

# B2B Working Group

28 to 29 November 2023

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



# 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	B010/23 - Extreme Weather Event
5	ICF Register
6	RoLR Review update
7	IEC Final Prep
8	Unlocking CER benefits through Flexible Trading
9	B2M Update
10	MSR WG Update
11	B2B Guide Improvement Review Update
12	2024 Items/Housekeeping
13	'What's on the B2B horizon?'
14	Forward Agenda
15	General Business
	Appendix: ICF Gate Process, IEC Meeting Roster, ERCF ICF Details



# Actions Log

Blaine Miner (AEMO)

# Pre-9 November Meeting Actions

Action	Topic	Description	Status	Responsible	Comments
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	Mark to draft this ICFs by the Feb 2024 monthly meeting
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issue occurring, costs to AGL managing this issue today, the impact if the ICF doesn't proceed	Closed	Mark Riley	ICF withdrawn by Mark via email on 15 November 2023
121023_05	ICF Register	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Enumeration) to ensure the issue is clearly articulated, as opposed to the proposed solution	Closed	Mark Riley	ICF withdrawn by Mark via email on 15 November 2023
121023_06	ICF Register	B2B-WG to assist additional quantification supporting the New Verify Meter Data Request Enumeration ICF (B012/23) to Mark Riley (AGL), where available	Closed	Mark Riley	ICF withdrawn by Mark via email on 15 November 2023
121023_09	B2B Guide Improvement Review Update	Members to provide feedback on the proposed changes to the B2B Guide	Open	B2B-WG	<ul style="list-style-type: none"> <li>Feedback requested by 8 Dec 2023</li> <li>Finalise proposed B2B Guide change marking at the Feb 2025 B2B-WG meeting</li> <li>Targeting IEC engagement at the Monday 11 March 2025 IEC meeting</li> <li>Recommended to run an independent 'publish for comment' process once endorsed by the IEC</li> </ul>

# 9 November Meeting Actions

Action	Topic	Description	Status	Responsible	Comments
091123_01	Actions Log	B2B-WG to consider preferred timings re B2B Guide consultation, prior to MSR formal consultation or post MSR formal consultation <ul style="list-style-type: none"> <li>• Prior – Allows for the Guide to be reviewed in ‘current state’</li> <li>• Post – would need to be reviewed for MSR impacts</li> </ul>	Open	B2B-WG	
091123_02	ICF Register	Mark Riley to populate the new ICF template for B005/22, B009/23 and B007/22 in Jan/Feb 2024, Mark to consider if B005/22 and B009/23 should be combined, as they relate to the same underlying issue	Open	Mark Riley	
091123_03	ICF Register	B010/23 - Extreme Weather Event to be added as an agenda item for the B2B face-to-face meeting on the 28-29 Nov 2023	Closed	AEMO	
091123_04	ICF Register	Dino to update ICF B014/23 to ensure LNSPs are not impacted by suggested Part B RoLR changes	Closed	Dino Ou	Closed. Updated ICF circulated to members.
091123_05	ICF Register	AEMO to confirm which party (AEMO and/or the IEC) would be conducted the NER NEM RoLR consultation	Closed	AEMO	AEMO Part A, IEC Part B
091123_06	RoLR Review Update	Gareth Morrah to provide additional transparency re the timing and outcomes of any required NEM RoLR Part A reviews	Closed	Gareth Morrah	To be provided in this meeting
091123_07	RoLR Review Update	Gareth Morrah to demonstrate how B2M, B2B and reporting reviews will be completed and consulted on	Closed	Gareth Morrah	To be provided in this meeting
091123_08	Nov Face-to-Face Meeting Prep	B2B-WG to provide final feedback re the proposed IEC presentation slides	Closed	B2B-WG	
091123_09	Nov Face-to-Face Meeting Prep	AEMO to request Gareth Morrah (AEMO) to attend the RoLR agenda item virtually at the Nov face-to-face meeting	Closed	Gareth Morrah	Gareth to attend virtually

# 9 November Meeting Actions

Action	Topic	Description	Status	Responsible	Comments
091123_10	Unlocking CER benefits through Flexible Trading	AEMO to include FTA into the Forward Plan to align with key AEMC deliverables e.g. March 2024 to consider the AEMC's Draft Report, etc.	Closed	AEMO	
091123_11	Unlocking CER benefits through Flexible Trading	AEMO to allocate time at the Nov face-to-face meeting to further discuss FTA timings, potential impact areas and key questions	Closed	AEMO	
091123_12	Unlocking CER benefits through Flexible Trading	AEMO to provide the B2B-WG an initial draft of the indicative FTA timelines	Closed	AEMO	Included in the 'What's on the B2B horizon?' Indicative timelines slide
091123_13	'What's on the B2B horizon?'	AEMO to add ICFs, into the 'What's coming on the horizon' timeline slide	Closed	AEMO	
091123_14	'What's on the B2B horizon?'	AEMO to include a comment on the 'What's coming on the horizon' timeline slide to call out AEMO's and Industry's preferred approach to implementing change (waterfall)	Closed	AEMO	

# Notes

- Blaine Miner (AEMO) spoke to the actions slides
- No further notes or actions were captured





# Proposed Changes to the IEC ICF Template

Blaine Miner (AEMO)

# Proposed Changes to the IEC ICF Template

- Is there any other final feedback regarding the proposed ICF Template?



# B010/23 - Extreme Weather Events

Mark Riley (AGL)

# Background

- Managing NMI status during some events is presently complicated and intensively manual for DBs and RBs, and fails to ensure that other participants (existing and incoming) are aware of the status of a NMI at a site;
- Management generally involves the DB and RB managing separate, manual lists outside MSATS; These lists are generally inconsistent, out of date, incorrect or not provided as or when needed;
- AGL considers that these types of events are now common enough that consistent market processes are needed;
- Historically some of this has been driven by expectation that site may be re-energised quickly or Retailer systems closing customer accounts

# Example network view on Extreme Weather

## Essential Energy

### Our expenditure

Over the 2019–24 regulatory period, our operating expenditure (opex) is expected to be around nine per cent above the allowance provided by the AER. This was largely because of the extraordinary series of events that occurred:

- > the Black Summer bushfires (2019–20) burnt more than three million hectares of land across our network footprint, damaging communities and destroying much of the electrical infrastructure. We needed to replace more than 3,200 poles and over 104,000 of our customers experienced long outages
- > major flooding events in 2021 and 2022 damaged more assets, particularly across the North Coast and large parts of the Central West – some of these areas were just recovering from bushfires and record rainfall has further impacted access to those areas to restore the network
- > COVID-19 also forced us to transition our workforce to work from home, increasing our spend on information and communications technology, and caused significant supply chain issues resulting in delays and higher costs.

## Endeavour Energy

### 4.6 Climate change and extreme weather events

Climate modelling suggests that, regardless of the global action taken to reduce carbon emissions in the coming years, extreme weather events will continue to increase in both frequency and intensity over the coming decades. The risk of bushfires increases as heatwaves become hotter and last longer, and our storms (including East Coast Lows) are expected to increase in frequency and intensity, resulting in more common storm damage and flash flooding.

Climate change events pose a risk to the reliability of the network. Endeavour Energy is experiencing increased impacts from:

- **Bushfires:** The 2019/20 bushfire season was the most devastating in NSW history, impacting 44% of Endeavour Energy's network supply area and causing significant damage to parts of the network at a cost of more than \$26.7 million and interrupting services to more than 55,500 across the network.
- **Heat Waves:** By 2030, NSW is expected to experience 10 more days in heatwave each year, with the yearly maximum intensity of heatwaves seeing an increase of ~5°C. As heatwaves become more common and more severe, the network will be threatened by asset deterioration and reduced system reliability, decreased system capacity and an increased load. With some of the warmest areas in NSW, our ability to reliably deliver electricity through these periods will be increasingly important for customers and reduces risk to life.
- **Storms and Floods:** Like bushfires and heatwaves, severe storms and their associated floods are on the rise and are expected to become a common threat to the network, particularly for non-submersible assets.

## Ausgrid

### 3.6.2 Building the resilience of our network to reduce climate and cyber risks

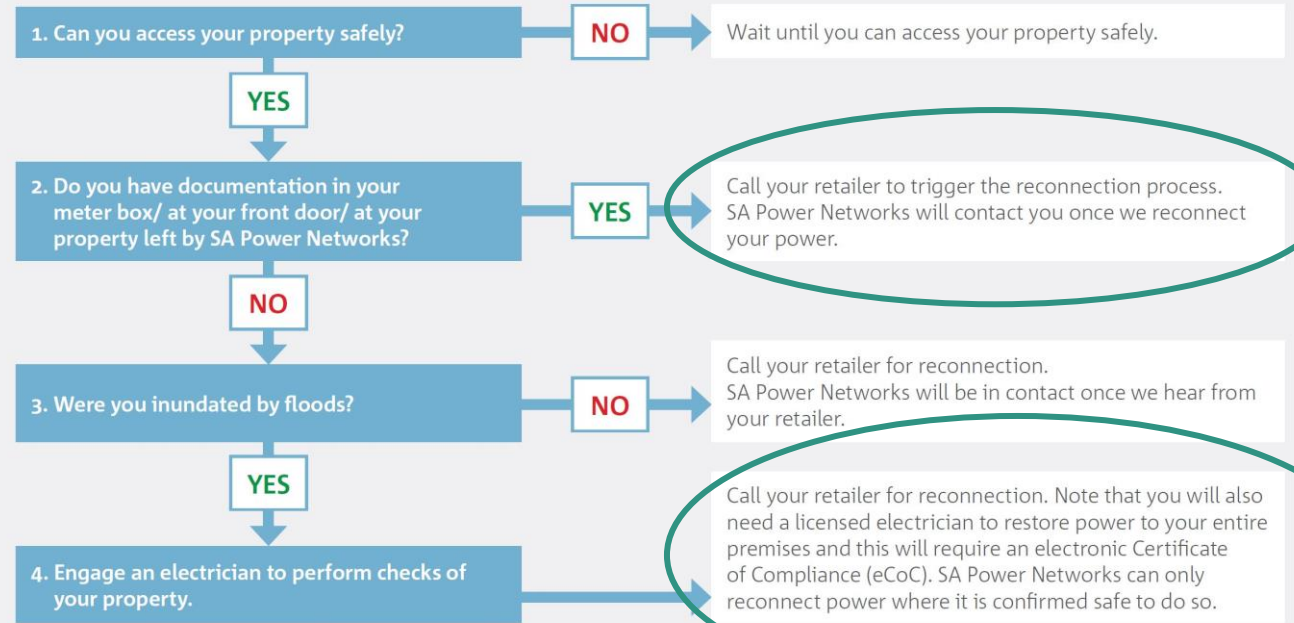
Managing the impacts of extreme weather events is a unanimous priority across our communities. Our customers and delivery partners told us they support the science on climate change and expect extreme weather events to continue becoming more frequent and intense. We heard that:

- Prolonged outages caused by these events cause major disruptions to the lives and livelihoods of impacted communities, and can have major implications for the safety of life support and other vulnerable customers. These potential impacts are becoming increasingly significant as electricity continues to power more and more aspects of our everyday lives;
- Customers consider the costs they bear during an outage as part of their overall evaluation of the cost of electricity;
- Customers in locations at most risk of climate change impacts should not experience materially worse reliability than others. They want us to prioritise building network and community resilience in these high-risk areas – and they want a say in how we do this;
- When outages do occur, customers want us to improve our emergency response. Information is crucial during outages and customers want us to do better in communicating and engaging with them at these times; and
- Customers expect us to work in partnership with other organisations to play our part in a holistic effort to improve community and individual resilience.

# Issue

- Inconsistency of physical status (and reason) for a NMI being Active or De-energised versus Market Status of that NMI and underlying cause (e.g. Defect or bypassed)
- Issue generally arises from Extreme Weather Events and high impact faults (e.g. Floods, HV Injections)
- Much of industry now considers that extreme weather and other events are becoming more BAU and need more action
- Customers impacted generally now in thousands
- Networks moving to increase resilience in response to extreme weather

## What you can do



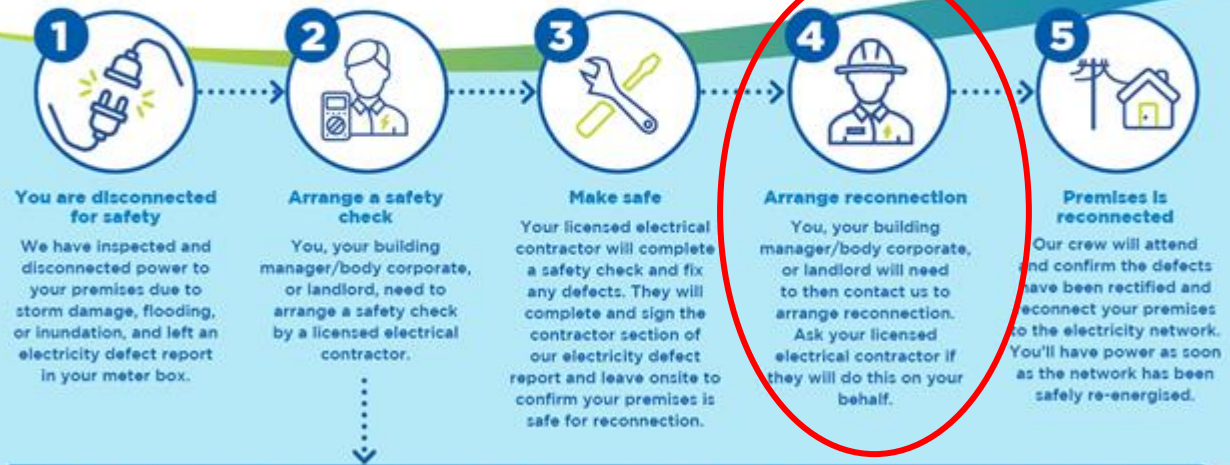
Process has no Retailer involvement for reconnection

Call your retailer for reconnection. Note that you will also need a licensed electrician to restore power to your entire premises and this will require an electronic Certificate of Compliance (eCoC). SA Power Networks can only reconnect power where it is confirmed safe to do so.

Process refers customer to Retailer for connection

## Restoration process

Getting reconnected after storm damage, flooding or inundation



**Note:** If you know your electrical fittings have been damaged, flooded or inundated, you don't need to wait for an electricity defect report. Arrange a safety check and your licensed electrical contractor will leave a certificate of test and compliance in the meter box for us.

# Impact of inconsistency

As a result of the inconsistency between the physical status and market status:

- It is unclear if the customer can be reconnected without a safety certificate and any reconnections are complex and may be delayed due to lack of clarity as to site status (e.g. defects requiring certification)
- the network may generate network charges
- the MDP may generate estimated consumption
- the RB may generate customer bills
- the contestable MP will be managing comms fault processes
- any bills issued after reconnection often have to be manually adjusted to ensure that they align with the actual disconnected periods;
- Any second participant on site may not be advised of actual Status;



# Retailer Issues

- Affected customers generally presented at areas level (e.g. post code)
  - Difficulty in capturing affected customers vs unaffected customers
- High potential for billing (network, consumption and retail) to occur for disconnected premises
  - Poor outcome for customers already in a complex situation
  - customer complaints
- As a result, bill blocks often applied initially to larger areas until DB lists are provided
  - Leads to delayed bills for customers
  - Leads to bills being sent to affected customers if not on list

# Sub-Group Discussion

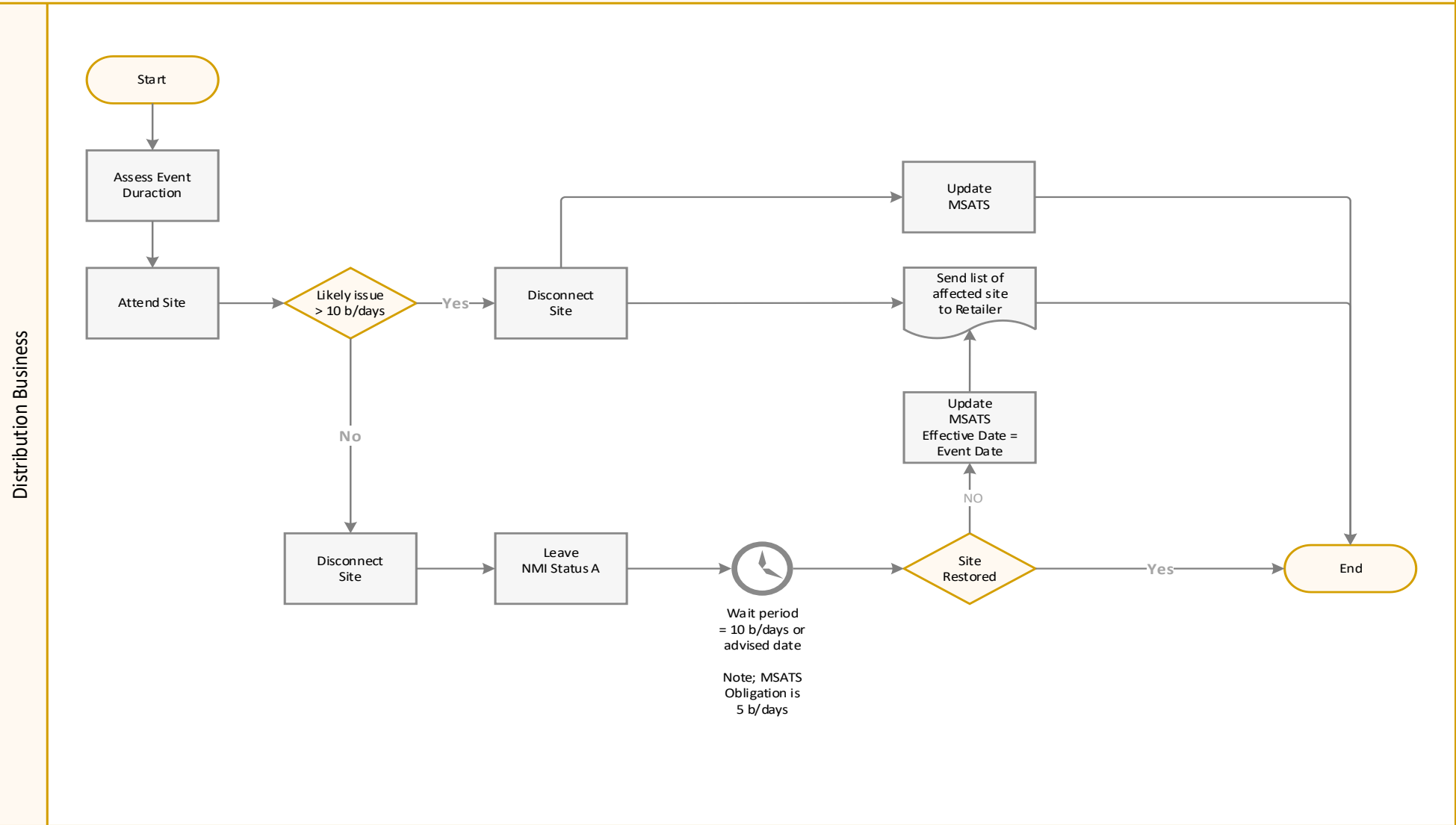
- DB requirements to undertake physical works and make area and premises safe
- Agreed that short term disconnections (<10 b/days) could be handled by DBs
- Longer Term disconnections need to be recognised within the market and pushed back to a market process

# Process Summary

- Attend site
- Assess customer (or group of customers)
  - Short term outage (<10 b/d) – continue as normal – don't reflect in MSATS
  - Long term outage (>10 b/d) – reflect in MSATS –
    - Retailer coordinates customer to seek REC etc
    - restoration via retailer request

# Proposed Process

## Event Management



# EQ Process

- From a QLD DB perspective I generally have no concerns with updating the market with D in a 10 day window.
- Our process for large event situations is that we will turn off feeders (where we know there will be flooding etc) before the event occurs and then once the event has happened, and when safe to do so the crews will begin going door to door inspecting premises and issuing defect notices and disconnecting premises where applicable. Once that transformer area is complete and the unsafe premises disconnected, the supply to that transformer is turned on. This processes happens all the way down the feeder. This can take days and even weeks dependant on the ability for the crews to be able to get into an area after flooding has subsided or areas cleared after cyclones.
- Once the Defect notice has been issued, we will wait 24hrs and if the customer has not rung for a re-energisation the premise will be made D in the market.
- If the sites are being updated in the market within 24 hrs, we're happy for that process to stay.

1. I believe the diagram should show the DNSP will decide to remove supply or not (e.g. due to safety) after attending site or assessment from their control room – this would be a defined area wide supply outage. If supply was not removed then end, if supply was removed then continue to the decision box asking if ‘likely issue > 10 b/days’. Let me know if I am thinking of a different scenario to what you were trying to highlight.

My understanding is that if a feeder etc is isolated, then customer NMIs are not updated.

This occurs after a site visit, where the assessment is made of whether a premise should be de-energised for safety. The issue is not that it is e.g. de-energised, but that it is not reflected in the market. Recognising the value of allowing a quick restoration, this ICF is proposing 10 b/d as a trigger to update the market.

2. The diagram shows that the DNSP must provide a list of affected sites in parallel or after updating MSATS – wouldn’t updating MSATS identify the affected sites and therefore make the list redundant? Am I missing something?

Generally the list of disconnected sites are those where the site is physically disconnected due to some damage and updated in the market. It is impossible to differentiate between a disconnection due to Defect and disconnection for another reason.

The process proposes that if a site is disconnected (but not updated in the market) then after 10 b/d, if it is still not connected, to update the market.

3. I note that your ICF is also concerned about the management of reconnections, therefore I suggest the diagram include a reconnection process which I believe would include the network determining if individual sites are safe to reconnect:
  - a. If not safe to reconnect then the site is disconnected from the grid and a notice is provided to the customer to explain the situation, and what actions are required to reconnect – I suggest that the DNSP updates MSATS to indicate this scenario, e.g. new NMI status code. I suggest we consider further what the process looks like to get the customer reconnected in this scenario which may be different in each network area and for the issue causing the non-safe situation (I believe this covers the questions raise by Jo and is part of the process that will become complex and need most of our meeting time).
  - b. After the DNSP has checked all sites in scope of the defined area wide outage and determines that it is safe to do so then the network returns supply to the defined area (noting that some individual customers may not get reconnected because their individual site was disconnected as per step 3a). The DNSP updates MSATS for all NMIs that got reconnected if they previously updated MSATS to indicate the NMI had no supply. The network may do this in multiple sections over multiple days/weeks within the defined affected area.

Reconnection by Networks is a network process (not a market process) – and reconnection post disconnection with Defect is market BAU.

# Origin

- We've discussed about this internally as well and I've collated our comments for consideration but I also agree that we need to play some end to end scenarios before applying any feedback, including our role as a Retailer in the re-en process for de-energised NMIs, any MFINs that might need to be issued as a result of faulty meters and how would it impact for A vs D NMIs, etc.
- Having said that, our key feedback is to establish a process where retailers are receive information about individual sites in a prompt but detailed manner, as soon as it's made available to the networks, so we can better communicate with our customers where required. We can discuss more in our catch up.

Agree

# Energy Australia

- When MSATs is updated as D, will this send a final read to us?  
**Q to networks – what is done in current arrangements**
- So the issue from a retailer view is do we generate a final bill as of the last read, network charges stopped from what date?

**The aim would be to have a final (i.e. pre-event position for the customer).**

**By having the site made D (Effective Date = Event Date) - this should mitigate incorrect network, consumption and retailer bills.**

- If the customer's meter is completely destroyed, then we need the meter to be updated to 'X' as if the meter is listed as D in MSATs this may cause issues as our processes see that a meter already exists.

**And the appropriate MIFN issued.**



# PlusES

- I agree with all the below and especially the use case scenario proposal as they would validate the robustness of a draft process.
- May we please define the scope of the process as it appears to cater for DNSP metering. It is silent on the contestable metering parties and their requirements.

Scope covers any NMI impacted by an extreme weather event.

The goal is to have the market reflect reality fairly soon after a site is impacted.

# Notes

Mark Riley (AGL) spoke to the extreme weather event ICF slides.

The B2B-WG noted:

- This issue appears to be a communication issue between distributors and participants
- Updating the NMI status to 'D' triggers a lot of processes
- The resolution of this issue will likely not require a system change, more of a matter as to when the NMI Status gets updated to 'D' as apart of these events
- Industry needs a simpler and more consistent process for all DBs to adhere
- When an event happens there are two key points:
  - DBs need to let industry know what has happened and who is impacted
  - The NMI status needs to reflect the physical situation of the connection point as soon as practicable, regardless of if there is customer on site or not
- B2B-WG members need to consider overarching regulatory requirements associated to the NMI status
- Obligations associated to a comms fault start at 5 business days, which can result in wasted truck fee if the NMI has no supply and they are unable to install a meter
- Quantification of the issue and the impact on industry vs the magnitude of the change is required
- **ACTIONS:**
  - Mark Riley, Justin Betlehem, Aakash Sembey, Helen Vassos to scrutinise the proposed solution, or suggest a preferred alternative, prior to the Feb 2024 monthly meeting
    - Meeting booked for Monday 4 December 2023



# ICF Register

Kate Gordon (AEMO)

# ICF Summary

Gates	# of ICFs	ICF Titles	Notes
0 – ICF Preparation	2	B005/22 - Clarification of UMS Data in Inventory Table B007/22 - Discrepancy between B2B SO Process and B2B Guide (V3.7)	<ul style="list-style-type: none"> <li>Mark to draft/reconsider these ICFs by the Feb 2024 monthly meeting</li> </ul>
1 - B2B WG Initial Assessment	2	B009/23 - UMS Inventory OWN B010/23 - Extreme Weather Event	<ul style="list-style-type: none"> <li>B009/23 - Mark to draft/reconsider by the Feb 2024 monthly meeting</li> <li>B010/23 - Update in this meeting</li> </ul>
2 - B2B WG Detailed Assessment	1	B014/23 - Managing in-flight service orders during a RoLR event	<ul style="list-style-type: none"> <li>Entered Gate 2 at the 9 Nov meeting</li> </ul>
3 - IEC Initial Assessment			
4 - IEC Change Pack creation	4	B002/22 - Alignment of B2B field lengths to B2M Procedures/schema B004/22 - B2B/B2M field lengths – Address elements B006/22 - PERSONNAME definition spec correction B011/23 - Definition of Unknown Load Exception Code	<ul style="list-style-type: none"> <li>These ICFs are to be included in the next IEC consultation, expected to commence in Q2 2024.</li> </ul>
5 - Formal Consultation			
Implemented	2	B003/22 - B2B RoLR Procedure Updates B008/22 - NEM RoLR Processes (Part B) Procedure - Customer Details Enhancement	<ul style="list-style-type: none"> <li>Done and dusted 😊</li> </ul>
Withdrawn	2	B012/23 - New Verify Meter Data Request Enumeration B013/23 - Vacant Site CDN Clarification	<ul style="list-style-type: none"> <li>Withdrawn by proponent</li> </ul>

# ICFs Requiring Attention

ICF No	Title	Description	Proponent	Status	Next Step
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>Mark to resubmit the ICF using the new template</li> </ul>
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>
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)	0 – ICF Preparation	<ul style="list-style-type: none"> <li>Mark to resubmit the ICF using the new template</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>TBC</li> </ul>

# ICFs Requiring Attention

ICF No	Title	Description	Proponent	Status	Next Step
B014/23	Managing in-flight service orders during a RoLR event	<ul style="list-style-type: none"><li>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.</li></ul>	Dino Ou (Intellihub)	2 - B2B WG Detailed Assessment	TBC

# ICFs Endorsed for Consultation

ICF No	Title	Description	Proponent	Status	Next Step
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	• Late Q1/Early Q2 2024 consultation
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	• Late Q1/Early Q2 2024 consultation
B006/22	PERSONNAME definition spec correction	Person Name field Technical Specification clarification	Helen Vassos (PLUS ES)	4 - IEC Change Pack creation	• Late Q1/Early Q2 2024 consultation
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	• Late Q1/Early Q2 2024 consultation

# Implemented ICFs

ICF No	Title	Description	Proponent	Status	Next Step
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)	Implemented 1 Nov 2023	<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>
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)	Implemented 1 Nov 2023	<ul style="list-style-type: none"> <li>Final Determination to be published by 18 Sept 2023</li> </ul>



# Withdrawn ICFs

ICF No	Title	Description	Proponent	Status	Next Step
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)	Withdrawn	<ul style="list-style-type: none"> <li>• ICF withdrawn by Mark via email on 15 November 2023</li> </ul>
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>• ICF withdrawn by Mark at the October 2023 monthly meeting</li> </ul>

# Notes

- **ACTIONS:**

- Dino to update B014/23 with the proposed changes from Adrian and Mark and then email the updated ICF to the B2B inbox
- AEMO to include the ICF version numbers against open ICFs
- AEMO to circulate the latest version of all open ICFs to members



# RoLR Review Update

Gareth Morrah (AEMO)

# RoLR Review Update

- NEM RoLR Part A review
- How B2M, B2B and reporting reviews will be completed and consulted on

# Notes

The B2B-WG spoke to the wider ROLR review requirements.

Gareth Morrah noted:

- Part A and Part B will be consultation on simultaneously
- Identified Part A changes to date involve reporting and AEMO obligations
- Currently investigating password protection restrictions raised by Dino Ou and interfacing with ROCL to improve contact updating

## ACTIONS:

- AEMO to:
  - Check referencing between Part A and Part B to ensure correctness
  - Review Part A to ensure wording is still fit-for-purpose
  - To confirm two-day transaction timeframe requirement raised by Dino Ou
  - Circulate 'requirements document' to the B2B-WG before Christmas with feedback due by mid-January
    - Initial discussion re feedback to be added to MSR meeting on 17-18 Jan
  - To raise an ERCF ICF, if required, to support any proposed changes to Part A, prior to the next ERCF meeting (29 Jan)
- B2B-WG to review Part B wording to ensure it is still fit-for-purpose (Sean, Adrian, Dino) by the MSR-WG meeting on 17 Jan 2024



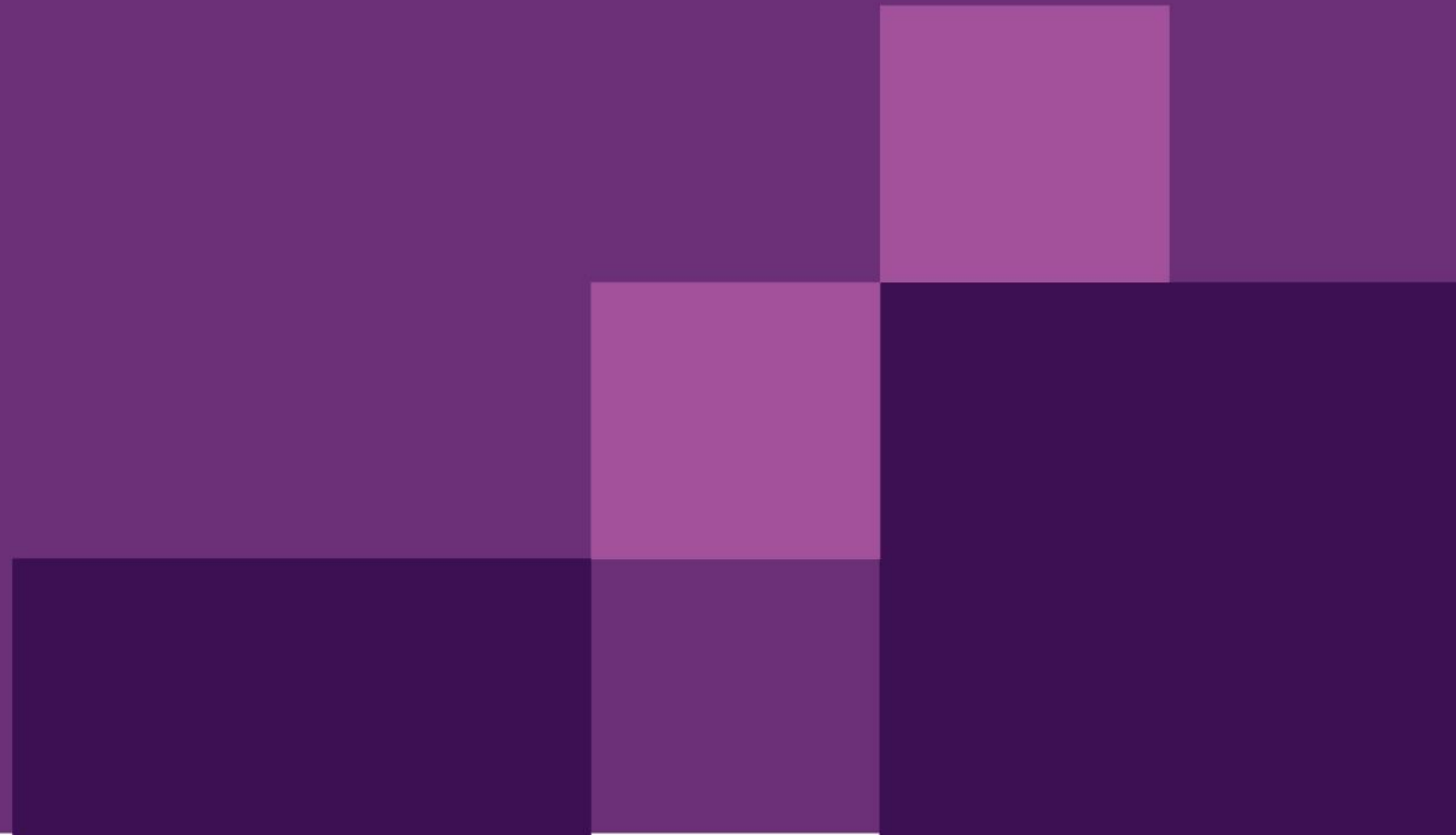
# IEC Final Prep

Mark Riley (AGL) and Sean Jennings (Red/Lumo)



# The year that was (2023)

B2B-WG Members



# 'The year that was (2023)'

Presenter - Mark Riley (AGL)

Item	Overview	Comments
NEM RoLR Consultation	<p>The NEM RoLR consultation sought to address:</p> <ul style="list-style-type: none"><li>• Gaps in the current RoLR B2B Customer Details Report provided by the suspended retailer to the RoLR that requires amendment.</li><li>• In-text referencing errors in section 104 of the NEM RoLR Processes (Part B) Procedure and some errors more broadly in certain subclauses of the procedure.</li></ul>	<ul style="list-style-type: none"><li>• The treatment of inflight Service Order Requests to a non-LNSP service provider was descoped from the Consultation.<ul style="list-style-type: none"><li>• This matter is expected to be consulted on as part of an IEC consultation in early to mid-2024.</li></ul></li></ul>
IESS Assessment	<p>The B2B-WG conducted a detailed review to consider if the implementation of the IESS Rule would likely impact the IEC's B2B Procedures</p>	<p>Findings:</p> <ul style="list-style-type: none"><li>• No impact to B2B Procedures due to amendments to terminology.</li><li>• No impact to B2B Procedures due to the introduction of the Integrated Resource Provider (IRP)</li><li>• Potential changes required to non-National Electricity Rules (NER) Procedures, for example, the B2B eHub Accreditation document.</li></ul>



# ‘The year that was (2023)’

Item	Overview	Comments
May 2023 Release (Effective 30 May 2023)	Scope: <ul style="list-style-type: none"> <li>Method determined to manage de-energisation and reenergisation Service Orders (SOs) when there are two service providers (DNSP and MC) who may have undertaken or will undertake the de-energisation</li> <li>Deliver uniformity and process efficiencies in B2B communications for shared fuse arrangements to support the Metering Coordinator Planned Interruption (MCPI) rule change, which introduced new obligations on Retailers and MCs to provide information to the DNSP regarding the shared fuse status at a Site</li> </ul>	Implemented: <ul style="list-style-type: none"> <li>Mandatory Notified Party for all re-energisation and de-energisation Service Orders</li> <li>Own Way Notification for Shared Fuse</li> </ul>
Endorsed ICFs	The following ICFs were presented to, and endorsed by the IEC: <ul style="list-style-type: none"> <li>B002 - Alignment of B2B field lengths to B2M Procedures/schema (late 2022)</li> <li>B004 - B2B/B2M field lengths – Address elements (late 2022)</li> <li>B006 - PERSONNAME Definition Specification Correction</li> <li>B011 – Definition of Unknown Load Exception Code</li> </ul>	<ul style="list-style-type: none"> <li>These ICFs are expected to be consulted on as part of an IEC consultation in Q2 2024.</li> </ul>
B2B-WG support resourcing	The B2B-WG sought approval from the IEC for suitable funding to provide a resource capable of supporting the functions of the B2B-WG to address the following issues: <ul style="list-style-type: none"> <li>Capacity limitations of the B2B-WG members</li> <li>Primary business commitments required of the B2B-WG members</li> <li>Resource limitations for smaller participants</li> <li>Skill set mismatch</li> </ul>	<ul style="list-style-type: none"> <li>The IEC approved the B2B-WG recommendation of Option 2 provided in the paper of an additional IEC funded resource.</li> </ul>

# ‘The year that was (2023)’

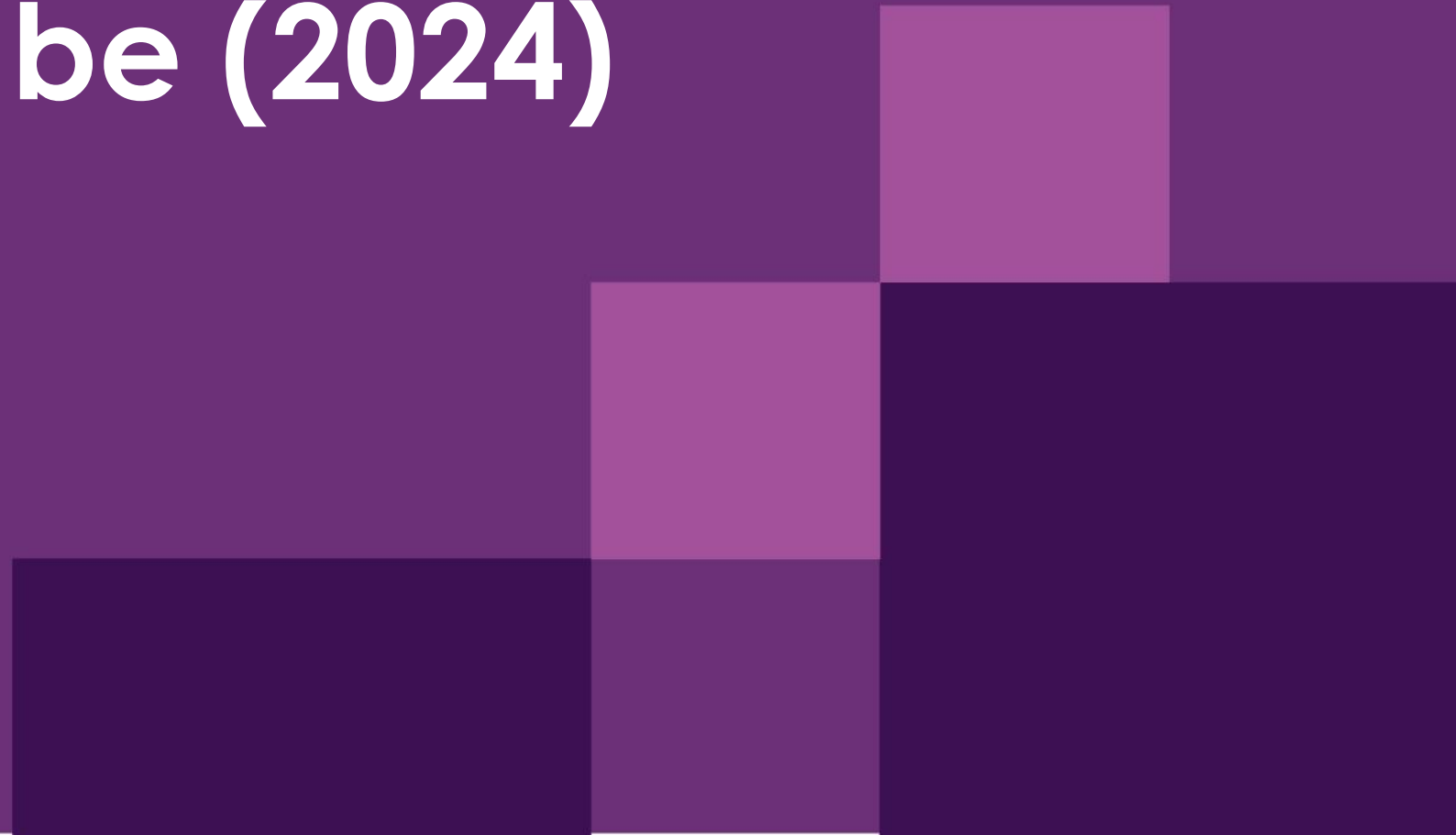
Item	Overview	Comments
B2B Guide Review	<p>AEMO conducted a survey to understand what improvements could be made to the B2B Guide in late 2022. Responses noted:</p> <ul style="list-style-type: none"> <li>• The B2B Guide contained adequate information</li> <li>• Formatting required improvement</li> <li>• Structure required improvement</li> <li>• Provide better context to sections</li> <li>• Remove replicated / outdated content</li> <li>• Review relevance of the content</li> <li>• Provide link between the procedures and the guide</li> </ul>	<p>Approach:</p> <ul style="list-style-type: none"> <li>• Initial assessment conducted by one representative from each market sector               <ul style="list-style-type: none"> <li>• AGL, SAPN, Vector</li> </ul> </li> <li>• Proposed changes considered by the broader B2B WG</li> <li>• New Draft document finalised</li> <li>• IEC endorsement sought</li> <li>• Consultation commences</li> <li>• New Guide becomes effective</li> </ul>
ICF template and assessment review	<p>Concerns were raised by the B2B-WG regarding:</p> <ul style="list-style-type: none"> <li>• The B2B WG’s ability to demonstrate that the expected level of due diligence and attention to detail has been satisfied when assessing proposed ICFs</li> <li>• Who has what role/responsibility in completing certain tasks associated to IEC consultations</li> </ul>	<p>The B2B-WG reviewed the existing ICF assessment process and strengthened the ICF assessment stages to ensure that the required level of detail, including proposed changes to impacted Procedures, are fully documented prior to formal consultation.</p>
Information Data Exchange (IDX)	<ul style="list-style-type: none"> <li>• IDX includes methods for formal B2B transactions and message communication among participants, including AEMO</li> <li>• AEMO is conducting forums to gather feedback and develop a business case for implementing changes</li> </ul>	<ul style="list-style-type: none"> <li>• The final business case needs to address:               <ul style="list-style-type: none"> <li>• Participant costs</li> <li>• Varied cost recovery models/timeframes</li> <li>• A clear and achievable transition plan for whole of industry</li> </ul> </li> </ul>

# ‘The year that was (2023)’

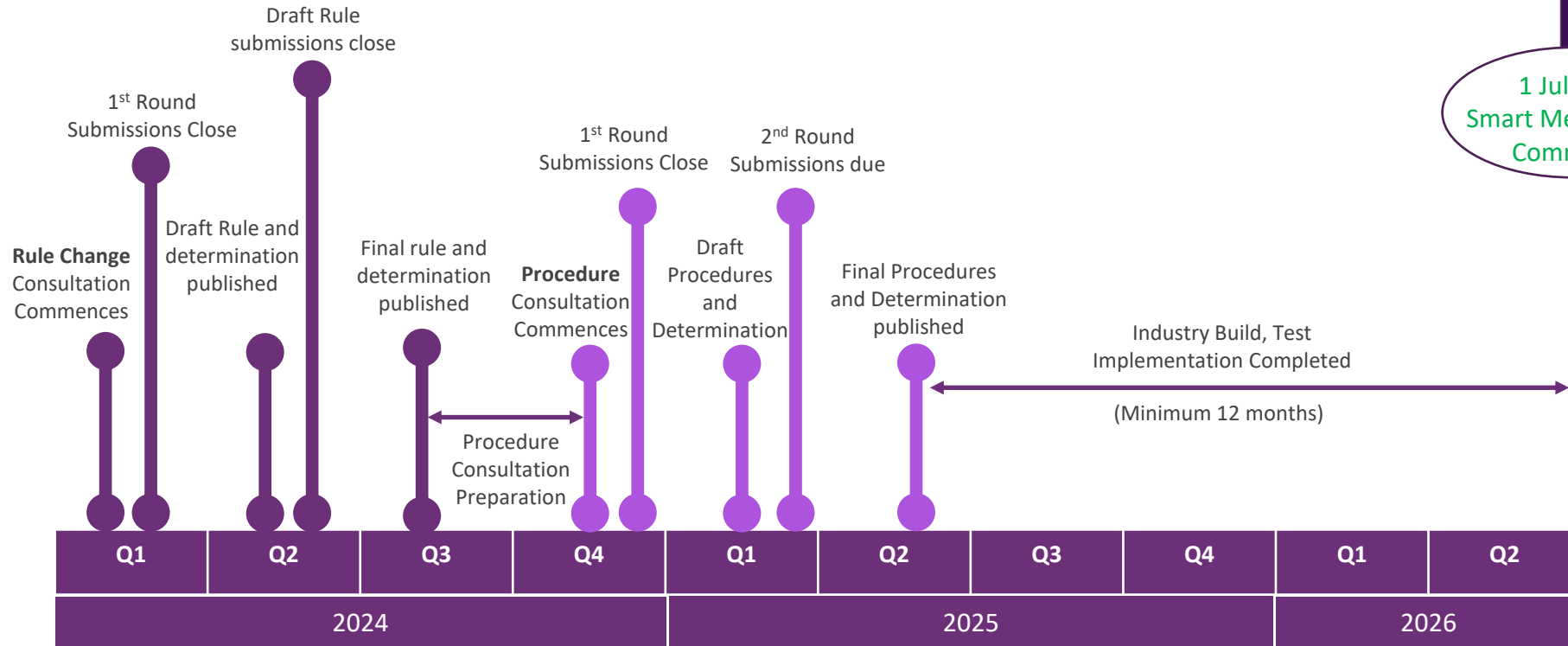
Item	Overview	Comments
Metering Services Review Working Group (MSR-WG)	<ul style="list-style-type: none"> <li>Identify suboptimal aspects of the AEMC’s Final Report, to help inform AEMC Rule Change submissions</li> <li>Develop key artifacts/content to inform the ERCF, B2B-WG, AEMC and other key stakeholders of potential MSR considerations and impacts</li> <li>Support AEMO and the IEC in preparing for, and executing, Procedural consultations</li> </ul>	<ul style="list-style-type: none"> <li>First 2 workshops have been conducted               <ul style="list-style-type: none"> <li>Workshop #1 focused on agreeing recommendation priorities and commencing initial assessment</li> <li>Workshop #2 continued the assessment of items</li> </ul> </li> </ul>

# The year to be (2024)

B2B-WG Members



# Typical Change Timeline

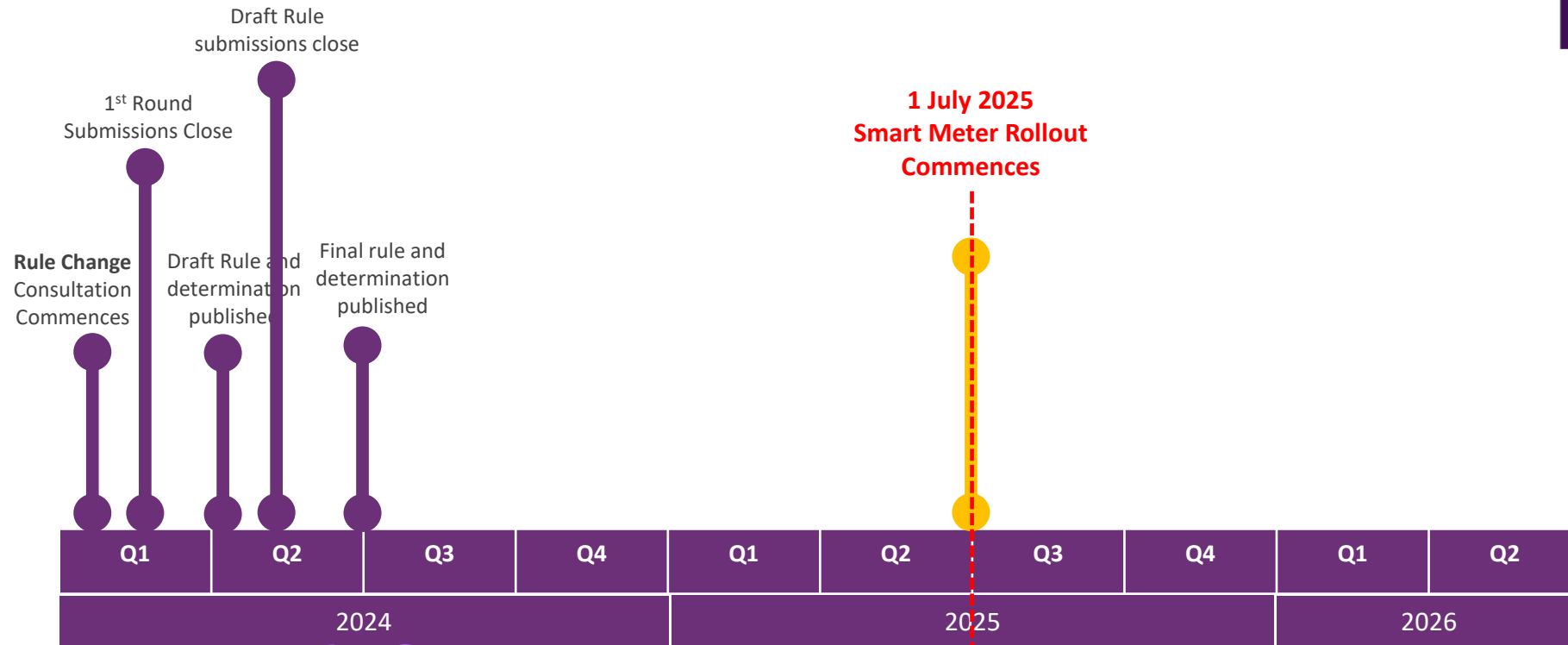





-  AEMC Consultation
-  AEMO/IEC standard consultation
-  AEMO/Participant Internal & Industry Readiness Activities

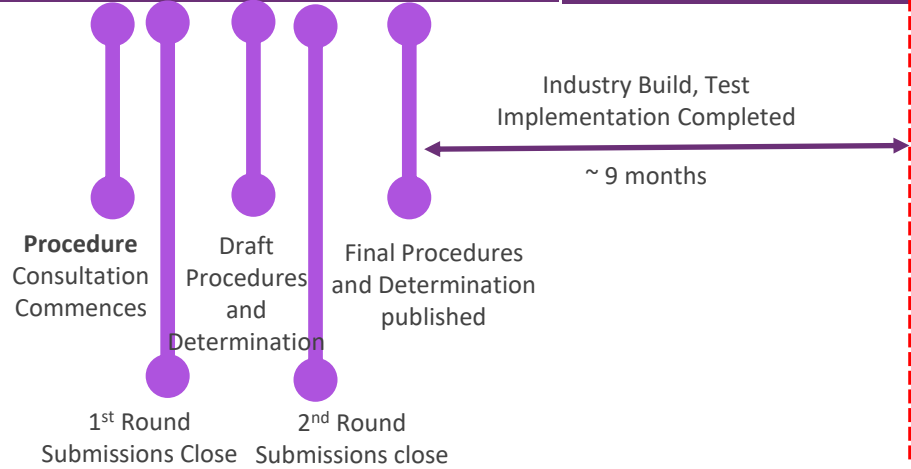
## 'Waterfall' approach:

- Rule Change Consultation occurs
  - Final Rule Published
- Procedure impacts identified
- Procedure consultation occurs
  - Final Procedures published
- AEMO and Participant readiness activities commences after the Final Rule and Final Procedures are published

# Indicative Metering Services Review Timeline



-  AEMC Consultation – 130 Working Days
-  AEMO/IEC standard consultation
-  AEMO/Participant Internal & Industry Readiness Activities



### Assumptions:

- A Standard AEMC process is applied
- The consultation is based on MSR-WG advice
- No delays to the AEMC process occurs
- Procedure impacts are identified **in parallel** by the MSR-WG
- AEMO/IEC Procedure consultations commence after the **Draft Rule** is published, instead of the Final
- AEMO/IEC compresses its time allowances under the NER to 30 business days for their Draft and Final Determinations, instead of 50

# ‘The year that will be (2024)’

Presenter - Sean Jennings (Red/Lumo)

Item	Overview	Comments
<p>AEMC Metering Services Review Rule Change consultation</p>	<ul style="list-style-type: none"> <li>On 29 September 2023, the AEMC received a rule change request from Intellihub Australia, SA Power Networks, and Alinta Energy to amend the National Electricity Rules.</li> <li>The proposed rules mirror the recommendations contained in the AEMC’s final report</li> <li>Rule change request does not include the AEMC’s recommendations in relation to real-time data.’</li> <li>Proponents proposed that the AEMC undertake a ‘fast track’ rule change process under section 96A of the National Electricity Law (NEL) and section 253 of the National Energy Retail Law (NERL).</li> </ul>	<ul style="list-style-type: none"> <li>AEMC indicative consultation and Rule effective date timings and proposed processes problematic</li> <li>MSR-WG reps directly engaging the AEMC to share risks, issues and preferred outcomes</li> <li>IEC Change Pack engagement likely Q3 2024</li> </ul>
<p>IEC Consultations</p>	<p>Several consultations will likely be required to occur during 2024. These consultations are expected to cover:</p> <ul style="list-style-type: none"> <li>Metering Services Review</li> <li>RoLR Review Changes</li> <li>ICFs</li> <li>B2B Guide</li> <li>Flexible Trading?</li> </ul>	<ul style="list-style-type: none"> <li>Changes associated to the Metering Services Review will likely need to be a standalone consultation, to allow change marked procedures to be included in the first stage</li> <li>The B2B Guide may need to be consulted on multiple times under a ‘publish for comments’ arrangement</li> </ul>

# ‘The year that will be (2024)’

Item	Overview	Comments
AEMC Unlocking CER benefits through Flexible Trading consultation	<p>The rule seeks 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 currently split into three core areas:</p> <ul style="list-style-type: none"> <li>• Optimising the value of CER flexibility: Opportunities for separately identifying and managing flexible CER.</li> <li>• Flexible trading of CER with multiple energy service providers at residential and/or commercial premises.</li> <li>• Opportunities to improve how energy use is measured for street lighting and other street furniture (such as park BBQs).</li> </ul>	<ul style="list-style-type: none"> <li>• Indicative timings               <ul style="list-style-type: none"> <li>• AEMC Draft Determination                   <ul style="list-style-type: none"> <li>• Late February 2024</li> </ul> </li> <li>• AEMC Final Determination                   <ul style="list-style-type: none"> <li>• July 2024</li> </ul> </li> </ul> </li> <li>• The B2B-WG are unable to assess the potential impact of FTA at this stage, as insufficient information is currently available</li> </ul>
IDX	<p>The initiative seeks to create a unified data exchange mechanism to support exchanging data between energy stakeholders and AEMO. IDX conceptualises unified data exchange standards, patterns, protocols, payload formats and channels to support a market and domain-agnostic, streamlined, secure, reliable, scalable centralised data exchange platform.</p>	<ul style="list-style-type: none"> <li>• Business case development to conclude early 2024</li> <li>• Implementation expected to occur across multiple tranches through to 2028</li> </ul>
Life support Rule Change	<p>Draft Rule Change proposal includes 4 key opportunities:</p> <ul style="list-style-type: none"> <li>• A more targeted definition of Life Support Equipment</li> <li>• A National Template Medical Form</li> <li>• Access to template back-up plans</li> <li>• Co-designed national awareness and engagement campaigns</li> </ul>	<ul style="list-style-type: none"> <li>• Consultation timings are still unclear</li> <li>• Potential B2B impacts TBD in due course</li> </ul>
‘Other Watch items’	<ul style="list-style-type: none"> <li>• Additional ICFs</li> <li>• Other NEM reform related initiatives e.g. Project Edge and Project Edith</li> </ul>	<ul style="list-style-type: none"> <li>• AEMO project reps to present to the IEC as applicable</li> </ul>



# Notes

- The B2B-WG walked through the proposed IEC presentation slides, adjustments were made as required
- **ACTION:**
  - IEC and AEMO to endeavour to include change marked procedures into the associated first stage consultations, to provide additional clarity to Participants asap



# Unlocking CER benefits through Flexible Trading

Justin Stute (AEMO)

# Session Objective

- Agenda item was requested by Dino at the last B2B-WG meeting
- The proposed objective of this agenda item is for the WG to continue discussion re:
  - Potential FTA timings
  - Potential B2B impacts
  - Key questions/considerations
    - That the AEMC Public Forums didn't provide much insight into AEMC's preferred solutions for some of its fundamental topics
    - The reform congestion, and delayed AEMC Rule Change processes, have created significant risks regarding Industry's ability to deliver everything
    - How the option of subtractive metering may work between Primary and Secondary Retailers
    - The benefits of considering potential B2B impacts now to more effectively engage with the AEMC during its Rule Change consultation process
    - The potential impact of moving away from NMI to Settlement Points
    - The AEMC Technical Working Group met on Monday 20 Nov 2023
    - If CER assets should be fully visible i.e. metered even where customers have not accepted an 'advanced offer'
    - Need to consider potential issues re social licence, especially when this arrangement becomes available to residential customers
    - Will Small NMIs be able to be included in FTA for corporate tails? If yes, what does this mean for market and participant systems and processes?
    - The AEMC's interest in leveraging EV batteries as a measurement device in the future
    - The potential constraints of maximising the benefits of FTA should DNSPs introduce EV controlled load tariffs
    - Who has the authority to raise which service orders during FTA i.e. the primary vs the secondary retailer
    - The risk of Retailers selecting the incorrect NMI for service orders and transfers
    - The current assumption that there will only be 1 FRMP associated to a Small NMI when FTA is introduced to this market segment
    - How participant systems and processes will be impacted by only Large NMIs being eligible for FTA

# 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>

# Items of Interest

The rule change is being considered across 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 large customer premises - that is commercial and industrial consumers.



Opportunities to improve how energy use is measured for street lighting and other street furniture (such as park BBQs).



# Separately identifying and managing flexible CER – metering configurations



## OPTION 1 Configuration

FLEXIBLE METERING  
ARRANGEMENT FOR CER

1A: Existing smart meters with dual or multi-elements for CER  
(one physical connection)

1B: Second settlement point/s behind the meter - has a flexible meter type for CER  
(nb. one physical connection)



## OPTION 2 Configuration (existing)

OFF-MARKET MEASUREMENT  
("BLACK BOX")

Kit used behind the meter - but approved by National Measurement Institute.

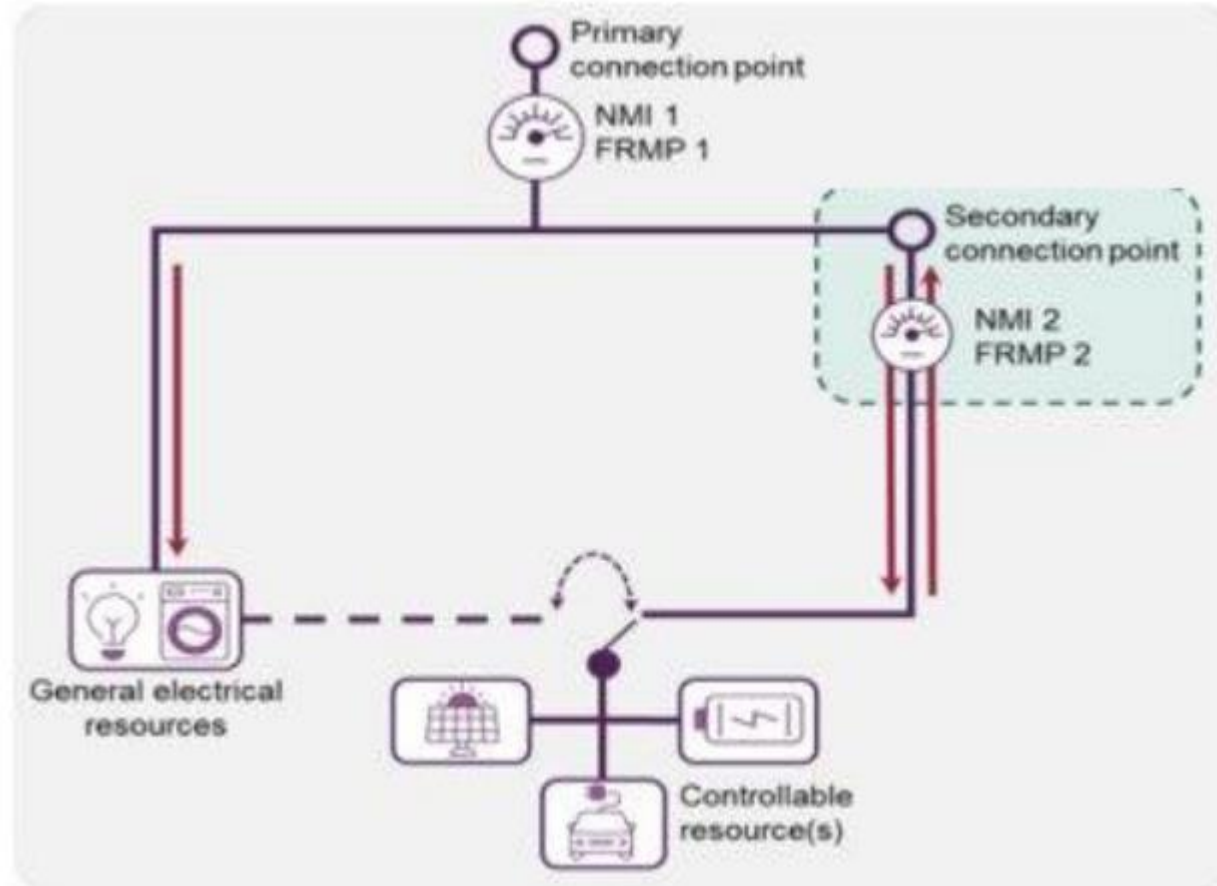


## OPTION 3 Configuration (existing)

SECOND CONNECTION POINT  
WITH SEPARATE METERING

Two physical connection points at a single premises (market connection) with separate metering.

# Flexible trading with multiple service providers for large customers



# Notes

- The B2B-WG discussed potential impacts of Flexible Trading Arrangements noting:
- There will likely be B2B impacts
- There will be B2M impacts
- Until the Draft Ruel is published, there is insufficient clarity/information to provide reliable advice to the IEC at this stage
- **ACTION:**
  - Allocate additional time in the March B2B-WG meeting to assess the potential impact of FTA, assuming the AEMC's Draft Rule and Determination has been published by that stage

# AEMC Indicative Rule Change Timings





# B2M Update

Kate Gordon (AEMO)

# 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>6 Open ICFs (refer to the Appendix further details)</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>Final Determination to be published by Friday 15 December 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/july-2023-retail-electricity-market-procedures-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/july-2023-retail-electricity-market-procedures-consultation</a></li> </ul>



# MSR WG Update

Justin Stute (AEMO)

# MSR WG Update

- Justin Stute to lead the discussion



# Working Group Membership

Name	Organisation	Area
Justin Stute	AEMO	Retail Reform Delivery
Blaine Miner	AEMO	Retail Reform Delivery
Noura Elhawary	AEMO	Retail Reform Delivery
Lou Webb	AEMO	Retail Reform Delivery
Jackie Krizmanic	AEMO	Metering
David Ripper	AEMO	Metering
Lee Brown	AEMO	Reform Development
Simon Tu	AEMO	IT

Name	Organisation	Market Sector
Mark Riley	AGL	Retailer
Robert Lo Giudice	Alinta Energy	Retailer
Jo Sullivan	EA	Retailer
Aakash Sembey	Origin	Retailer
Sean Jennings	Red and Lumo	Retailer
Wayne Turner	Ausgrid	Distributor
Justin Betlehem	Ausnet	Distributor
Steve Sammut	Endeavour	Distributor
Robert Mitchell	EQL	Distributor
Graeme Ferguson	Essential Energy	Distributor
Jeff Roberts	Evo Energy	Distributor
David Woods	SAPN	Distributor
Adrian Honey	TasNetworks	Distributor
Dino Ou	Intellihub	Metering
Helen Vassos	PlusES	Metering
Paul Greenwood	Vector Metering	Metering
Wayne Farrell	Yurika	Metering

# Notes

- The B2B-WG discussed the impacts of Metering Services Review noting:
- LMRP potentially has no B2B Impacts
- Defects – “one in all in”:
  - Currently an identifying MP cannot apply a defect to another MP’s NMI - how will defects be communicated to industry/how will MPs be able to log a defect against a NMI?
  - Will have impacts to B2B
  - Next steps – potential rule change to the AEMC for MC access to NMI discovery to update data with defects?
- **ACTIONS:**
  - B2B-WG members to develop a plan to ensure the IEC is ready to consult asap after the MSR Draft Rule and Determination has been published
  - Mark Riley and Sean Jennings to develop proposed MSR flowcharts for proposed transactions



# B2B Guide Improvement Review Update

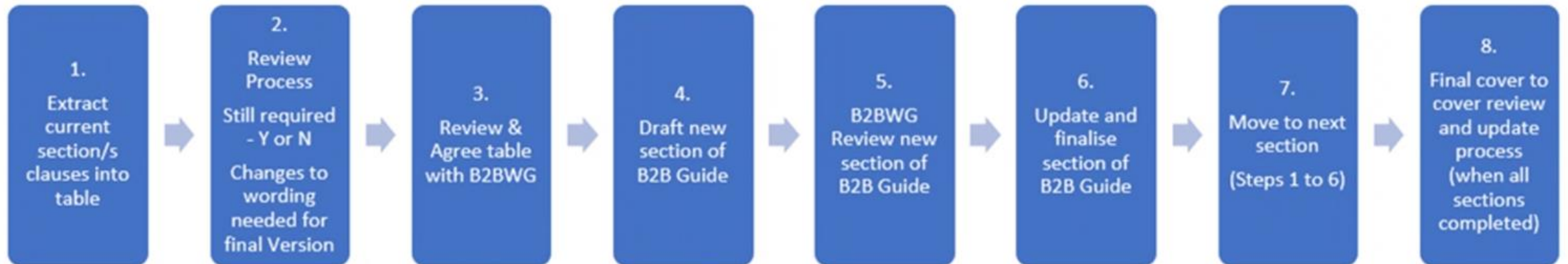
David Woods (SAPN)

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



# 2024 Items/Housekeeping

Blaine Miner (AEMO)



# 2024 Items/Housekeeping

- 2024 IEC Meeting Roster

IEC Meeting	Sector	B2B Rep	Comments
March 2024	Distribution	TBD	<ul style="list-style-type: none"> <li>Potential matters:               <ul style="list-style-type: none"> <li>Consultation Change Pack</li> <li>FTA Draft Rule</li> </ul> </li> </ul>
June 2024	Retail	TBD	<ul style="list-style-type: none"> <li>TBD</li> </ul>
September 2024	Metering	TBD	<ul style="list-style-type: none"> <li>TBD</li> </ul>
November 2024	All sectors	All members	<ul style="list-style-type: none"> <li>Face-to-face meeting               <ul style="list-style-type: none"> <li>The year that was and the year that will be</li> </ul> </li> </ul>

- Proposed 2024 B2B-WG meeting cadence, timings and approach (face-to-face vs virtual)



# ‘What’s on the B2B horizon?’

Blaine Miner (AEMO)

# IDX/IDAM/PV Industry Consultation Update

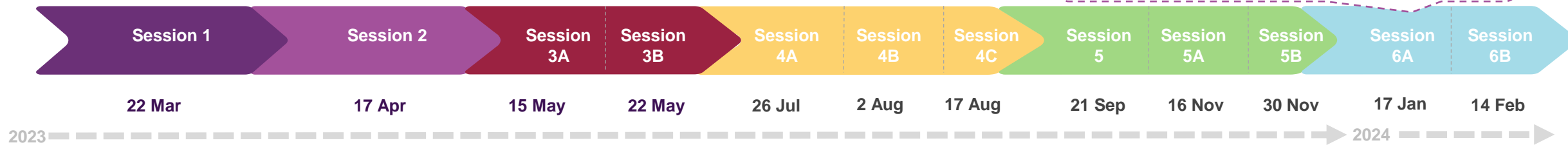
## Preparation of business case continues.

- AEMO thanks participants for their contributions to the industry costing exercise. Six detailed industry cost estimates and four high level estimates received (as of 16 October).
- November industry workshops scheduled, allowing additional time and focus on cost and approach for AEMO and industry, reflecting the high level of interest in the topic.

## Published information and materials:

- Focus Group webpage: <https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/nem-reform-foundational-and-strategic-initiatives-focus-group>
- Any queries can be directed to [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au)

Timing is indicative. Additional engagement with Executive forum members depending on extent of consensus.



Session	Introduction	Discovery	Target State	Transition Strategy	Cost & Method	Business Case
Agenda	<ul style="list-style-type: none"> <li>• Introduce initiatives</li> <li>• Outline workshop plan</li> </ul>	<ul style="list-style-type: none"> <li>• Pain points and benefits</li> <li>• Survey</li> </ul>	<ul style="list-style-type: none"> <li>• Concept walkthrough</li> <li>• Survey</li> </ul>	<ul style="list-style-type: none"> <li>• Transition Strategy</li> <li>• Impacts &amp; Benefits</li> <li>• Survey</li> </ul>	<ul style="list-style-type: none"> <li>• Industry and AEMO costs</li> <li>• Assumptions, options and methodology</li> </ul>	<ul style="list-style-type: none"> <li>• Walkthrough of draft business case</li> <li>• Assessment and completion</li> </ul>

# ‘What’s coming on the horizon’

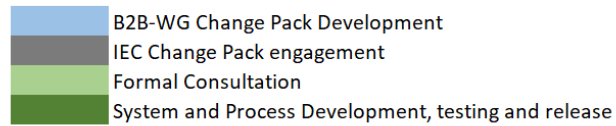
Topic	Timing	Next Milestone	Comments
IDX (Information Data Exchange)	Immediate	Conclusions and Business Case	<ul style="list-style-type: none"> <li>Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)</li> </ul>
IDAM (Identity and Access Mgt)	Immediate	Conclusions and Business Case	<ul style="list-style-type: 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>1 July 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	Immediate	AEMC Consultation in progress	<ul style="list-style-type: none"> <li>Indicative Consultation Timings:               <ul style="list-style-type: none"> <li>Draft determination or draft rule 29 February 2024</li> <li>Stakeholder submissions due late March 2024</li> <li>Final determination or final rule July 2024</li> </ul> </li> </ul>
Potential Life Support Rule Change	Short/Medium term		<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	Current Reform Status – ‘Rules Development’ Q1 to Q4 2024 (As per V3 of the NEM Reform Roadmap)	<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>

# Indicative Timelines

(As of 21 Nov 2023)



Topic	2023		2024				2025			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
<b>NEM Reforms</b>										
<b>Metering Services Review</b>										
AEMC Consultation		AEMC Consultation								
B2B Activities		B2B Activities	IEC Change Pack engagement	Formal Consultation	Formal Consultation	System and Process Development, testing and release	System and Process Development, testing and release			
<b>Flexible Trading</b>										
AEMC Consultation	AEMC Consultation									
B2B Activities		B2B Activities	IEC Change Pack engagement	Formal Consultation	Formal Consultation	System and Process Development, testing and release	System and Process Development, testing and release			
<b>IDX/IDAM/PC</b>										
B2B Activities (TBC)										
<b>Life Support Rule Change</b>										
AEMC Consultation (TBC)										
B2B Activities (TBC)										
<b>Electric Vehicle Supply Equipment Standing Data (TBC)</b>										
AEMC Consultation (TBC)										
B2B Activities (TBC)										
<b>ICFs</b>										
B002/22 - Alignment of B2B field lengths to B2M Procedures/schema		B2B-WG Change Pack Development	IEC Change Pack engagement	Formal Consultation	Formal Consultation	Formal Consultation	Formal Consultation	System and Process Development, testing and release	System and Process Development, testing and release	System and Process Development, testing and release
B004/22 - B2B/B2M field lengths – Address elements		B2B-WG Change Pack Development	IEC Change Pack engagement	Formal Consultation	Formal Consultation	Formal Consultation	Formal Consultation	System and Process Development, testing and release	System and Process Development, testing and release	System and Process Development, testing and release
B006/22 - PERSONNAME definition spec correction		B2B-WG Change Pack Development	IEC Change Pack engagement	Formal Consultation	Formal Consultation	Formal Consultation	Formal Consultation	System and Process Development, testing and release	System and Process Development, testing and release	System and Process Development, testing and release
B011/23 - Definition of Unknown Load Exception Code		B2B-WG Change Pack Development	IEC Change Pack engagement	Formal Consultation	Formal Consultation	Formal Consultation	Formal Consultation	System and Process Development, testing and release	System and Process Development, testing and release	System and Process Development, testing and release



\*\* Please note, the IEC's preferred approach to implementing New Rules is a traditional 'waterfall' approach i.e. AEMC Final Determination and Rules are published prior to any required IEC consultations commencing



# Forward Agenda

Blaine Miner (AEMO)

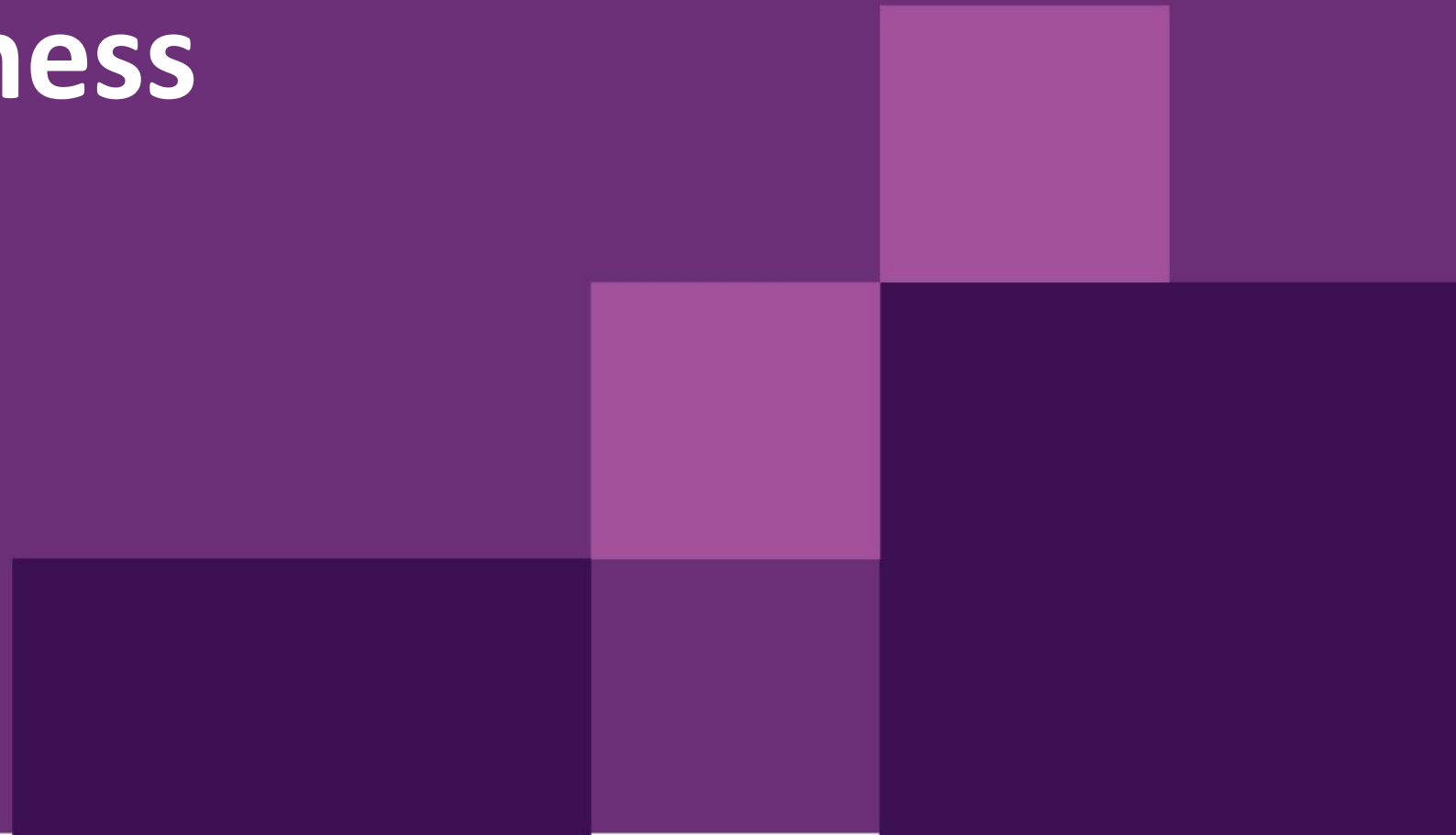
# Forward Agenda

Month	Proposed Agenda	Meeting Type
8 February 2024	<ul style="list-style-type: none"> <li>- Standing agenda items:               <ul style="list-style-type: none"> <li>- Action Log</li> <li>- ICF Register Update</li> <li>- B2M Update</li> <li>- ‘What’s on the B2B horizon?’</li> </ul> </li> <li>- Q2 IEC Consultation               <ul style="list-style-type: none"> <li>- Change Pack creation and IEC engagement</li> <li>- Expected to comprise ICFs, MSR and RoLR</li> </ul> </li> <li>- RoLR Review update</li> <li>- MSR Update</li> <li>- Unlocking CER benefits through Flexible Trading Update</li> <li>- B2B Guide improvement review update</li> </ul>	Virtual
14 March 2024	<ul style="list-style-type: none"> <li>- Standing agenda items:               <ul style="list-style-type: none"> <li>- Action Log</li> <li>- ICF Register Update</li> <li>- B2M Update</li> <li>- ‘What’s on the B2B horizon?’</li> </ul> </li> <li>- Q2 IEC Consultation               <ul style="list-style-type: none"> <li>- Change Pack creation and IEC engagement</li> </ul> </li> <li>- RoLR Review update</li> <li>- MSR Update</li> <li>- Unlocking CER benefits through Flexible Trading Draft Rule</li> <li>- B2B Guide improvement review update</li> </ul>	Virtual



# General Business

Blaine Miner (AEMO)

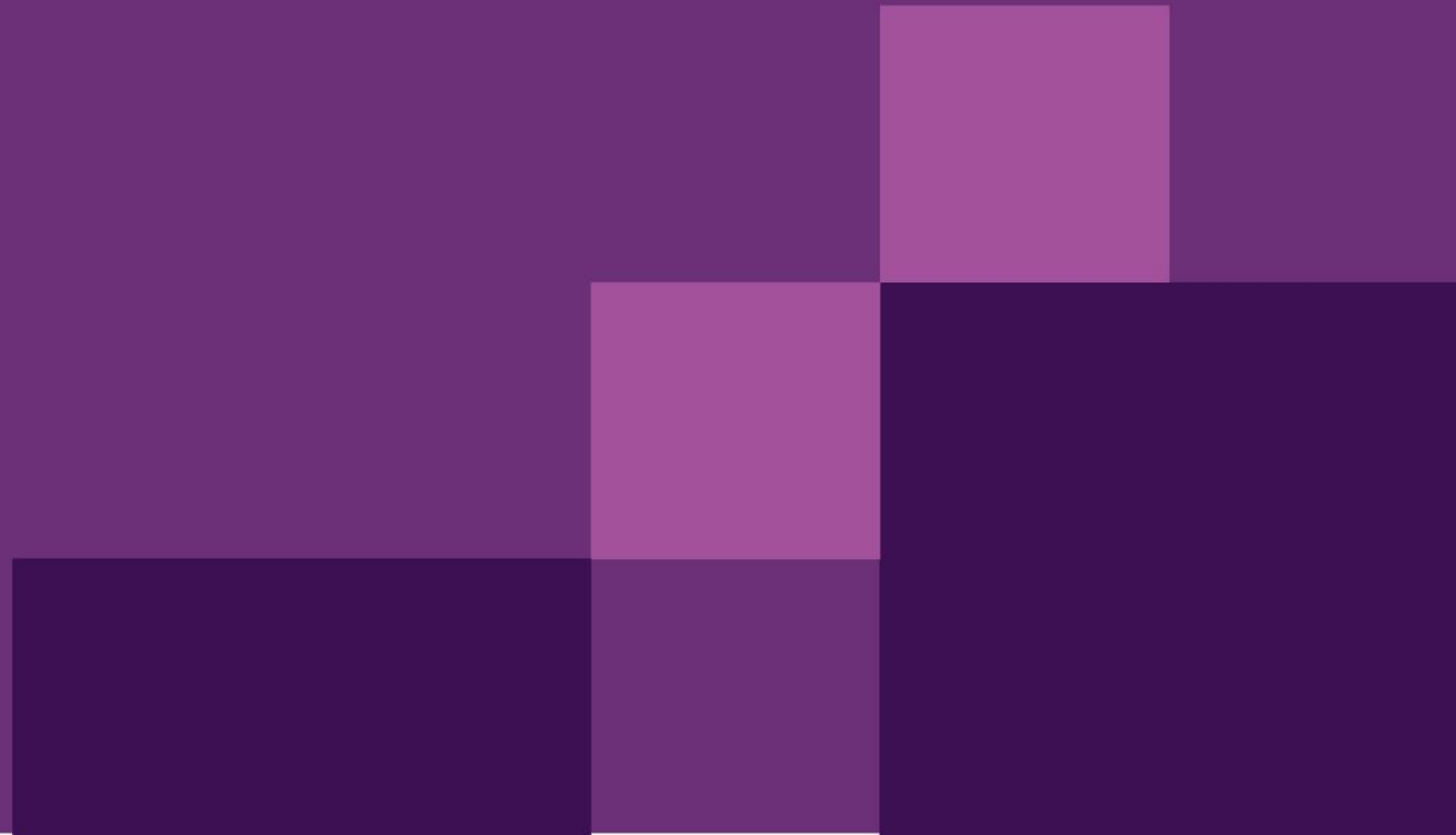


# Other Business

- Next meeting 8 February 2024
- Any other business items?
- Thank you for your time and efforts during 2023, see you in 2024 😊



# Appendix



# ICF Gate Process

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>

# 2023 IEC Meeting Roster

IEC Meeting	Sector	B2B Rep	Comments
21 Feb 2023	Retail	Aakash Sembey (Origin Energy)	<ul style="list-style-type: none"> <li>Key matter: Expedited NEM RoLR Processes (Part B) Procedure Changes</li> </ul>
9 June 2023	All sectors	All members	<ul style="list-style-type: none"> <li>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</li> </ul>
28 Aug 2023	Metering	Wayne Farrell (Yurika)	<ul style="list-style-type: none"> <li>Key matters: MSR, IESS</li> </ul>
29 Nov 2023	All sectors	All members	<ul style="list-style-type: none"> <li>IEC has requested for the B2B WG to attend the IEC's face-to-face meeting 29 November in Melbourne</li> </ul>

- 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

(Under assessment)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Month ICF Raised	Current Status/Update
ADWNAN Reporting changes	Assignment of Interval ADWNANs to MDP in AEMO Performance Reports	Jane Hutson (EQL)	017	Sept 2019	<ul style="list-style-type: none"> <li>Discussed at ERCF-SG</li> <li>AEMO to assess the implications of making allowances for:               <ul style="list-style-type: none"> <li>Meter creep thresholds</li> <li>Count functionality</li> </ul> </li> <li>ERCF-SG to provide meter creep threshold requirements</li> </ul>
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	July 2023	To be discussed at ERCF-SG meeting on 7 December 2023
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	Aug 2023	Preliminary assessment is in progress by AEMO. To be considered by the subgroup in due course.

# ICF Register Update

(Under assessment)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Month ICF Raised	Current Status/Update
Alignment of Addressing in B2M Procedures to AS4590.1.2017	To align B2M procedures' address standards with AS4590.1:2017, replacing the superseded AS4590-1999.	AEMO	078	Oct 2023	<ul style="list-style-type: none"> <li>AEMO to confirm where misalignments currently exist</li> <li>ERCF-SG to determine recommendations to the ERCF</li> </ul>

# ICF Register Update

(Awaiting consultation or On hold)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Month ICF Raised	Current Status/Update
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	Jan 2022	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 SMS and Global Settlements. AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.	AEMO	067	Aug 2022	To be included in the next B2M consultation



For more information visit

[aemo.com.au](http://aemo.com.au)