
- *Clarifications on triggers for conducting an SRAS test*

To consider:

Can potential inconsistencies be captured with the proposed amendments? Are the other changes appropriate?

Additional consideration

Proposed change: Boundaries of electrical sub-network (Queensland)

Guideline changes:

- *No changes included in Draft for Consultation*

To consider:

What are the advantages and disadvantages of a single Queensland zone, given that SRAS-capable plant is currently located in the central and southern areas?

NEM-wide considerations

Perspective 1: Tesla

NEM-wide considerations

Perspective 2: CS Energy

Suggested areas of discussion

1. Expanding definition of SRAS and black start capability
 - a. Inc. new plant type and restoration support services
2. How the amended SRAS Procurement Objective will be met
3. Explanation of conditions and data captured for physical testing of system restart paths
4. Changes to SRAS testing and test procedures

Regional considerations

New South Wales

Introduction: TransGrid

Regional considerations

Queensland

Introduction: Powerlink

Regional considerations

South Australia

Introduction: ElectraNet

Regional considerations

Tasmania

Introduction: TasNetworks

Regional considerations

Victoria

Introduction: AusNet Services

Thank you

First-stage submissions due 5 PM AEST Friday 3 July 2020
If required, please request a meeting for further discussions with AEMO
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