

# B2B Working Group

12 October 2023

Notes

Please note that this meeting is being recorded for note taking purposes



# Online forum housekeeping

1. This meeting will be recorded for minute taking purposes
2. Please mute your microphone, this helps with audio quality as background noises distract from the conversation.
3. Use the 'Raise hand' function should you wish to speak to an item. This keeps conversations orderly.
4. Use the 'Chat' function for any other questions or comments you may have.
5. In attending this meeting, you are expected to:
  - Not only represent your organisation's interests but also the interests of Industry and its customers
  - Have an open mindset
  - Contribute constructively
  - Be respectful, both on the call and in the chat

# 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, all participants agree to adhere to the CCA at all times and to comply with appropriate protocols where required to do so.
- AEMO has developed meeting protocols to support compliance with the CCA in working groups and other forums with energy stakeholders
- The AEMO Competition Law Meeting Protocol can be viewed and downloaded from AEMO's website
  - [https://aemo.com.au/-/media/files/stakeholder\\_consultation/working\\_groups/aemo-competition-law-meeting-protocol/aemo-competition-law-meeting-protocol---october-2022.pdf?la=en](https://aemo.com.au/-/media/files/stakeholder_consultation/working_groups/aemo-competition-law-meeting-protocol/aemo-competition-law-meeting-protocol---october-2022.pdf?la=en)

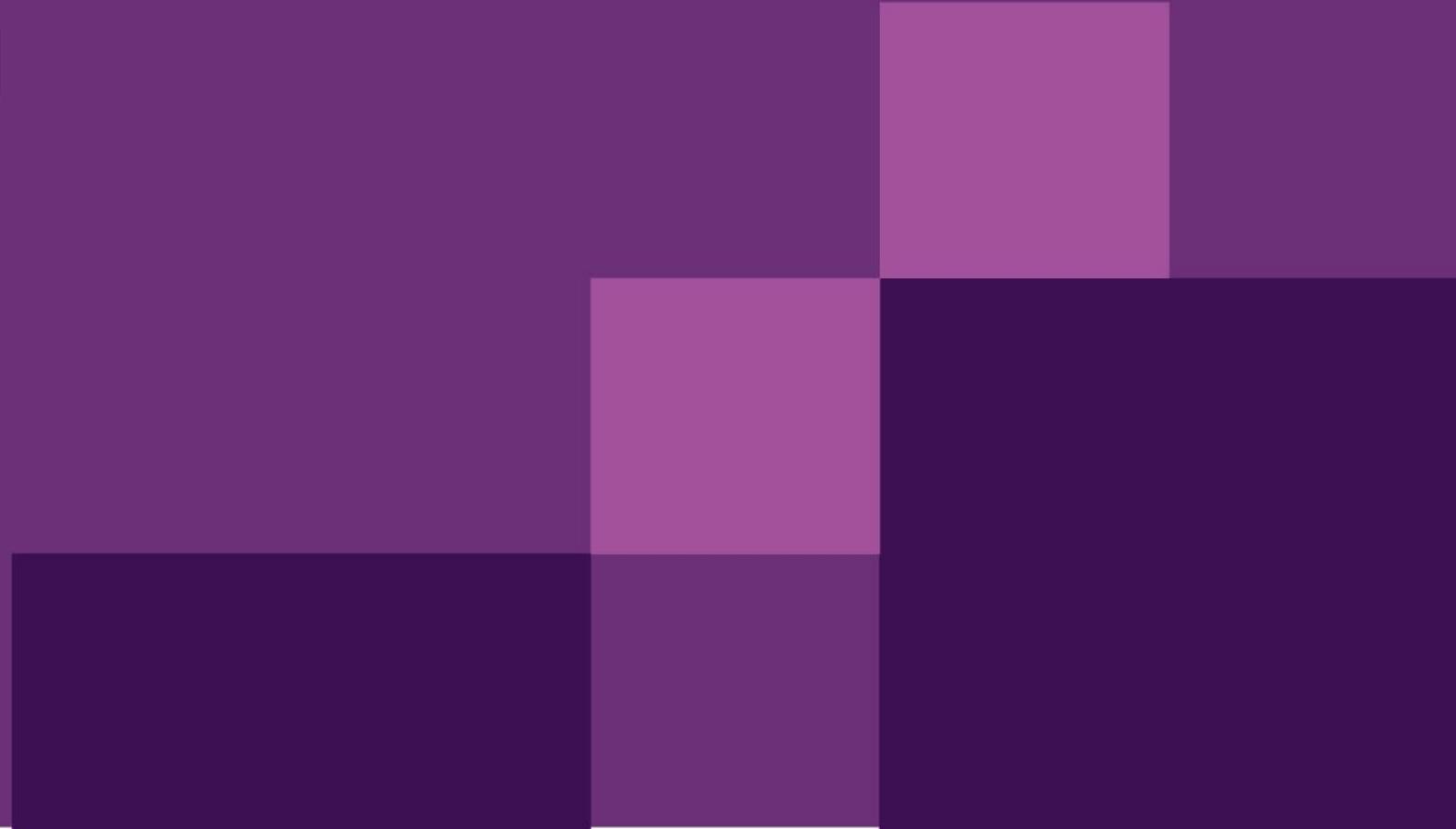
# Agenda

#	Topic
1	Welcome, Housekeeping & Agenda
2	Actions Log
3	Proposed Changes to the IEC ICF Template
4	ICF Register
5	RoLR Review update
6	Nov face-to-face meeting prep, including the IEC engagement
7	Unlocking CER benefits through Flexible Trading
8	B2M Update
9	MSR WG Update
10	B2B Guide Improvement Review Update
11	'What's on the B2B horizon?'
12	Forward Agenda
13	General Business
A	Appendix

# Notes

- Blaine Miner (AEMO) spoke to the Agenda
- **Actions:**
  - AEMO to request the NEM Reform team to reschedule Session 5B of the IDAM/IDX/PC initiative, so it does not clash with the B2B-WG and IEC face-to-face meeting in November

# Actions Log



# Pre-Sept Meeting Actions

Action	Topic	Description	Status	Responsible	Due Date	Comments
130922-01	IEC - Power Quality	Consider what information is required to determine if the current procedures were sufficiently fit-for-purpose for the transmission of power quality data and what sort of scalability would need to occur to allow for that transmission to occur	Open	B2B WG	October meeting	
130922-02	IEC - Power Quality	Consider and recommend if the B2B procedure changes could be accelerated to allow for power quality transactions to flow rather than waiting for an AEMC rule change	Open	B2B WG	October meeting	
090323_11	Discrepancy between B2B SO Process and B2B Guide (V3.7)	B007/22 Mark Riley (AGL) to draft the initial ICF re the discrepancy between B2B SO Process and B2B Guide for FormReference and FormNumber fields	Open	Mark Riley	TBD	
240823_06	IEC ICF Update	Mark Riley (AGL) to provide the B2B WG with further justification, including an impact assessment, as to why the 'New Verify Meter Data Request Enumeration' ICF should proceed e.g., frequency of the issue occurring, costs to AGL managing this issue today, the impact if the ICF doesn't proceed	Open	Mark Riley	October meeting	

# Sept Meeting Actions

Action	Topic	Description	Status	Responsible	Due Date	Comments
130923_01	B2M Update	AEMO to confirm if a PIR will occur for the metering exemption automation consultation	Closed	AEMO	October meeting	An internal PIR will occur, however, AEMO is not intending on conducting an externally facing PIR
130923_02	ICF assessment process	AEMO to circulate proposed changes to the B2B WG re the current ICF template	Closed	AEMO	October meeting	Initial draft provided with this pack for feedback
130923_03	ICF assessment process	AEMO to consider including an additional step into their consultation processes to publish a consolidated submission document at time of publishing individual submissions	Closed	AEMO	October meeting	Retail Reform Delivery will add this step to its work plans
130923_04	ICF assessment process	AEMO to consider how to assess if an additional round of consultation/change marking is required e.g. submissions result in a 'material' change in the procedures	Closed	AEMO	October meeting	AEMO does currently make these considerations e.g. MSDR and SAPS
130923_05	ICF Register	CDN rejection reason codes details to be provided to the B2B WG by Mark Riley (AGL)	Closed	Mark Riley (AGL)	October meeting	Closed at October meeting
130923_06	ICF Register	B2B-WG to re-evaluate the ICF_013 once rejection code details has been provided	Closed	B2B-WG	October meeting	Closed at October meeting
130923_07	ICF Register	AEMO to change the 'Status' of current ICFs to align to the new assessment gates, including commentary of next steps/actions	Closed	AEMO	October meeting	Statuses have now been updated
130923_08	B2B Guide improvement detailed review	Mark, David and Paul to reassess their B2B Guide recommendations in preparation for the October monthly meeting	Open	Mark, David and Paul	October meeting	Mark Riley has circulated the updated recommendations to the B2B WG for comment

# Sept Meeting Actions

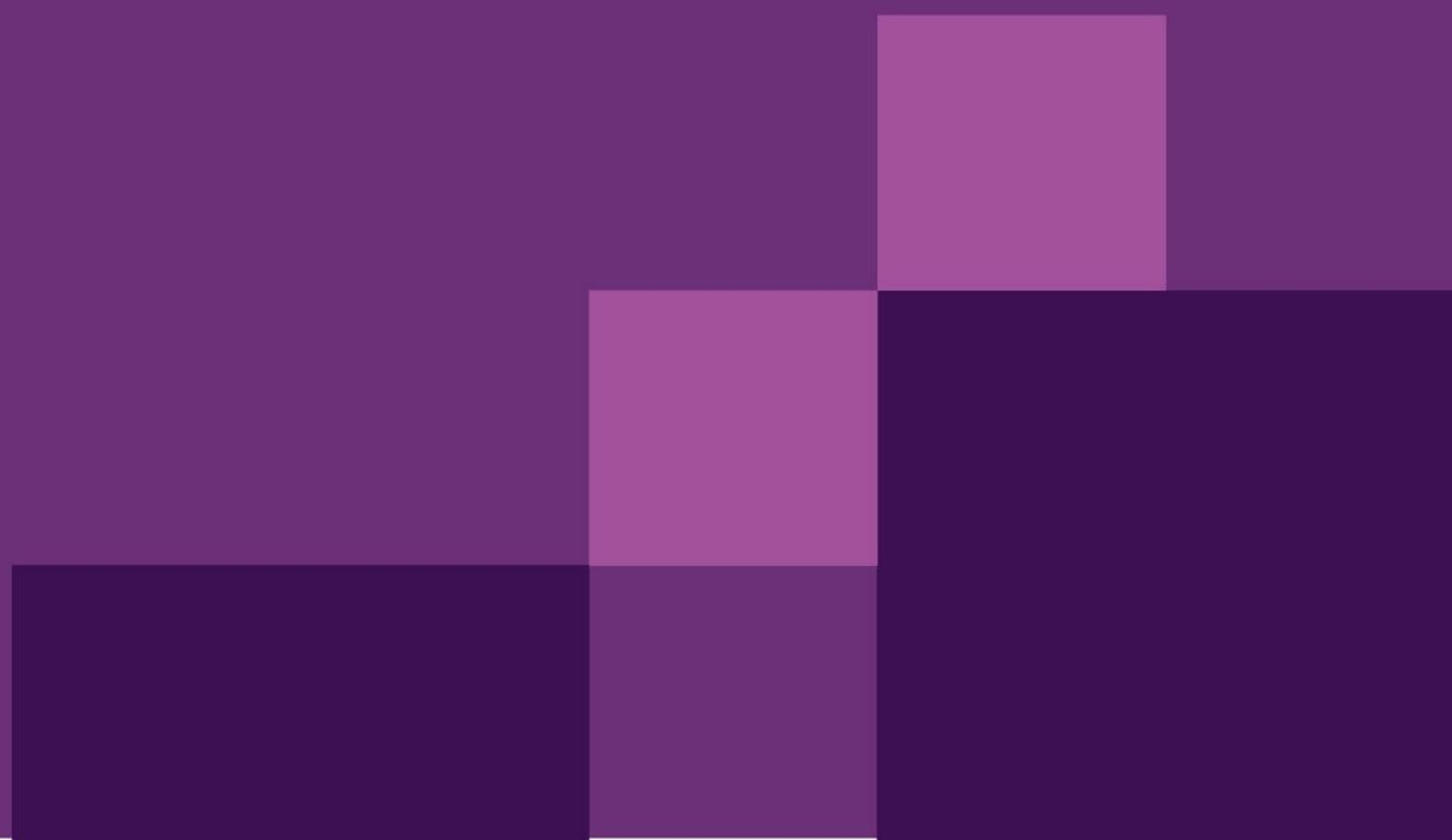
Action	Topic	Description	Status	Responsible	Due Date	Comments
130923_09	B2B Guide improvement detailed review	AEMO to change mark the B2B Guide once Mark, David and Paul's reassessment has been completed	Closed	AEMO	Dependent on action 130923_08	Mark Riley has circulated the change marked procedure
130923_10	NEM RoLR Consultation PIR	AEMO to draft and maintain a forward-looking milestones view of ICFs, relevant initiatives, consultations and AEMO system releases	Closed	AEMO	October meeting	Initial draft provided in this pack for member feedback
130923_11	RoLR Review Update	Gareth to schedule AEMO ROLR meeting workshops	Closed	Gareth Morrah (AEMO)	October meeting	First meeting scheduled for Tues 17 Oct
130923_12	RoLR Review Update	Gareth to email AEMO's RoLR scope to wider audience	Closed	Gareth Morrah (AEMO)	October meeting	Gareth to consider how best to achieve this request
130923_13	RoLR Review Update	B2B-WG to determine when to engage the IEC on proposed RoLR changes	Closed	B2B-WG	October meeting	Proposed to be included into the Nov face-to-face meeting
130923_14	AEMC Metering Services Review	AEMO to establish a bespoke MSR Working Group to consider potential impacts to B2M and B2B Procedures	Closed	AEMO	October meeting	Completed, MSR-WG established
130923_15	AEMC Metering Services Review	B2B WG members to confirm with their businesses of nomination to the MSR working group by COB Friday 22 September	Closed	B2B-WG	Due 22 Sept	Completed, nominations received

# Notes

- Blaine Miner (AEMO) spoke to the Action slides
- Regarding the recent Metering Exemption Automation consultation, the B2B-WG noted:
  - Participants were disappointed that AEMO appeared to have already decided and designed their solution prior to consultation with Stakeholders
  - As a result, Participants felt their needs/feedback were not taken into consideration
  - Stakeholders should always be given an opportunity to provide feedback to AEMO of how initiatives should be developed
  - Technical information e.g., Technical Specifications, needs to be provided earlier by AEMO for impacted parties to consider and implement system and process changes
- **Actions:**
  - AEMO to consider including a provision for Stakeholder facing 'post consultation review' sessions as part of its B2M consultation processes
  - AEMO to consider having a Stakeholder facing 'post consultation review' session associated to the Metering Exemption Automation consultation as soon as practicable



# Proposed Changes to the IEC ICF Template



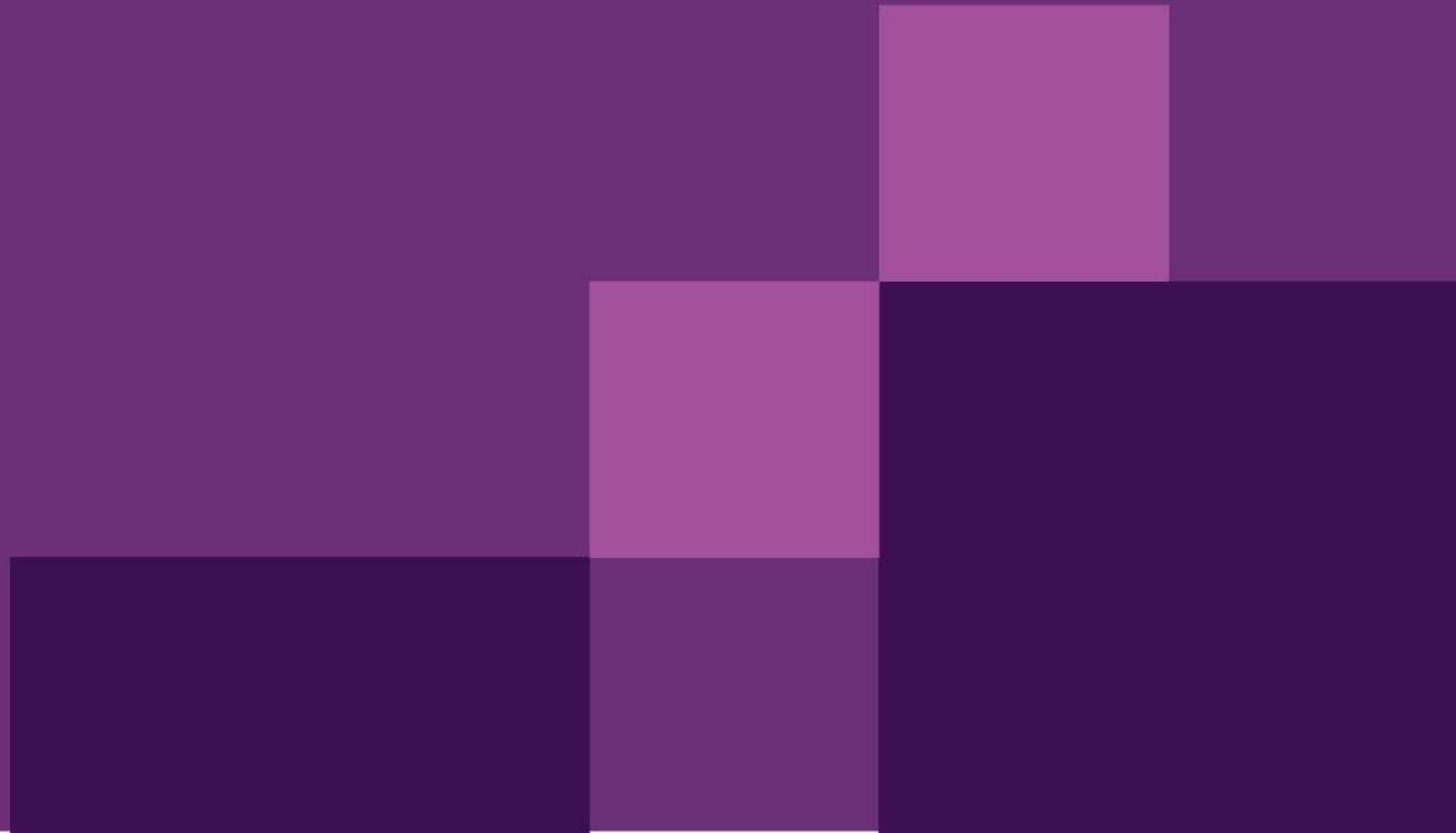
# Proposed Changes to the IEC ICF Template

- Refer to the proposed ICF Template

# Notes

- Blaine Miner (AEMO) spoke to the suggested changes to the IEC ICF Template
- The B2B-WG discussed changes and made additional amendments to the template
- **Action:**
  - **AEMO to circulate the updated IEC ICF Template for further B2B-WG consideration and feedback**

# ICF Register



# Update on B010/23 - Extreme Weather Events

- David, Graeme and Mark have pulled together a high-level concept process for dealing with the issue of when customers should be made 'D' in the market after extreme weather events
- This process proposes that the events are initially assessed as being either short term (e.g. storm damage) or long term (e.g. flood fire)
- Short term loss of supply continues as it does today, however, if the site is still off supply at around 10 days, then an assessment should be undertaken to update the market
- Sites which are off supply due to long term outages (i.e. >10 days) would generally be updated in the market straight away and the process for re-energisation would go through the retailer – B2B Processes.

# Notes

- Mark Riley (AGL) spoke to ICF B010/23 - Extreme Weather Events
  - The ICF is specific to the extreme weather event scenarios where areas may lose supply for an indetermined time e.g. floods
  - Scenarios outside of this need to be raised as a separate ICF

# ICF Gates

Gate	Entry Criteria	Exit Criteria	Outcome
0 – ICF Preparation	<ul style="list-style-type: none"> <li>Issue or change identified</li> </ul>	<ul style="list-style-type: none"> <li>Entry criteria for Gate 1 achieved</li> </ul>	<ul style="list-style-type: none"> <li>ICF circulated to the B2B WG members for Initial Assessment purposes</li> </ul>
1 - B2B WG Initial Assessment	<ul style="list-style-type: none"> <li>Mandatory ICF sections populated to the required standard</li> <li>ICF reviewed by a B2B WG member prior to submission</li> <li>Proposed solution provided, where available</li> </ul>	<ul style="list-style-type: none"> <li>ICF populated to the required standard</li> <li>Additional information has been requested and received</li> <li>Options analysis has been completed</li> </ul>	<ul style="list-style-type: none"> <li>B2B WG informs the Proponent of the outcome of Gate 1</li> </ul>
2 - B2B WG Detailed Assessment	<ul style="list-style-type: none"> <li>ICF fully populated to the required standard</li> <li>Options analysis has been completed</li> </ul>	<ul style="list-style-type: none"> <li>Recommendation to the IEC determined</li> <li>IEC Paper has been prepared</li> <li>Inclusion into the next IEC Agenda has been confirmed</li> </ul>	<ul style="list-style-type: none"> <li>B2B WG informs the Proponent of the outcome of Gate 2</li> </ul>
3 - IEC Initial Assessment	<ul style="list-style-type: none"> <li>ICF populated to the required standard</li> <li>IEC paper completed and circulated</li> </ul>	<ul style="list-style-type: none"> <li>Additional information has been requested and provided, where applicable</li> <li>IEC decision confirmed</li> </ul>	<ul style="list-style-type: none"> <li>IEC informs the Proponent of the outcome of Gate 3</li> </ul>
4 - IEC Change Pack creation	<ul style="list-style-type: none"> <li>IEC decision to progress to Gate 4</li> </ul>	<ul style="list-style-type: none"> <li>Change Pack prepared</li> <li>Inclusion of the ICF into the IEC Agenda has been confirmed</li> </ul>	<ul style="list-style-type: none"> <li>IEC Change Pack ready for consultation</li> </ul>
5 - Formal Consultation	<ul style="list-style-type: none"> <li>Change Pack completed to IEC standards</li> </ul>	<ul style="list-style-type: none"> <li>IEC publishes Final Determination</li> </ul>	<ul style="list-style-type: none"> <li>ICF ready for implementation</li> </ul>

# Current IEC ICFs

ICF No	Title	Description	Proponent	Status	Next Step
B002/22	Alignment of B2B field lengths to B2M Procedures/schema	Since r42 B2M schema release, there has been some inconsistent field lengths identified for the same fields in the B2B transactions. Due to this issue, the information may get truncated while using B2B transaction.	Aakash Sembey (Origin Energy)	4 - IEC Change Pack creation	<ul style="list-style-type: none"> <li>Late Q1/Early Q2 2024 consultation</li> </ul>
B003/22	B2B RoLR Procedure Updates	Version 2.3 of the NEM RoLR Processes (Part B) require changes to some of the in-text referencing in section 104 as errata changes. Also, while reviewing these clause references, it was observed that some of the subclauses need to be broadened to other service providers, in addition to the LNSPs.	Aakash Sembey (Origin Energy)	Awaiting Implementation	<ul style="list-style-type: none"> <li>Final Determination to be published by 18 Sept 2023</li> <li>Effective date – 1 Nov 2023</li> </ul>
B004/22	B2B/B2M field lengths – Address elements	ICF is aimed to harmonise the B2B fields lengths in line with the Australian Standard, as well as any B2M usage to ensure consistent interchange of information within the energy market.	Mark Riley (AGL)	4 - IEC Change Pack creation	<ul style="list-style-type: none"> <li>Late Q1/Early Q2 2024 consultation</li> </ul>
B005/22	Clarification of UMS Data in Inventory Table	ICF is to ensure a consistent approach to the use of the Inventory Table, which will allow all parties to more effectively reconcile the movement of unmetered assets and minimise future administrative mistakes.	Mark Riley (AGL)	0 – ICF Preparation	<ul style="list-style-type: none"> <li>With Mark to progress</li> </ul>
B006/22	PERSONNAME definition spec correction	Person Name field Technical Specification clarification	Helen Vassos (PLUS ES)	4 - IEC Change Pack creation	<ul style="list-style-type: none"> <li>Late Q1/Early Q2 2024 consultation</li> </ul>

# Current IEC ICFs

ICF No	Title	Description	Proponent	Status	Next Step
B007/22	Discrepancy between B2B SO Process and B2B Guide (V3.7)	Discrepancy between B2B SO Process and B2B Guide for FormReference and FormNumber fields	Mark Riley (AGL)	0 – ICF Preparation	<ul style="list-style-type: none"> <li>Mark Riley (AGL) to draft the initial ICF</li> </ul>
B008/22	NEM RoLR Processes (Part B) Procedure - Customer Details Enhancement	The current table 102-A does not adequately support all fields required to appropriately serve the customer transferred to the RoLR.	Aakash Sembey (Origin Energy)	Awaiting Implementation	<ul style="list-style-type: none"> <li>Final Determination to be published by 18 Sept 2023</li> </ul>
B009/23	UMS Inventory OWN	<ul style="list-style-type: none"> <li>The UMS inventory file be updated to provide information needed by participants;</li> <li>The Obligation for providing that file remain in Metrology Part B; and</li> <li>The specifics are moved to the B2B OWN Procedure                             <ul style="list-style-type: none"> <li>The specifics would provide a detailed file specification for the inventory file as part of an OWN Transaction.</li> </ul> </li> </ul>	Mark Riley (AGL)	1 - B2B WG Initial Assessment	<ul style="list-style-type: none"> <li>Awaiting B2B WG feedback</li> </ul>
B010/23	Extreme Weather Event	<ul style="list-style-type: none"> <li>Inconsistency between physical and market NMI statuses at a point in time                             <ul style="list-style-type: none"> <li>The physical NMI status and reason e.g. Active or De-energised versus</li> <li>The market NMI status and underlying cause e.g. defect or bypassed</li> </ul> </li> </ul>	Mark Riley (AGL)	1 - B2B WG Initial Assessment	<ul style="list-style-type: none"> <li>Awaiting B2B WG feedback</li> </ul>

# Current IEC ICFs

ICF No	Title	Description	Proponent	Status	Next Step
B011/23	Definition of Unknown Load ExceptionCode	<ul style="list-style-type: none"> <li>The current definition places conditional criteria which is irrelevant for remote re-energisations and restricts its usage</li> <li>For certain remote re-energisation mechanisms:                             <ul style="list-style-type: none"> <li>The E2E remote energisation process is managed by system processes</li> <li>Automatic load detection will trigger the metering installation to de-energise almost instantaneously</li> <li>The activity does not require the customer to be on site</li> </ul> </li> <li>Referencing the customer not being present in an automated process, could create confusion with the recipient of the NOT COMPLETED Re-En Service Order.</li> </ul>	Helen Vassos (PLUS ES)	4 - IEC Change Pack creation	<ul style="list-style-type: none"> <li>Late Q1/Early Q2 2024 consultation</li> </ul>
B012/23	New Verify Meter Data Request Enumeration	<ul style="list-style-type: none"> <li>Presently there are specific codes for Actual Reading required, Estimated (Substituted) data required, Final Substitute Required and Actual or Substitute, however there is no combined request for 'Actual or Final Substitute'.</li> <li>The existing mixed enumeration (actual or Substitute) would be used where the retailer is continuing to bill the customer and billing can be adjusted.</li> <li>However, if the retailer is seeking to final bill the customer, the retailer is seeking final billing data with an expectation that no further data for that period is sought.</li> <li>The new enumeration can differentiate between the different data needs</li> </ul>	Mark Riley (AGL)	1 - B2B WG Initial Assessment	<ul style="list-style-type: none"> <li>Mark Riley (AGL) to provide the B2B WG with further justification, including an impact assessment, as to why the 'New Verify Meter Data Request Enumeration' ICF should proceed e.g., frequency of the issue occurring, costs to AGL managing this issue today, the impact if the ICF doesn't proceed</li> </ul>

# Current IEC ICFs

ICF No	Title	Description	Proponent	Status	Next Step
B013/23	Vacant Site CDN Clarification	<ul style="list-style-type: none"><li>• There have been indications that the CDN indicating the presence of an unknown consumer has been rejected with a request for a vacant site CDN.</li><li>• As such, the use of the vacant site CDN should only be used when the site is vacant, not when it is occupied.</li><li>• This ICF proposes an editorial amendment to clarify this matter.</li></ul>	Mark Riley (AGL)	Withdrawn	<ul style="list-style-type: none"><li>• Awaiting B2B WG feedback</li><li>• ICF withdrawn in October meeting by Mark Riley</li></ul>

# Notes

- Blaine Miner (AEMO) spoke to the ICF Gates and Current ICF slides
- After further discussions and consideration, Mark Riley (AGL) requested for B013/23 to be withdrawn from the register, members supported this request
- **Actions:**
  - **Mark Riley (AGL) to review B012/23 (New Verify Meter Data Request Enumeration) to ensure the issue is clearly articulated, as opposed to the proposed solution**
  - **B2B-WG to assist additional quantification supporting the New Verify Meter Data Request Enumeration ICF (B012/23) to Mark Riley (AGL), where available**

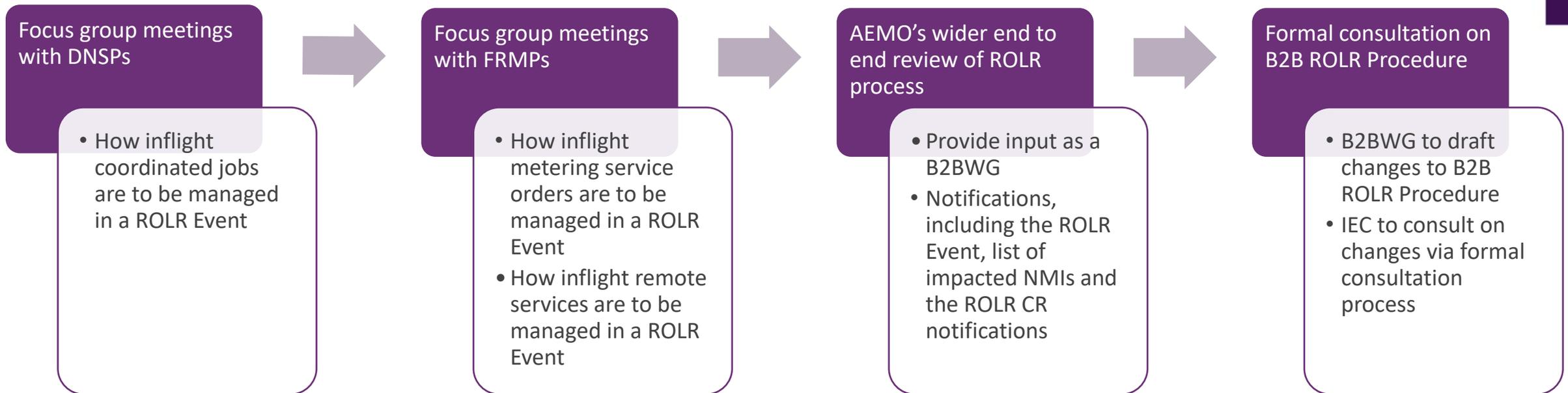


# RoLR Review Update

Gareth Morrah (AEMO) and Dino Ou (Intellihub)

# RoLR Review Update

- Gareth to provide an AEMO review update
- Dino to provide an 'inflight service orders' update



# Proposed ICF

- Issue:
  - The current ROLR Procedure does not define how inflight service orders raised by the Failed Retailer to a Metering Service Provider (MC, MDP, MPB) are to be managed when a ROLR event is declared.
- Market Impact
  - This is an issue because without an agreed and clearly defined industry process for managing these inflight service orders there is a risk of confusion and inefficiencies between market participants which will likely lead to a poor customer experience.
- Customers Benefits
  - The expected customer benefit is any service order initiated by the customer is managed in a manner to minimise disruption during a ROLR event
- Workarounds
  - A potential workaround is having commercial agreements between all market participants; however, this is an ineffective approach because there are many impacted market participants involved
- Critical Timelines to consider
  - AEMO is reviewing Part A of the ROLR Procedure.
  - Any proposed changes to Part B of the ROLR Procedure should be done with the same consultation for changes to Part A to minimise consultation and to allow for a more comprehensive consultation of the end-to-end process and avoiding any misalignment of referencing clauses within the procedure.
- Proposed Solution
  - Add a new section that details how inflight service orders raised by the Failed Retailer to a Metering Service Provider (MC, MDP, MPB) are to be managed when a ROLR event is declared.

# Proposed Procedure Change

## 104.5 MC, MP and MDP Obligations

### The MC, MP and MDP must:

- a) On receipt of notification that the RoLR Event has been invoked (either the original AEMO Communication notification or the notification referred in clause 5.1 a), whichever is received first), obtain and retain a list of all Service Orders received from the Suspended Retailer for which a ServiceOrderResponse transaction has yet to be provided.

Note: This report will be used to support the reconciliation required by clause 105.3.

- b) For all service orders obtained in 104.5 a) that does not have a service order response then send a ServiceOrderResponse transaction with the following details:

(i) ServiceOrderStatus = "Not completed"

(ii) ExceptionCode = "Other"

(iii) SpecialNotes = "RoLR"

- c) Should the Suspended Retailer send any Service Order Requests with an Action Type of 'New' or 'Replace' on or after the RoLR Effective Transfer Date for NMI's that are in Jurisdictions where the Suspended Retailer is no longer licensed to operate, send a Business Rejection signal in response to the Service Order Request with EventCode '1945'.

- d) For the service orders obtained in 104.5 a) deliver:

(i) to each RoLR Key Contact a report for NMI's for which the RoLR has become the FRMP

(ii) to each Distributor Key Contact a report for NMI's for which the Distributor is the LNSP

At a minimum, the list to be provided in compliance with clause 104.5 d) must be in csv format and must:

(i) Contain all ServiceOrderRequest transaction fields as described in the B2B Procedure: Service Order Processes Transaction Table

(ii) Contain all ServiceOrderResponse transaction fields as described in the B2B Procedure: Service Order Processes Transaction Table.

(iii) Be in csv format with each row identified with the field name in the same order as those described in the B2B Procedure: Service Order Processes Transaction Table, with ServiceOrderRequest data preceding ServiceOrderResponse data

# Proposed Procedure Change

- [104.6 RoLR Obligations](#)

- **The RoLR must:**

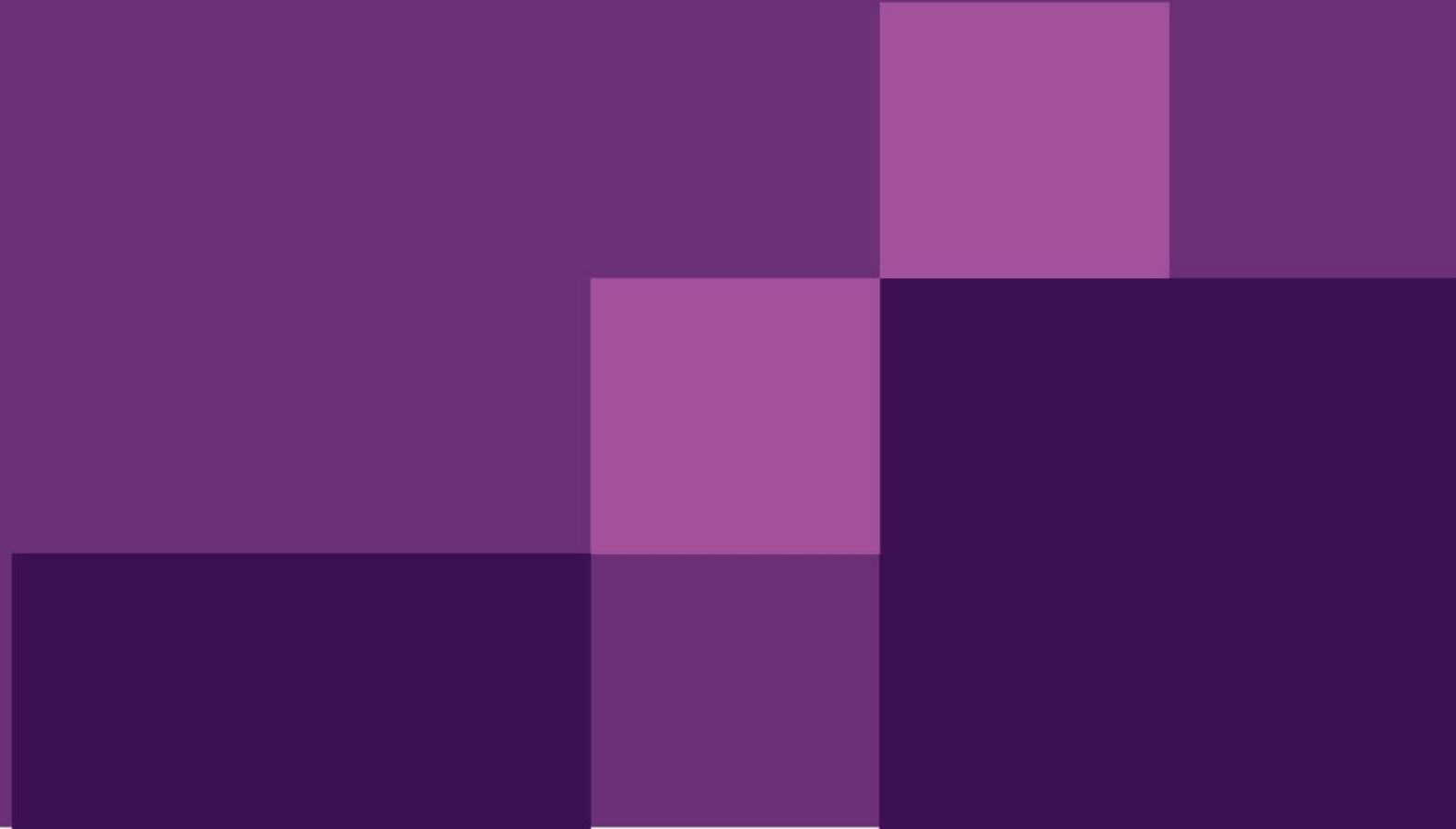
- (a) After receiving a list of *Service Orders* that are still not finalised from the Suspended Retailer provided in compliance with clause 104.3 [b\)](#) or a list of *Service Orders* that were finalised with a *ServiceOrderStatus* of “Not Completed” from the *LNSP, MC, MP, MDP* and other relevant participants as a consequence of clause 104.4 [d\)](#) or clause 104.4 g) [or clause 104.5 d\)](#), do the following where necessary:
  - (i) If the service is still required, initiate a new *Service Order* with the *LNSP, MC, MP, MDP* and other relevant participants to have the service undertaken.
- (b) After receiving any lists of *Service Orders* that were finalised with a *ServiceOrderStatus* of “Partially Completed” from the Suspended Retailer in compliance with clause 104.3 [c\)](#) or the *LNSP, MC, MP, MDP* and other relevant participants in compliance with clause 104.4 f) [or clause 104.5 d\)](#), do the following where necessary:
  - (i) If the service is still required, initiate a new *Service Order* with the *LNSP, [MC, MP, MDP](#)* to have the service undertaken.
- (c) Be responsible for any charges passed on by the *LNSP, MC, MP, MDP* and any other relevant participants under use of system agreements or contracts, for providing any services it has requested from *LNSP, MC, MP, MDP* and any other relevant participants for any *NMIs* transferred to it as a consequence of the RoLR Event.

# Notes

- Dino Ou (Intellihub) provided an update regarding Industry discussions associated to the RoLR Review, and presented a proposed ICF for member consideration and feedback
  - The B2B-WG noted:
    - The wording in the proposed updated Clauses (a) (i) and (b) (i) should reflect the relevant participant, as the new service order will not be raised with all parties
    - Jurisdictional safety requirement limitations should also be included in the ICF
    - Commercial agreements cannot override regulatory obligations or safety obligations
- **Action:**
  - **B2B-WG to provide feedback on the proposed RoLR ICF raised by Intellihub**
- More generally, Helen Vassos (PLUS ES) reiterated the previously agreed position that proposed changes to the NEM RoLR Procedure should be done concurrently i.e. proposed changes to Part A and Part B of the Procedure should be consulted on at the same time



# Nov Face-to-Face Meeting Prep



# Nov Face-to-Face Meeting Prep

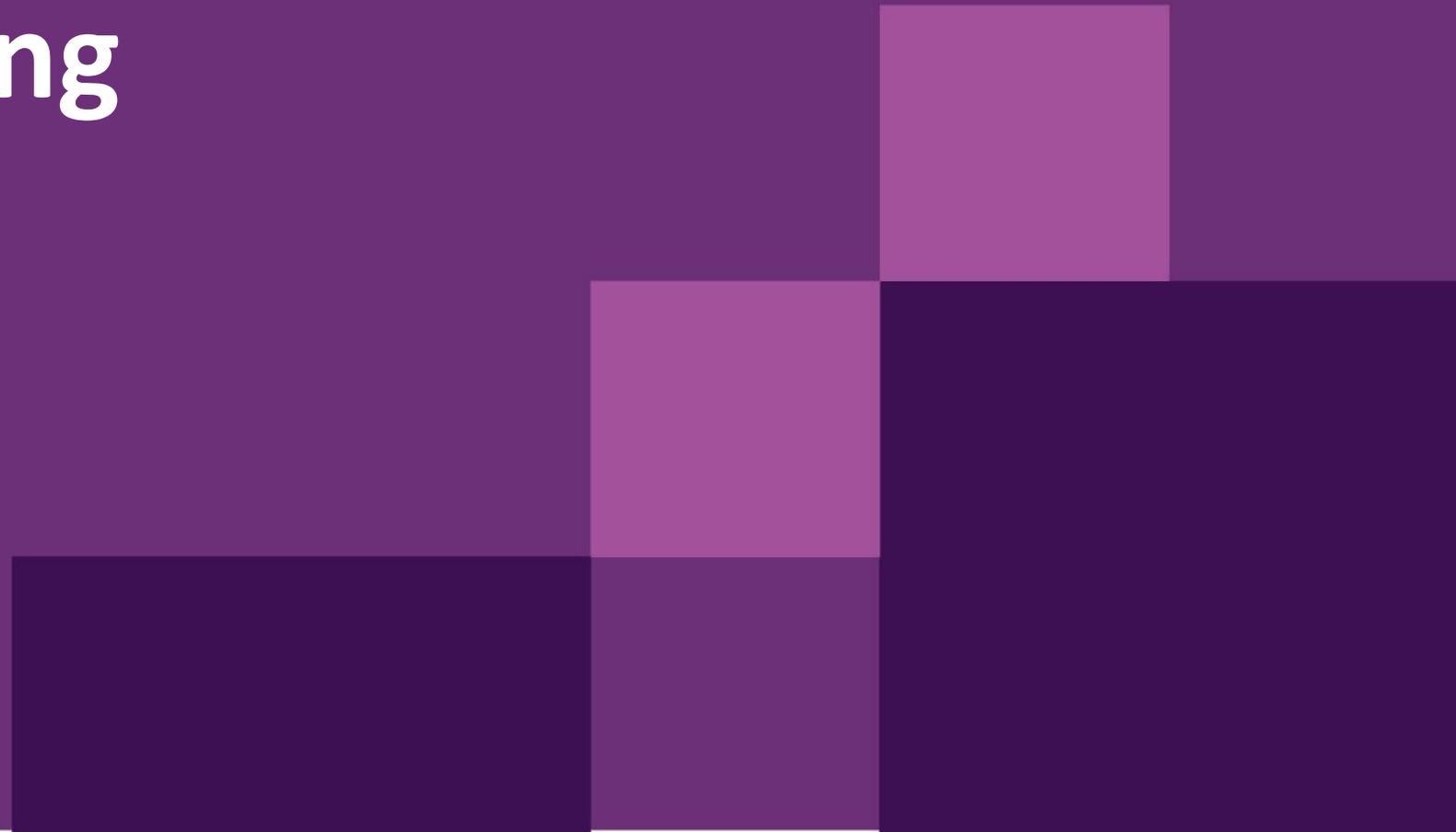
- Proposed Timings (Melbourne time)
  - Tuesday 28 Nov 2023
    - Proposed Start time: 9am
    - Proposed Stop time: 4pm
  - Wed 29 Nov 2023
    - Proposed Start time: 9am
    - Proposed Stop time: 1-2pm
- Location
  - Level 22, 530 Collins Street
- Need to confirm IEC meeting content and speaker(s)
  - The year that was (2023) and the year it will be (2024)
- Proposed B2B agenda items
  - Standing agenda items \*
  - MSR WG Update, RoLR Review update, B2B Guide Improvement Review Update
  - ‘What’s on the B2B horizon?’
  - 2024 IEC Meeting Roster
  - Proposed 2024 meeting cadence, timings and approach (face-to-face vs virtual)

# Notes

- Blaine Miner (AEMO) spoke to the November face-to-face meeting timings and proposed agenda
- The B2B-WG confirmed the timings and agenda for the November face-to-face meeting
- **Action:**
  - **AEMO to update the November face-to-face meeting invitation to reflect the 28-29 Nov, and ensure the dates are published to AEMO's 'Industry meetings calendar'**



# Unlocking CER benefits through Flexible Trading



# Overview

- The Australian Energy Market Commission (AEMC) has published a Directions Paper that sets out the Commission's initial views and positions for unlocking CER benefits through flexible trading rule change. This rule change is seeking to improve flexibility and trading of consumers' energy resources (CER) to unlock value for consumers and to facilitate better integration of flexible CER into the power system to deliver a more reliable and secure energy system that would benefit all consumers.
- The Directions Paper builds on and responds to stakeholder input to the consultation paper published in December 2022.
- The rule change forms one of the many CER implementation reforms to achieve successful CER integration in the NEM.
- The Commission has split the rule change into three core areas:
  - Optimising the value of CER flexibility: Opportunities for separately identifying and managing flexible CER.
  - Flexible trading of CER with multiple energy service providers at residential and/or commercial premises.
  - Opportunities to improve how energy use is measured for street lighting and other street furniture (such as park BBQs).

# AEMO's rule change request

- AEMO has:
  - put forward a rule change request that proposes a specific model (with a high level design) that seeks to enable consumers and the market to separate their flexible CER from their inflexible/passive loads (i.e., lights, fridges) and have them managed and recognised in the wholesale energy market settlements if they choose to.
  - proposed the rule change request as it considers the current national electricity rules (NER) and in particular, the metering arrangements, do not support consumers to easily access products and services which maximise the value of their CER uptake.
  - highlight that the separate metering of CER - separate from inflexible or passive load (e.g., lights, fridges etc) - is a means to unlock more CER value for consumers and the market.
- The proposed rule change request builds on the work and recommendations from the final advice of the Energy Security Board's (ESB) post-2025 market design.

# AEMC Criteria

- The AEMC outlined the following six criteria:
  - Outcomes for consumers
  - Technical feasibility and impacts on safety, security, and reliability
  - Principles of market efficiency, in particular, competition
  - Increases to innovation and flexibility
  - Implementation requirements and functions and associated costs
  - Decarbonisation
- Energeia has been engaged by the AEMC to assess the costs and benefits of increased integration of CER flexibility - both to consumers and the system.
  - Energeia's analysis will involve three key steps:
    - Developing a methodology to model the whole of system benefits different types of load flexibility, focusing on CER connected to the low-voltage network.
    - Developing case studies to show how the benefits of CER will flow to customers with CER, customers without CER, and energy market service providers (including retailers, networks, and aggregators).
    - Forecasting the growth of flexible loads to 2050 to show the long-term benefits of optimising the value of CER flexibility.

# Interaction with other CER implementation plan reforms

- There are a number of key reforms being progressed that are relevant to or intersect with this rule change:
  - Integrating price-responsive resources into the NEM
  - AEMC metering review
  - AEMC Review into CER Technical Standards
  - Former ESB customer collaboration work
  - Interoperability
  - Data work program
  - Dynamic Operating Envelopes (DOEs)
  - NECF
- Additional information about these items can be found in section 2.4.1 on the AEMC's Directions Paper
  - <https://www.aemc.gov.au/sites/default/files/2023-08/ERC0346%20CER%20Benefits%20Directions%20paper%20-%20rule%20change.pdf>

# AEMC Indicative Timings

**Table 1.1:** Indicative timing for the rule change and points for stakeholder engagement

<b>STAGE</b>	<b>TIMELINE</b>
Commission publishes directions paper	3 August 2023
Stakeholder submissions due	14 September 2023 (6 week consultation period)
Stakeholder forums and workshops	September and October 2023
The Commission publishes a draft determination and may publish a draft rule	December 2023
Stakeholder submissions due	Mid January 2024
The Commission publishes a final determination and final rule (if any)	March/April 2024
Approximate implementation date, following implementation work by other bodies	Estimated Q3 2025

# Items of Interest

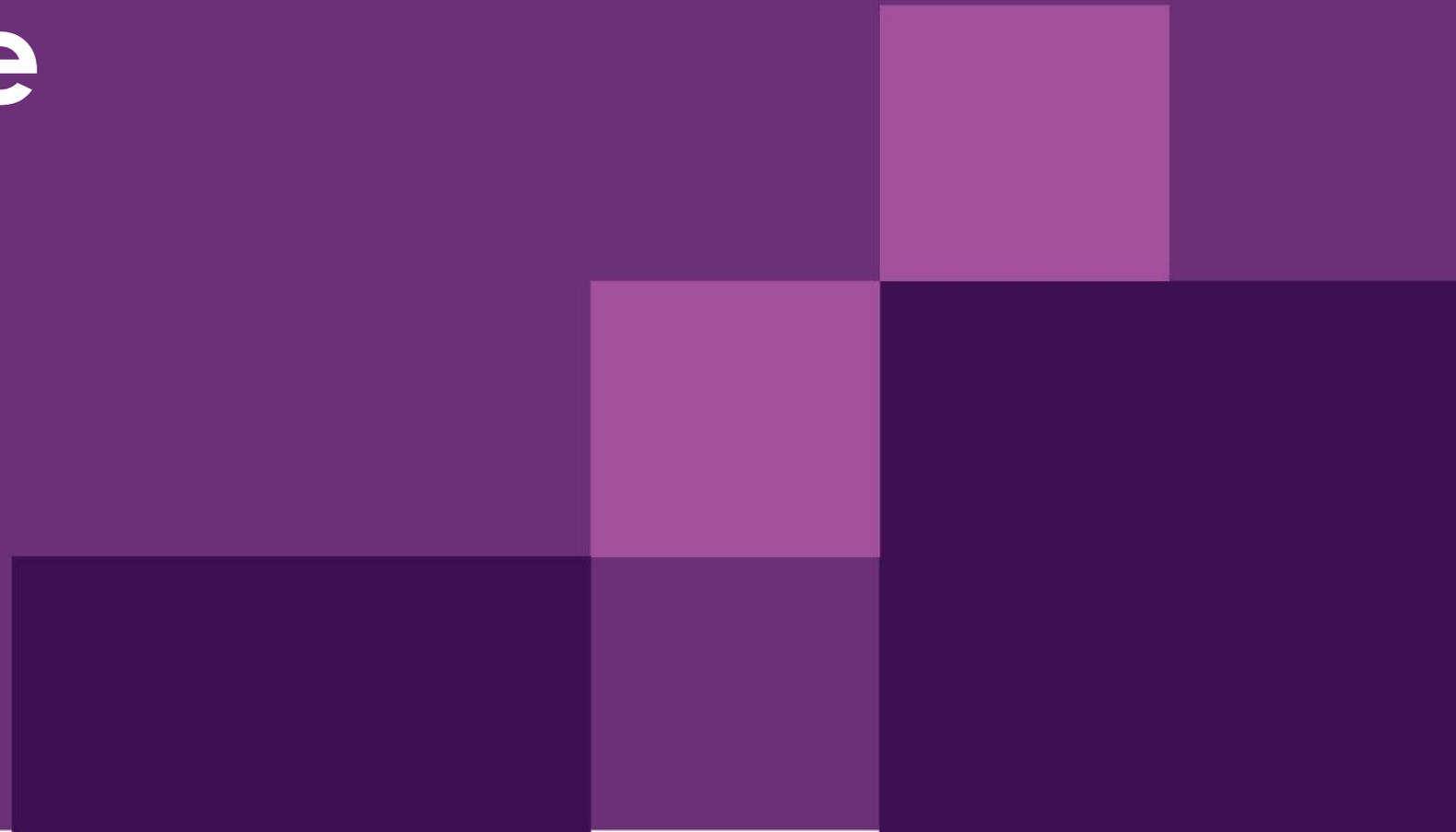
- AEMC to further investigate a second settlement point at a single connection point to enable flexible CER
- AEMC to progress options for Flexible Trading for large customers only
- AEMC sees benefits for minor energy flow metering (street lighting)

# Notes

- Agenda item deferred to next months' meeting due to time constraints



# B2M Update



# B2M Update

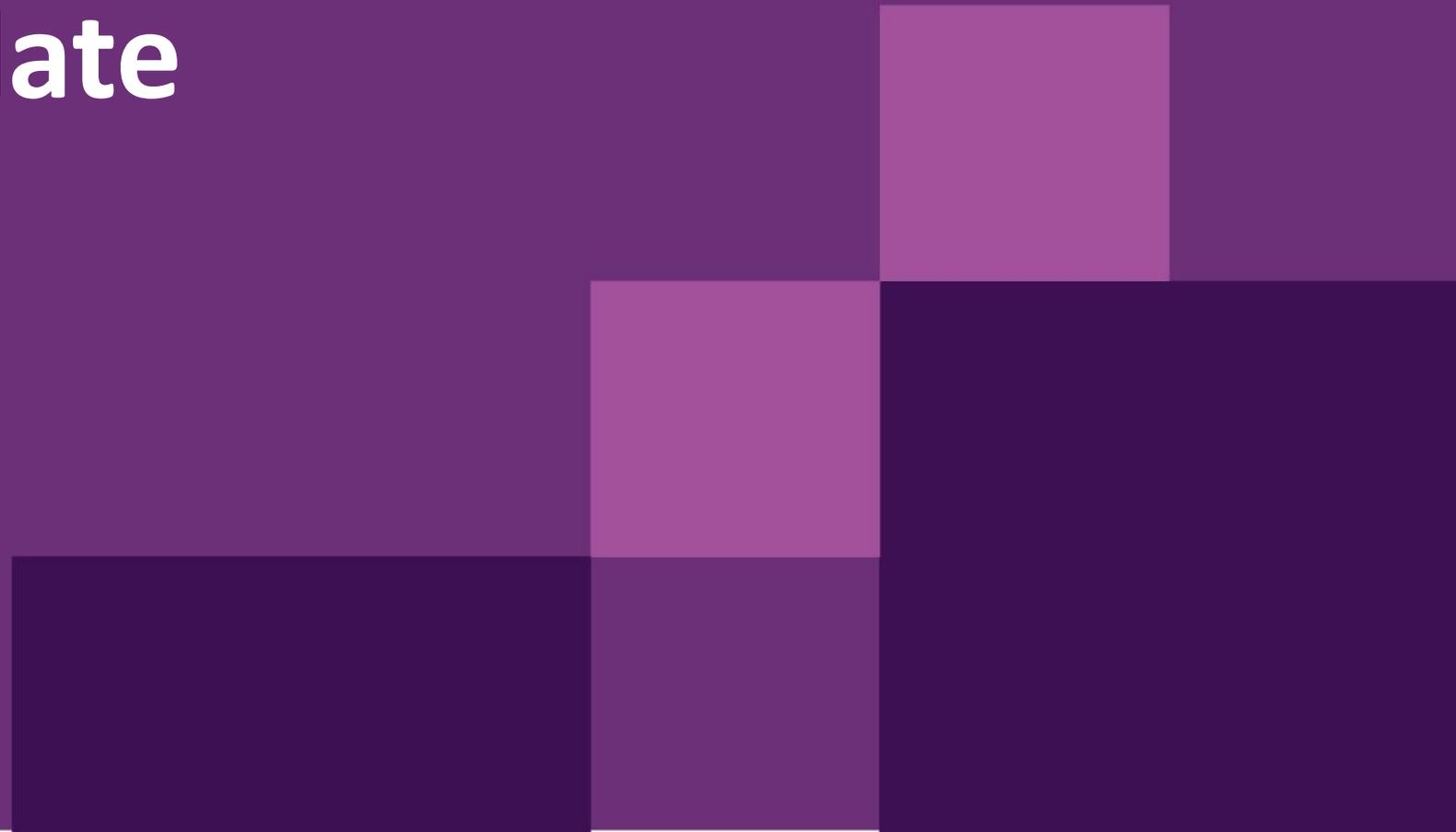
(Provided for B2BWG visibility, questions and consideration)

Forum/Consultation	Description	Update
ERCF	<ul style="list-style-type: none"> <li>Primary B2M change channel where interested parties can collaboratively participate in the enhancement of the Retail Electricity Market Procedures Framework</li> </ul>	<ul style="list-style-type: none"> <li>14 Open ICFs (refer to the Appendix further details)</li> </ul>
Integrated Energy Storage Systems (IESS)	<ul style="list-style-type: none"> <li>The Commission's final rule makes a number of changes that better integrate storage into the NEM, including a new registration category, the Integrated Resource Provider (IRP), that allows storage and hybrids to register and participate in a single registration category rather than under two different categories.</li> <li>Includes ICFs - 059 and 070</li> </ul>	<ul style="list-style-type: none"> <li>Final Determination published Monday 18 September 2023</li> </ul>
Metering Installation Exemption Automation	<ul style="list-style-type: none"> <li>Update or remove content from the Metering Exemptions Procedures to account for the new exemption automation</li> </ul>	<ul style="list-style-type: none"> <li>Final Determination published Wednesday 27 September 2023</li> </ul>
'July REMP' Consultation	<ul style="list-style-type: none"> <li>Scope includes:               <ul style="list-style-type: none"> <li>ICF_072 - New Net System Load Profile (NSLP) Longer-term Methodology</li> <li>ICF_054 - Substitution Types review</li> <li>ICF_073 - Summation Metering Changes</li> <li>Metering Coordinator access to NMI Standing</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Responses due to the Draft Determination by Friday 3 November 2023</li> </ul>
October Consolidation	<ul style="list-style-type: none"> <li>MDM Procedures version history consolidation</li> </ul>	<ul style="list-style-type: none"> <li>Consultation completed Thursday 28 September 2023</li> </ul>
November Consolidation	<ul style="list-style-type: none"> <li>CATS, WiGS and Standing Data for MSATS</li> </ul>	<ul style="list-style-type: none"> <li>Responses due by Thursday 12 October 2023</li> </ul>

# Notes

- Agenda item taken as read, not discussed at the meeting

# MSR WG Update



# MSR WG Update

- First meeting of the Metering Services Review Working Group occurred on Friday 6 October 2023
- WG Purpose:
  - To enable effective and efficient consultation between AEMO and market participants on the development of and changes to Business to Market (B2M), Business to Business (B2B) systems and relevant market procedures associated to the AEMC’s Review of the regulatory framework for metering services.
- Key areas of discussion:
  - Rule change has proposed a fast-tracked rule change (one round of consultation) process
  - Working Group discussed the compressed timelines and go-live for June 2025 which will be a challenge for participants
  - General agreement for the Working Group to review LMRP, Defects and Shared Isolation as the key areas of focus for this year. The Working Group to also examine if other areas of B2M or B2B not identified as part of the face-to-face meetings should be reviewed
  - Other areas identified as part of the Final Report (Testing and Inspection, Exemptions and Power Quality Data) to be discussed next year
- Upcoming Workshop dates:
  - 1-3 November, Melbourne:
    - Preliminary determination of which AEMC recommendations may impact B2M or B2B procedures and/or systems, LMRP and Defects
  - 23-24 November, Melbourne
    - One in all in

Name	Organisation	Market Sector
Justin Stute	AEMO	Market Operator
Noura Elhawary	AEMO	Market Operator
Lou Webb	AEMO	Market Operator
Jackie Krizmanic	AEMO	Market Operator
David Ripper	AEMO	Market Operator
Lee Brown	AEMO	Market Operator
Simon Tu	AEMO	Market Operator
Blaine Miner	AEMO	Market Operator
Robert Lo Giudice	Alinta Energy	Retailer
Aakash Sembey	Origin	Retailer
Mark Riley	AGL	Retailer
Sean Jennings	Red and Lumo	Retailer
Jo Sullivan	EA	Retailer
Adrian Honey	TasNetworks	Distributor
Graeme Ferguson	Essential Energy	Distributor
David Woods	SAPN	Distributor
Wayne Turner	Ausgrid	Distributor
Justin Betlehem	AusnetNet	Distributor
Robert Mitchell	EQL	Distributor
Jeff Roberts	Evo Energy	Distributor
TBC	Endeavour	Distributor
Wayne Farrell	Yurika	Metering
Helen Vassos	PlusES	Metering
Dino Ou	Intellihub	Metering
Paul Greenwood	Vector Metering	Metering

# Notes

- Agenda item taken as read, not discussed at the meeting



# B2B Guide Improvement Review Update

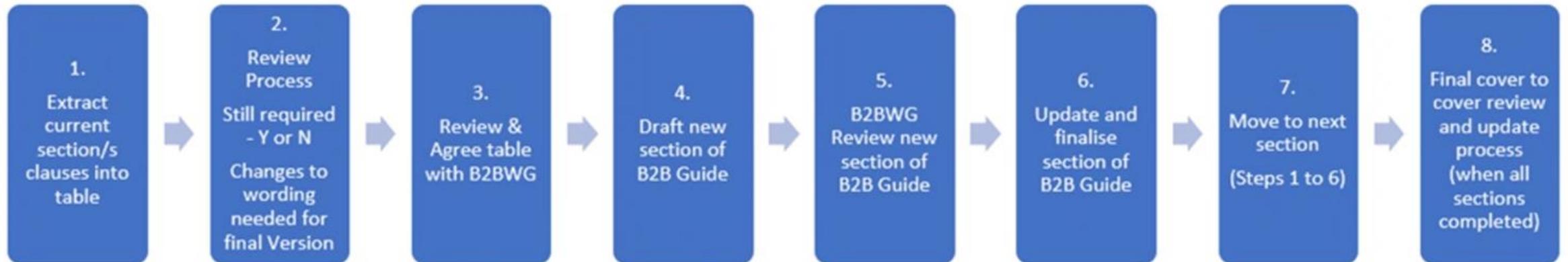
David Woods (SAPN)

Mark Riley (AGL)

Paul Greenwood (Vector Metering)

# B2B Guide improvement review update

## B2B Guide Update Process



# B2B Guide improvement review update

- Survey feedback, noting the small sample size received
  - All responses indicated there was adequate information in the B2B Guide
  - Most of the responses indicate need for improvement to formatting of the B2B Guide
  - Most of the responses indicate need for improvement to structure of the B2B Guide
  - Responses to questions 5, 6 and 7 indicated that although 85% respondents find the guide easy to use, nearly 80% have indicated that improvement is required
    - Provide context
    - Remove replicated / outdated content
    - Review relevance of the content
    - Provide link between procedure and guide
- Update approach
  - Incremental
  - Remove redundant information
  - Consistent and appropriate level of detail
  - Referencing sources of truth where applicable
  - Minimise ongoing update effort

# Proposed Approach

- B2B guide to be reviewed by RB, DB and MC reps
- Assessment of information to keep, consolidate or delete
- Consider layout of new document
- B2B WG to review proposed changes
- Consolidate position on proposed changes
- Draft initial components of new document for review and acceptance
- Draft new document
- Publish new document

# Notes

- Agenda item taken as read, not discussed at the meeting
- Noting that recommended changes to the B2B Guide had been circulated by Mark Riley (AGL) for member feedback on 9 Oct
- **Action:**
  - **Members to provide feedback on the recommended changes to the B2B Guide**



# ‘What’s on the B2B horizon?’



# ‘What’s coming on the horizon’

Topic	Timing	Next Milestone	Comments
NEM RoLR Processes (Part B) Procedure Changes	Immediate	Final Report (18 September)	<ul style="list-style-type: none"> <li>Final Report published 18 September 2023</li> </ul>
IDX (Information Data Exchange)	Immediate	Conclusions and Business Case	<ul style="list-style-type: none"> <li>Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)</li> </ul>
IDAM (Identity and Access Mgt)	Immediate	Conclusions and Business Case	<ul style="list-style-type: none"> <li>Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)</li> </ul>
Portal Consolidation (PC)	Immediate	Conclusions and Business Case	<ul style="list-style-type: none"> <li>Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)</li> </ul>
Review of the regulatory framework for metering services	Immediate	AEMC Final Report published	<ul style="list-style-type: none"> <li>MSR-WG established</li> <li>Other indicative timings:                             <ul style="list-style-type: none"> <li>Final Rules Q3 2024</li> <li>Rule implementation <b>mid to late 2025</b></li> </ul> </li> </ul> <p><a href="https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services">https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services</a></p>
Unlocking CER benefits through Flexible Trading	Short/Medium term	AEMC Consultation in progress	<ul style="list-style-type: none"> <li>Directions paper published by the AEMC 3 August 2023                             <ul style="list-style-type: none"> <li>AEMC to further investigate a second settlement point at a single connection point to enable flexible CER</li> <li>AEMC to progress options for Flexible Trading for large customers only</li> <li>AEMC sees benefits for minor energy flow metering (street lighting)</li> </ul> </li> <li>Indicative Consultation Timings:                             <ul style="list-style-type: none"> <li>Submissions to directions paper due 16 Sept 2023</li> <li><b>Stakeholder engagement forums and workshops</b> September/October 2023</li> <li>Draft determination or draft rule December 2023</li> <li>Stakeholder submissions due mid-January 2024</li> <li>Final determination or final rule March/April 2024</li> </ul> </li> <li><b>Approximate implementation date Q3 2025</b></li> </ul>
Potential Life Support Rule Change	Short/Medium term	Stakeholder sessions occurring this month	<ul style="list-style-type: none"> <li>Energy Sector (10 Oct), Consumer and patient (19 Oct) and Medical professionals (24 Oct)</li> <li><a href="#">#BetterTogether Life Support Customers Initiative - The Energy Charter</a></li> </ul>
Electric Vehicle Supply Equipment Standing Data	Medium/Longer term	<p>Current Reform Status –                      ‘Rules Development’ Q1 to Q4 2024                      (As per V3 of the NEM Reform Roadmap)</p>	<ul style="list-style-type: none"> <li>The ESB is seeking stakeholder feedback on the rationale and options for capturing ‘standing data’ for new EVSE installations presented within the consultation paper.</li> <li>Ensure that agencies and market participants have sufficient visibility of emerging electric vehicle supply equipment (EVSE) for effective planning and management of the system</li> </ul>

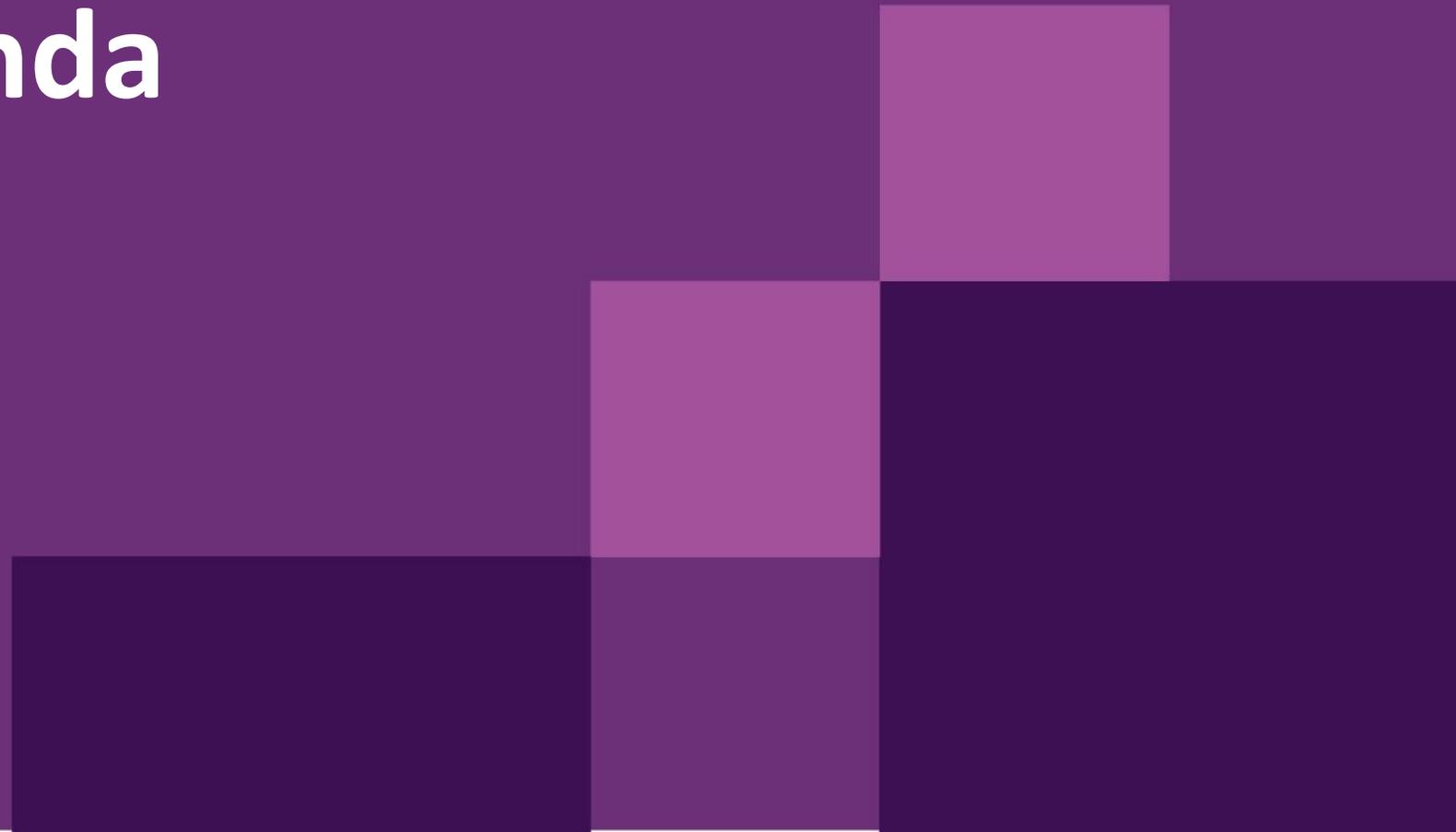
Topic	2023	2024				2025			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>IDX/IDAM/PC</b>									
Business Case and Conclusions									
<b>RoLR Review Changes</b>									
Initial IEC engagement									
IEC Change Pack engagement									
IEC Consultation									
Proposed Implementation (TBD)									
<b>Metering Services Review</b>									
AEMC Rule Change Consultation									
Initial IEC engagement									
IEC Change Pack engagement									
Formal Consultation									
System and Process Development, testing and release									
Proposed Implementation									
<b>Flexible Trading</b>									
AEMC Rule Change Consultation									
Initial IEC engagement									
IEC Change Pack engagement									
IEC Consultation									
System and Process Development, testing and release									
Proposed Implementation									
<b>Life Support Rule Change (TBC)</b>									
<b>Electric Vehicle Supply Equipment Standing Data (TBC)</b>									

- Initial IEC engagement
- IEC Change Pack engagement
- IEC Consultation
- System and Process Development, testing and release
- Proposed Implementation

# Notes

- Agenda item taken as read, noting the inclusion of an initial 'milestones' view into the pack
- Action:
  - Members to provide feedback on any preferred formats and/or level of detail provided in the 'milestones' view of the 'What's on the B2B horizon' agenda item

# Forward Agenda



# Forward Agenda

Month	Proposed Agenda	Meeting Type
November (Thurs 9)	<ul style="list-style-type: none"> <li>- Standing agenda items *</li> <li>- Nov face-to-face meeting prep</li> <li>- Flexible Trading</li> <li>- Changes to VIC Licencing</li> <li>- RoLR Review update</li> <li>- MSR WG Update</li> <li>- B2B Guide improvement review update</li> </ul>	Virtual
November (Tues 28 to Wed 29)	<ul style="list-style-type: none"> <li>- Standing agenda items *</li> <li>- IEC engagement                             <ul style="list-style-type: none"> <li>- The year in review</li> <li>- The year ahead</li> </ul> </li> <li>- B2B WG meeting                             <ul style="list-style-type: none"> <li>- Potential Life support rule change B2B impacts?</li> <li>- RoLR Review update</li> <li>- MSR WG Update</li> <li>- B2B Guide improvement review update</li> <li>- 2024 IEC Meeting Roster</li> <li>- Proposed 2024 meeting cadence, timings and approach (face-to-face vs virtual)</li> </ul> </li> </ul>	Face-to-face (Melbourne) Tues 28 Nov (B2B) / Wed 29 (B2B and IEC)
<p><b>No meeting planned for December</b></p>		

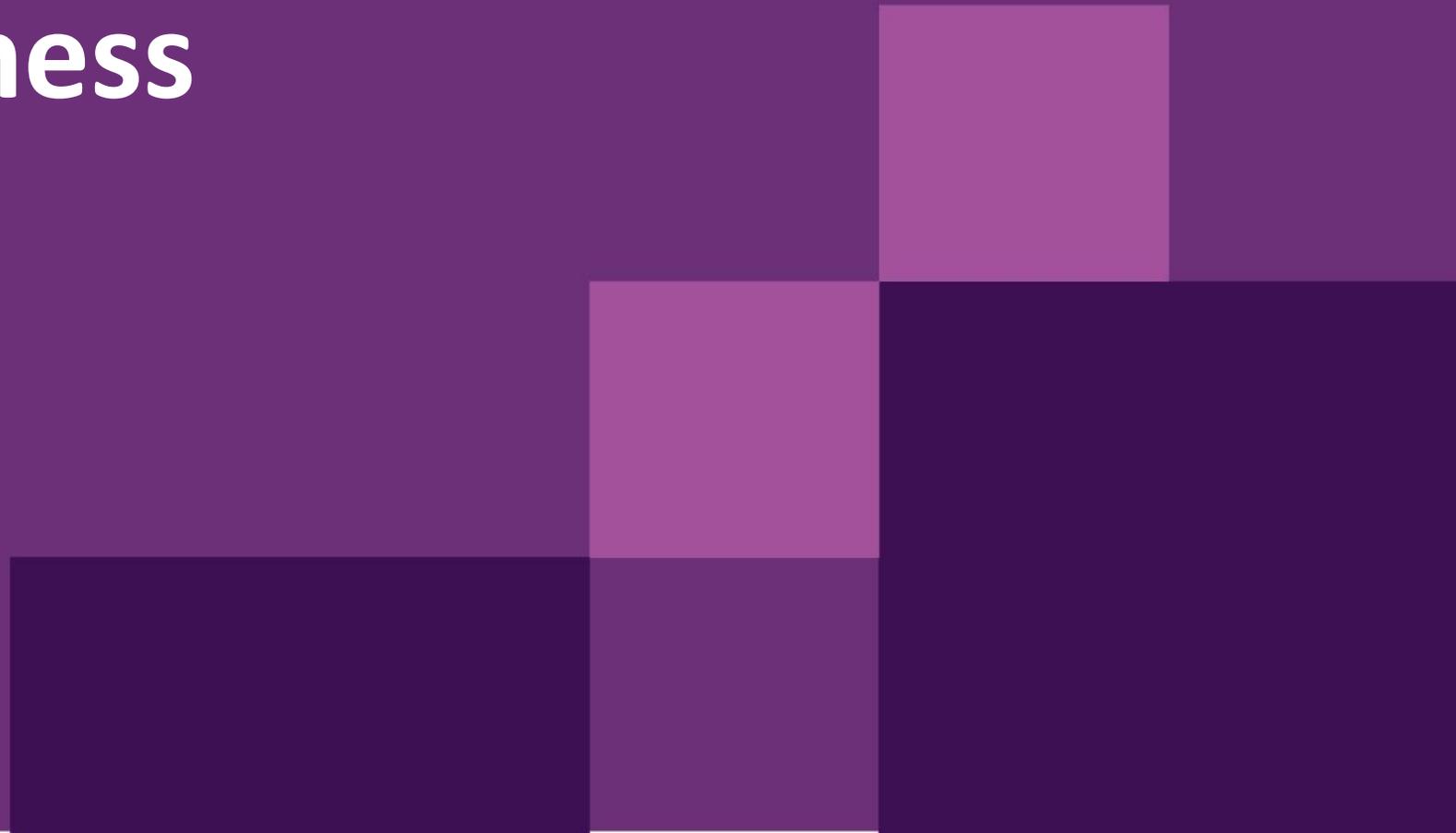
\* Standing agenda items include: Action Log, B2M Update, ICF Register Update, 'What's on the B2B horizon?'

# Notes

- No additional changes to the Forward Agenda were proposed



# General Business



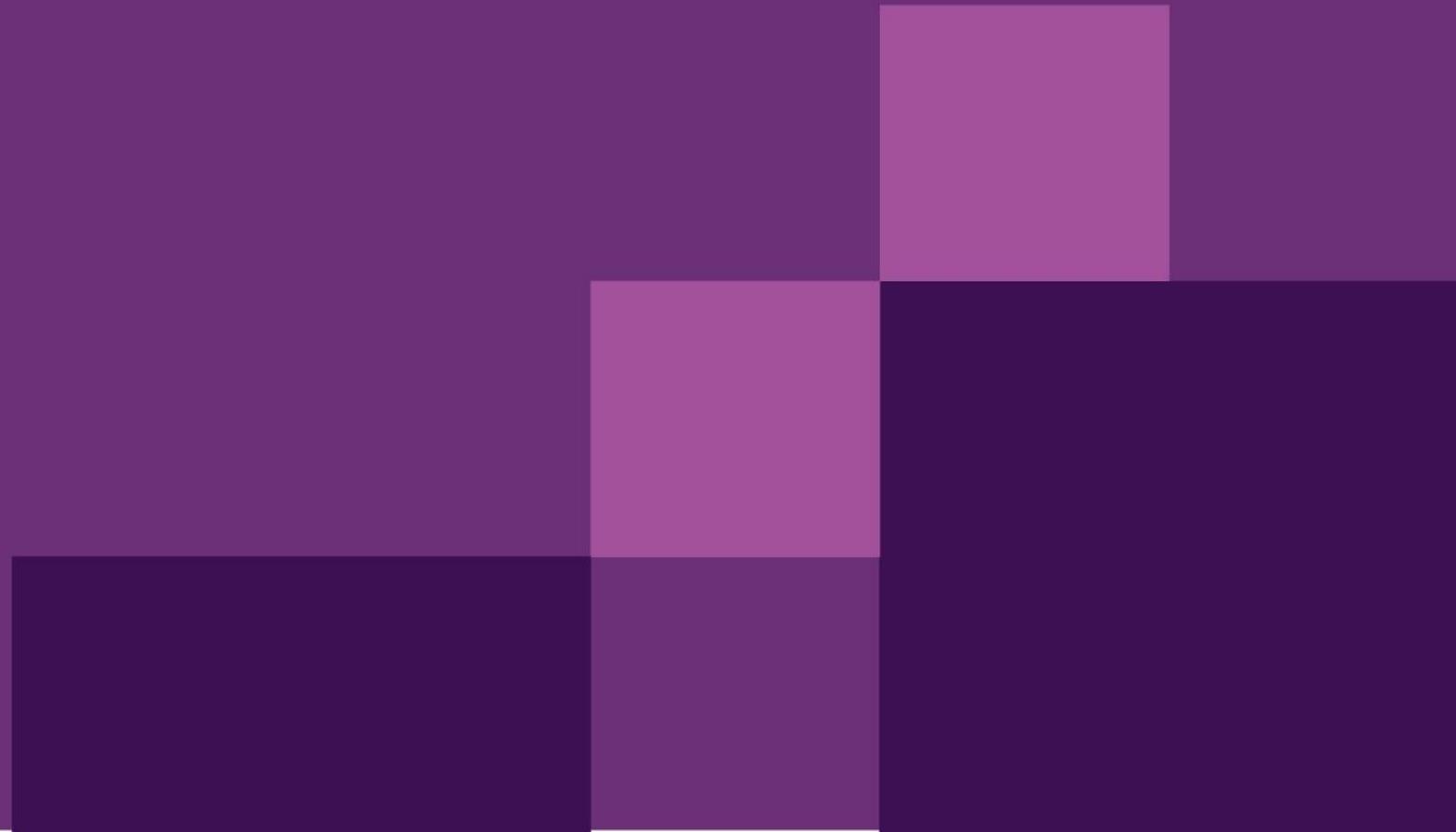
# Other Business

- Next meeting scheduled for Thursday 9 November (Virtual)
- Any other business items?

# Notes

- The working group agreed that the scheduled meeting for Thursday 9 November (Virtual) should proceed

# Appendix



# IEC Meeting Roster

IEC Meeting	Sector	B2B Rep	Comments
21 Feb 2023	Retail	Aakash Sembey (Origin Energy)	• Key matter: Expedited NEM RoLR Processes (Part B) Procedure Changes
9 June 2023	All sectors	All members	• IEC has Requested for the B2B WG to present the B2B WG's forward agenda/roadmap and discuss 1 or 2 items of particular interest
28 Aug 2023	Metering	Wayne Farrell (Yurika)	• Key matters: MSR, IESS
27 Nov 2023	All sectors	All members	• IEC has requested for the B2B WG to attend the IEC's face-to-face meeting, location and exact timings TBC

- Notes:
  - Roster exists to ensure equal opportunity to attend
  - Where the IEC agenda is focused on a particular Industry segment, amendments to the roster may occur

Sector	B2B WG Rep	Organisation	IEC Meeting
Retail	Mark Riley	AGL	Dec 2022
	Aakash Sembey	Origin	Feb 2023
	Sean Jennings	Red/Lumo	
	Robert Lo Giudice	Alinta	IEC member
	Jo Sullivan	EA	
Metering	Dino Ou	Intellihub	
	Helen Vassos	PLUS ES	
	Paul Greenwood	Vector	IEC member
	Wayne Farrell	Yurika	
Network	Justin Betlehem	AusNet	
	Graeme Ferguson	Essential	
	Robert Mitchell	EQL	
	David Woods	SAPN	
	Adrian Honey	TasNetworks	

# ICF Register Update

## (Pending)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
ADWNAN Reporting changes	Assignment of Interval ADWNANs to MDP in AEMO Performance Reports	Jane Hutson (EQL)	017	No	
Clarification of End Date in Inventory Table	Some MDPs are using NCONUML Inventory Table End Date to identify when the metering data is last calculated, updating it each month. Proposal is to clarify the end-date be when there is a change to consumption or abolishment. If not, the End Date should be reflected as 31.12.9999.	Mark Riley (AGL)	056	Yes	On hold, pending discussions at the B2B WG
Reviewing and updating file examples in the MDFF Specification document.	The MDFF document includes example files. Some of these files have not been updated to incorporate changes in the industry including 5MS and Global Settlements. AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.	AEMO	067	No	Consultation timings TBD
Magnitude of generation and consumption at a NMI MSATS fields	Participants cannot easily identify and determine the magnitude of export/consumption and import/generation as part of their onboarding processes.	Mark Riley (AGL)	076	No	AEMO assessment in progress
Auto population of the LCCD based on NMI status	Auto population of the LCCD field by AEMO when the NMI Status gets updated from 'Greenfield' to 'Active'	Mark Riley (AGL)	077	No	AEMO assessment in progress

# ICF Register Update

## (Under Consultation – July 2023 REMP Consultation)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
Substitution Type Review	The review requires consideration for new substitution rules to be implemented for interval metering data to replicate substitution rules derived from Manually Read Interval Meters and Accumulative Meters.	Mark Leschke (Yurika)	054	Yes	Responses due to the Draft Determination by Friday 3 November 2023
NSLP Longer-term Methodology	Following the introduction of 5MS, participants have witnessed peculiar ‘spikes’ in settlement volumes. These spikes are a consequence of using the methodology outlined in AEMO’s Metrology Procedures Part B.	AEMO	072	Yes	Responses due to the Draft Determination by Friday 3 November 2023
Metrology Part A – Summation Metering Changes	<p>The proposal is to update clause 5 of Metrology Part A to clarify what is acceptable to support legacy summation metering arrangements and what will be acceptable going forward for new metering installation summation arrangements.</p> <p>The revised clause 5 proposed to allow three types of summation arrangements, which are:</p> <ol style="list-style-type: none"> <li>1. HV breaker-and-a-half schemes</li> <li>2. HV single transformer fed by multiple parallel cables</li> <li>3. Cross boundary supply single transformer with multiple LV Circuits</li> </ol>	Dominik Ziomek (AEMO)	073	No	Responses due to the Draft Determination by Friday 3 November 2023

# ICF Register Update

(Awaiting Effective Date/Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	Mark Riley (AGL)	060	New methodology effective from 1 October 2023.
New fields in MSATS defined by a naming convention that does not align with the procedural field name.	With the introduction of new fields into MSATS as part of the MSDR it has become known that AEMO may create the new fields in MSATS defined by a naming convention that does not align with the procedural field name. The AEMO defined the field name may be based on their database name and participants are then required to create a mapping table within their systems to associate this name with the procedural field name that is defined in the Standing Data for MSATS document.	Adrian Honey (TasNetworks)	069	New C1 'TF_DATA_ELEMENT_MAPPING' report expected to be implemented between 30 May and Nov 2023
Review of NMI Classifications	Amend the Customer Threshold Codes table in CATS to reflect the relevant regulatory instruments in a footnote.	Mark Riley (AGL)	059	Effective from 1 November 2023
Update to allow MDPs to receive REJ notifications on CRs 5050 & 5051	Updates to: <ul style="list-style-type: none"> <li>Section 2.2 and Table 12-H of the CATS Procedure</li> <li>Table 7-F of the WIGS Procedure</li> </ul>	Jackie Krizmanic (AEMO)	074	Effective from 1 November 2023

# ICF Register Update

(Awaiting Effective Date/Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Updated wording re CATS LCCD Current FRMP Obligations	Update to Current FRMP LCCD Obligations in Section 2.2 of the CATS Procedure in order to make it clear when (and by whom) the LCCD field should be updated.	Chris Murphy (Telstra)	075	Effective from 1 November 2023
Increase 'Building Name' Field Length in MSATS	MSATS to be updated to align to the Procedure and Australian Standards i.e. xsd:string maxLen = 30 x 2 therefore allowing for 60 characters in MSATS.	Wayne Turner (Ausgrid)	070	Effective from 1 November 2024



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