

B2B Working Group

9 November 2023 Notes

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







- 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---october-2022.pdf?la=en



#	Торіс
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
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Actions Log

Kate Gordon

Pre-October Meeting Actions



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Action	Topic	Description	Status	Responsible	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	Closed	B2B WG	The MSR-WG will consider these items in due course
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	Closed	B2B WG	The MSR-WG will consider these items in due course
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 targeting early 2024 for this action
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	Mark intending to have this information available for the meeting on the 28-29 Nov

October Meeting Actions



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Action	Topic	Description	Status	Responsible	Comments
121023_01	Agenda	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	Closed	AEMO	Session 5B of the IDAM/IDX/PC initiative has now been rescheduled to 30 Nov
121023_02	Actions Log	AEMO to consider including a provision for Stakeholder facing 'post consultation review' sessions as part of its B2M consultation processes	Closed	AEMO	AEMO to circulate consultation surveys after all substantive consultations
121023_03	Actions Log	AEMO to consider having a Stakeholder facing 'post consultation review' session associated to the Metering Exemption Automation consultation as soon as practicable	Closed	AEMO	Consultation Survey circulated to the ERCF Mon 30 Oct 2023
121023_04	Proposed Changes to the IEC ICF Template	AEMO to circulate the updated IEC ICF Template for further B2B-WG consideration and feedback	Closed	AEMO	Updated template circulated with the Draft Oct meeting notes
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	Open	Mark Riley (AGL)	Mark intending to have this ICF updated by the meeting on the 28-29 Nov
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	Open	B2B-WG	Dependent on information being provided via action 240823_06
121023_07	RoLR Review Update	B2B-WG to provide feedback on the proposed RoLR ICF raised by Intellihub	Closed	B2B-WG	
121023_08	Nov Face-to-Face Meeting Prep	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'	Closed	AEMO	Industry meetings calendar updated successfully

October Meeting Actions



Action	Topic	Description	Status	Responsible	Comments
121023_09	B2B Guide Improvement Review Update	Members to provide feedback on the proposed changes to the B2B Guide	Open	B2B-WG	 Feedback requested by 8 Dec 2023 Finalise proposed B2B Guide change marking at the Feb 2025 B2B-WG meeting Targeting IEC engagement at the Monday 11 March 2025 IEC meeting Recommended to run an independent 'publish for comment' process once endorsed by the IEC
121023_10	'What's on the B2B horizon?'	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	Closed	B2B-WG	Ongoing amendments to be made progressively as required

Notes

- 'Actions Log' slides have been updated to reflect the members' feedback during the meeting
- 130922-01 and 130922-02 deemed closed, the MSR-WG will consider these items in due course
 - Kate Gordon confirmed that the IEC had already closed these actions in their Log

Action:

- B2B-WG to consider preferred timings re B2B Guide consultation, prior to MSR formal consultation or post MSR formal consultation
 - Prior Allows for the Guide to be reviewed in 'current state'
 - Post would need to be reviewed for MSR impacts



Proposed Changes to the IEC ICF Template

Blaine Miner

Proposed Changes to the IEC ICF Template



• Refer to the proposed ICF Template

Notes

- Amendments to the template occurred during the meeting
- The updated version of the template was sent out to members after the meeting (on 9 Nov 2023) for further consideration and feedback
- Targeting to finalise the proposed changes to the template by/at the Feb 2025 B2B-WG meeting, with IEC engagement to occur 11 March 2025
- Seeking to 'test drive' the proposed template to confirm workability, Mark Riley to use the new template for redrafting of existing ICFs
- Once noted/endorsed by the IEC, the new template will be published to the B2B-WG and IEC webpages



ICF Register

Kate Gordon





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)	These ICFs have been sitting here too long. If they aren't important enough, they should be withdrawn.
1 - B2B WG Initial Assessment	4	B009/23 - UMS Inventory OWN B010/23 - Extreme Weather Event B012/23 - New Verify Meter Data Request Enumeration B014/23 - Managing in-flight service orders during a RoLR event	What needs to occur to progress these to the next stage, refer to exit gate criteria.
2 - B2B WG Detailed Assessment			
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	These ICFs are to be included in the next IEC consultation, expected to commence in Q2 2024.
5 - Formal Consultation			
Implemented	2	B003/22 - B2B RoLR Procedure Updates B008/22 - NEM RoLR Processes (Part B) Procedure - Customer Details Enhancement	Done and dusted ☺
Withdrawn	1	B013/23 - Vacant Site CDN Clarification	Withdrawn by Mark at the Oct 2023 meeting

ICF Gates



Gate	Entry Criteria	Exit Criteria	Outcome
0 – ICF Preparation	Issue or change identified	Entry criteria for Gate 1 achieved	ICF circulated to the B2B WG members for Initial Assessment purposes
1 - B2B WG Initial Assessment	 Mandatory ICF sections populated to the required standard ICF reviewed by a B2B WG member prior to submission Proposed solution provided, where available 	 ICF populated to the required standard Additional information has been requested and received Options analysis has been completed 	B2B WG informs the Proponent of the outcome of Gate 1
2 - B2B WG Detailed Assessment	 ICF fully populated to the required standard Options analysis has been completed 	 Recommendation to the IEC determined IEC Paper has been prepared Inclusion into the next IEC Agenda has been confirmed 	B2B WG informs the Proponent of the outcome of Gate 2
3 - IEC Initial Assessment	 ICF populated to the required standard IEC paper completed and circulated 	 Additional information has been requested and provided, where applicable IEC decision confirmed 	• IEC informs the Proponent of the outcome of Gate 3
4 - IEC Change Pack creation	IEC decision to progress to Gate 4	 Change Pack prepared Inclusion of the ICF into the IEC Agenda has been confirmed 	IEC Change Pack ready for consultation
5 - Formal Consultation	Change Pack completed to IEC standards	IEC publishes Final Determination	ICF ready for implementation

Update on B010/23 - Extreme Weather Events



Mark Riley to provide an update at the meeting

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	Mark to resubmit the ICF using the new template
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	Mark Riley (AGL) to draft the initial ICF
B009/23	UMS Inventory OWN	 The UMS inventory file be updated to provide information needed by participants; The Obligation for providing that file remain in Metrology Part B; and The specifics are moved to the B2B OWN Procedure The specifics would provide a detailed file specification for the inventory file as part of an OWN Transaction. 	Mark Riley (AGL)	0 – ICF Preparation	Mark to resubmit the ICF using the new template
B010/23	Extreme Weather Event	 Inconsistency between physical and market NMI statuses at a point in time The physical NMI status and reason e.g. Active or Deenergised versus The market NMI status and underlying cause e.g. defect or bypassed 	Mark Riley (AGL)	1 - B2B WG Initial Assessment	Awaiting B2B WG feedback

ICFs Requiring Attention



ICF No	Title	Description	Proponent	Status	Next Step
B012/23	New Verify Meter Data Request Enumeration	 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'. The existing mixed enumeration (actual or Substitute) would be used where the retailer is continuing to bill the customer and billing can be adjusted. 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. The new enumeration can differentiate between the different data needs 	Mark Riley (AGL)	1 - B2B WG Initial Assessment	 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
B014/23	Managing in-flight service orders during a RoLR event	 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. 	Dino Ou (Intellihub)	1 - B2B WG Initial Assessment	Awaiting B2B WG feedback

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/sche ma	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	 The current definition places conditional criteria which is irrelevant for remote re-energisations and restricts its usage For certain remote re-energisation mechanisms: The E2E remote energisation process is managed by system processes Automatic load detection will trigger the metering installation to de-energise almost instantaneously The activity does not require the customer to be on site Referencing the customer not being present in an automated process, could create confusion with the recipient of the NOT COMPLETED Re-En Service Order. 	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	 Final Determination to be published by 18 Sept 2023 Effective date – 1 Nov 2023
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	 Final Determination to be published by 18 Sept 2023

Withdrawn ICFs



ICF No	Title	Description	Proponent	Status	Next Step
B013/23	Vacant Site CDN Clarification	 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. As such, the use of the vacant site CDN should only be used when the site is vacant, not when it is occupied. This ICF proposes an editorial amendment to clarify this matter. 	Mark Riley (AGL)	Withdrawn	 Awaiting B2B WG feedback ICF withdrawn in October 2023 meeting by Mark Riley

Notes

- B002/22 Alignment of B2B field lengths to B2M Procedures/schema and B004/22 B2B/B2M field lengths Address elements
 - Confirmation of effected fields and field lengths needs to occur in preparation for upcoming Q1/2 change pack
 - These 2 ICFs should be considered in combination with the ERCF ICF_078
- B005/22, B007/22 and B009/23
 - ICFs placed on hold until Q1 2024
 - Members questioning if these ICFs should actually progress
 - Action: 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
- B010/23 Extreme Weather Events
 - Proposal appears to be supported
 - Action: 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
- B012/23 New Verify Meter Data Request Enumeration
 - Actions 240823_06, 121023_05 and 121023_06 to be completed
- B014/23 Managing in-flight service orders during a RoLR event
 - NEM Rolr Part A and Part B changes to be consulted on in parallel, noting differences in governance authorities
 - B2B ICF to progress independently should material delays occur to proposed B2M/Part A changes
 - Members agreed that this ICF has now successfully exited Gate 1, and has now entered Gate 2 (B2B WG Detailed Assessment)
 - Action: Dino to update ICF B014/23 to ensure LNSPs are not impacted by suggested Part B RoLR changes
 - Action: AEMO to confirm which party (AEMO and/or the IEC) would be conducted the NER NEM RoLR consultation



RoLR Review Update

RoLR Review Update



- Dino Ou (Intellihub) has proposed a new ICF to address the issue that 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.
- Gareth Morrah (AEMO) conducted the first Industry meeting regarding the current information flows from AEMO systems to participants (when, what and to whom).
 - Key takeaways from the meeting included:
 - Management of distribution lists for notification of a RoLR event should be reviewed, i.e. how people get on it/off it.
 - Password management (reports sent from AEMO) should be reviewed.
 - Summary reports may be of no use unless there is advanced notification prior to distribution of the associated NMI lists. However, needs to be considered in the context of multiple RoLRs on a distribution network.
 - The after RoLR reports should be reviewed and improved. These are important for cross checking purposes.
 - Can the time frames for AEMO between processing the RoLR changes for a RoLR event and to provision of the reports to participants be shortened in the procedure (recognising that AEMO sends the RoLR reports to participant as soon as they are available currently).
 - Review clause 6.2 Part A for relevance what can AEMO do here to be comfortable that a report has been received by a
 participant
 - What is the purpose of the RoLR field in MSATS?
 - AER run RoLR trials, AEMO should reach out to the AER to see if anything can be learned from those trials

Next steps:

- AEMO to capture what was discussed and put together a set of requirements for review/consideration by industry.
- Once agreed, and assuming there will be procedure changes required, AEMO to target commencement of consultation of both part A and B RoLR procedures in March/April 2024.

Notes

- B2B members ongoing concerns over the perceived lack of transparency of NEM RoLR Part A changes
- Action: Gareth Morrah to provide additional transparency re the timing and outcomes of any required NEM RoLR Part A reviews
- Action: Gareth Morrah to demonstrate how B2M, B2B and reporting reviews will be completed and consulted on



Nov Face-to-Face Meeting Prep

Kate Gordon

Nov Face-to-Face Meeting Prep

AEMO

- 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 *
 - IEC final prep
 - Extreme Weather Event ICF
 - 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)

'The year that was (2023)'



Presenter - Mark Riley (AGL)

Item	Overview	Comments
May 2023 Release (Effective 30 May 2023)	 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 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 	 Implemented: Mandatory Notified Party for all re-energisation and de-energisation Service Orders Own Way Notification for Shared Fuse
IESS Assessment	The B2B-WG conducted a detailed review to consider if the implementation of the IESS Rule would likely impact the IEC's B2B Procedures	 Findings: No impact to B2B Procedures due to amendments to terminology. No impact to B2B Procedures due to the introduction of the Integrated Resource Provider (IRP) Potential changes required to non-National Electricity Rules (NER) Procedures, for example, the B2B eHub Accreditation document.
Information Data Exchange (IDX)	 IDX includes methods for formal B2B transactions and message communication among participants, including AEMO AEMO is conducting forums to gather feedback and develop a business case for implementing changes 	 The final business case needs to address: Participant costs Varied cost recovery models/timeframes A clear and achievable transition plan for whole of industry



'The year that was (2023)'

Item	Overview	Comments
NEM RoLR Consultation	 The NEM RoLR consultation sought to address: Gaps in the current RoLR B2B Customer Details Report provided by the suspended retailer to the RoLR that requires amendment. 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. 	 The treatment of inflight Service Order Requests to a non-LNSP service provider was descoped from the Consultation. This matter is expected to be consulted on as part of an IEC consultation in early to mid-2024.
Endorsed ICFs	 The following ICFs were presented to, and endorsed by the IEC: B002 - Alignment of B2B field lengths to B2M Procedures/schema (late 2022) B004 - B2B/B2M field lengths – Address elements (late 2022) B006 - PERSONNAME Definition Specification Correction B011 - Definition of Unknown Load Exception Code 	These ICFs are expected to be consulted on as part of an IEC consultation in Q2 2024.
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: Capacity limitations of the B2B-WG members Primary business commitments required of the B2B-WG members Resource limitations for smaller participants Skill set mismatch	The IEC approved the B2B-WG recommendation of Option 2 provided in the paper of an additional IEC funded resource.



'The year that was (2023)'

Item	Overview	Comments
B2B Guide Review	AEMO conducted a survey to understand what improvements could be made to the B2B Guide in late 2022. Responses noted: • The B2B Guide contained adequate information • Formatting required improvement • Structure required improvement • Provide better context to sections • Remove replicated / outdated content • Review relevance of the content • Provide link between the procedures and the guide	 Approach: Initial assessment conducted by one representative from each market sector
ICF template and assessment review	 Concerns were raised by the B2B-WG regarding: 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 Who has what role/responsibility in completing certain tasks associated to IEC consultations 	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.
Metering Services Review Working Group (MSR-WG)	 Identify suboptimal aspects of the AEMC's Final Report, to help inform AEMC Rule Change submissions Develop key artifacts/content to inform the ERCF, B2B-WG, AEMC and other key stakeholders of potential MSR considerations and impacts Support AEMO and the IEC in preparing for, and executing, Procedural consultations 	 First 2 workshops have been conducted Workshop #1 focused on agreeing recommendation priorities and commencing initial assessment Workshop #2 continued the assessment of items





Presenter - Sean Jennings (Red/Lumo)

Item	Overview	Comments
Q2 IEC Consultation	 Consultation to include: IEC ICFs B002 – B2B Field and Field Lengths B004 – Alignment of the B2B Field Lengths to AS4590 B006 – PERSONNAME Definition Specification Correction B011 – Definition of Unknown Load Exception Code Metering Services Review (MSR) Retailer of Last Resort (RoLR) - in-flight service orders 	 Indicative timings IEC Change Pack engagement Q1 2024 IEC Consultation commencement Q2 2024
AEMC Metering Services Review Rule Change consultation	 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. The proposed rules mirror the recommendations contained in the AEMC's final report Rule change request does not include the AEMC's recommendations in relation to real-time data.' 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). 	 AEMC indicative consultation and Rule effective date timings and proposed processes problematic MSR-WG reps directly engaging the AEMC to share risks, issues and preferred outcomes IEC Change Pack engagement likely Q3 2024





Item	Overview	Comments
AEMC Unlocking CER benefits through Flexible Trading consultation	 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: 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). 	 Indicative timings AEMC Draft Determination deferred to 29 February 2024, AEMC Final Determination potentially July 2024 IEC Change Pack Engagement Q4 2024/Q1 2025 IEC Consultation commencement Q4 2024/Q1 2025
IDX	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.	 Business case development to conclude early 2024 Implementation expected to occur across multiple tranches through to 2028
Life support Rule Change	 Draft Rule Change proposal includes 4 key opportunities: A more targeted definition of Life Support Equipment A National Template Medical Form Access to template back-up plans Co-designed national awareness and engagement campaigns 	 Consultation timings are still unclear Potential B2B impacts TBD in due course
'Other Watch items'	 Additional ICFs Other NEM reform related initiatives e.g. Project Edge and Project Edith 	 AEMO project reps to present to the IEC as applicable

Notes

- B2B-WG agreed to start the face-to-face meeting at 9am (Melbourne time) on 28 Nov 2023
- Mark Riley volunteered to speak to the 'Year that was' slides and Sean Jennings to the 'Year that will be' slides, at the IEC meeting
- Slides have been updated to align to the WG discussion, including the inclusion of additional items for 2023 and 2024
- Action: B2B-WG to provide final feedback re the proposed IEC presentation slides
- Re 2024 meeting cadence and approach, suggestion made to consider aligning the MSR-WG and B2B-WG face to-face meetings, where
 appropriate
- Action: AEMO to request Gareth Morrah (AEMO) to attend the RoLR agenda item virtually at the Nov face-to-face meeting



Unlocking CER benefits through Flexible Trading

Blaine Miner



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 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.





- 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 FSB 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).

Source: Unlocking CER Benefits through flexible trading Public Forum 16 Oct 2023



Separately identifying and managing flexible CER – metering configurations



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 meterbut approved by National Measurement Institute.



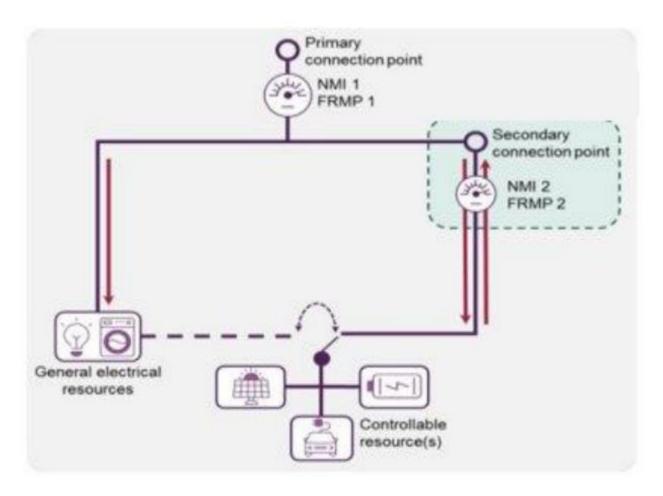
OPTION 3 Configuration (existing)

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





AEMC Indicative Rule Change Timings





Source: Unlocking CER Benefits through flexible trading Public Forum 16 Oct 2023

Members raised:

- The potential benefits of creating a timeline view/slide, like what Paul Greenwood initiated for MSR, with the assumption that B2M and B2B consultation requirements will be required
- 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
- Action: 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.
- The benefits of considering potential B2B impacts now to more effectively engage with the AEMC during its Rule Change consultation process
- Action: AEMO to allocate time at the Nov face-to-face meeting to further discuss FTA timings, potential impact areas and key questions
- Action: AEMO to provide the B2B-WG an initial draft of the indicative FTA timelines
- The potential impact of moving away from NMI to Settlement Points
- The AEMC has just sent out a request for nominations to a Technical Working Group, by invitation only, first meeting scheduled for 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



B2M Update

Kate Gordon





(Provided for B2BWG visibility, questions and consideration)

Forum/Consultation	Description	Update
ERCF	 Primary B2M change channel where interested parties can collaboratively participate in the enhancement of the Retail Electricity Market Procedures Framework 	 9 Open ICFs (refer to the Appendix further details) ICFs recently implemented: ICF 060 effective 1 October 2023 ICFs 059, 069, 074, 075 effective 1 November 2023
'July REMP' Consultation	 Scope includes: ICF_072 - New Net System Load Profile (NSLP) Longer-term Methodology ICF_054 - Substitution Types review ICF_073 - Summation Metering Changes Metering Coordinator access to NMI Standing 	 Final Determination to be published by Friday 15 December 2023 https://aemo.com.au/consultations/current-and-closed-consultations/july-2023-retail-electricity-market-procedures-consultation

- Kate Gordon (AEMO) provided a B2M Update based on the B2M Update slide and Appendix associated slides
- A new ERCF Subgroup has been established, which will meet for the first time on Monday 13 Nov 2023
- A 'Consolidated Responses' document has been published to AEMO's webpage, in response to member request, re the July 2023 Consultation Draft Report
- Blaine Miner mentioned that the Metering Exemption Automation Survey closes Friday 10 Nov 2023



MSR WG Update

Blaine Miner

MSR WG Update

AEMO

- Update to be provided at the meeting
- Workshop dates:
 - 1-3 November, Melbourne
 - 23-24 November, Melbourne



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		

- Blaine Miner provided a brief overview of Workshop 1 outcomes and expected areas of focus for Workshop 2 (Shared Fusing and key AEMC messages)
- Blaine confirmed that MSR-WG reps are meeting with the AEMC on Friday 17 Nov 2023 to discuss outcomes from Workshop 1



B2B Guide Improvement Review Update

David Woods (SAPN)

Mark Riley (AGL)

Paul Greenwood (Vector Metering)





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



AEMO

- 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

• No additional actions or notes were captured



'What's on the B2B horizon?'

Blaine Miner

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

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

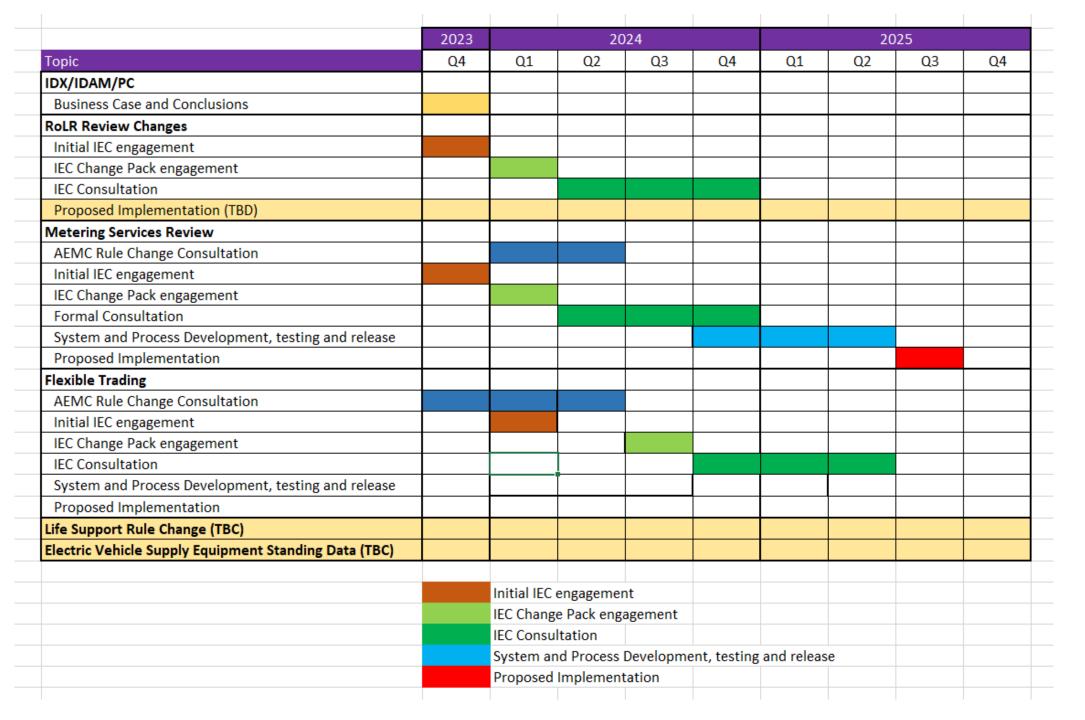
Session 1	Session 2	Session 3A	Session 3B			Session 4C	Session 5		Session 5B		Session 6B	
22 Mar	17 Apr	15 May	22 May	26 Jul	2 Aug	17 Aug	21 Sep	16 Nov	30 Nov	17 Jan	14 Feb	
2023———————										≥ 2024 — —		

Session	Introduction	Discovery	Target State	Transition Strategy	Cost & Method	Business Case
Agenda	Introduce initiativesOutline workshop plan	Pain points and benefitsSurvey	Concept walkthroughSurvey	Transition StrategyImpacts & BenefitsSurvey	 Industry and AEMO costs Assumptions, options and methodology 	 Walkthrough of draft business case Assessment and completion 57

'What's coming on the horizon'



Topic	Timing	Next Milestone	Comments
IDX (Information Data Exchange)	Immediate	Conclusions and Business Case	• Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)
IDAM (Identity and Access Mgt)	Immediate	Conclusions and Business Case	 Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)
Portal Consolidation (PC)	Immediate	Conclusions and Business Case	Session 5 (21 Sept), 5A (16 Nov) and 5B (29 Nov)
Review of the regulatory framework for metering services	Immediate	AEMC Final Report published	 MSR-WG established Other indictive timings: Final Rules Q3 2024 Rule implementation 1 July 2025 https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services
Unlocking CER benefits through Flexible Trading	Immediate	AEMC Consultation in progress	 Indicative Consultation Timings: Draft determination or draft rule 29 February 2024 Stakeholder submissions due late March 2024 Final determination or final rule July 2024
Potential Life Support Rule Change	Short/Medium term	Stakeholder sessions occurred last month	 Energy Sector (10 Oct), Consumer and patient (19 Oct) and Medical professionals (24 Oct) #BetterTogether Life Support Customers Initiative - The Energy Charter
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)	 The ESB is seeking stakeholder feedback on the rationale and options for capturing 'standing data' for new EVSE installations presented within the consultation paper. Ensure that agencies and market participants have sufficient visibility of emerging electric vehicle supply equipment (EVSE) for effective planning and management of the system





- Blaine Miner spoke to the latest dates associated to the IDX/IDAM/PC business case
- Action: AEMO to add ICFs, into the 'What's coming on the horizon' timeline slide
- A member raised the risk of members having to create and implement temporary workarounds re MSR timelines not being achievable
- Action: 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)



Forward Agenda

Kate Gordon

Forward Agenda



Month	Proposed Agenda	Meeting Type
November (Tues 28 to Wed 29)	 Standing agenda items * B2B WG meeting RoLR Review update MSR WG Update B2B Guide improvement review update 2024 IEC Meeting Roster Proposed 2024 meeting cadence, timings and approach (face-to-face vs virtual) IEC engagement 'The year that was' 'The year that will be' 	Face-to-face (Melbourne) Tues 28 Nov (B2B) / Wed 29 (B2B and IEC)

No meetings planned for December 2023 AND January 2024

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

• No additional actions or notes were captured



General Business

Blaine Miner





Other Business

- Next meeting: face-to-face 28-29 Nov in Melbourne
- No meeting scheduled for Dec 2023 and Jan 2024
- Any other business items?

• No additional actions or notes were captured



Appendix

2023 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
29 Nov 2023	All sectors	All members	IEC has requested for the B2B WG to attend the IEC's face-to-face meeting 29 November in Melbourne

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	Refer to the update slide in this pack
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 5MS 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
Increase 'Building Name' Field Length in MSATS	MSATS to be updated to align to the Procedure and Australian Standards i.e. xsd:string maxLen = 30×2 therefore allowing for 60 characters in MSATS.	Wayne Turner (Ausgrid)	070	Nov 2022	Effective from 1 November 2024
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	Preliminary assessment is in progress. To be considered by the subgroup.

ICF Register Update

AEMO

(Under Consultation – July 2023 REMP Consultation)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Month ICF Raised	Current Status/Update
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. To be considered by the subgroup.
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	Jan 2022	Responses to the Draft Report due by 3 Nov 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	Feb 2023	Responses to the Draft Report due by 3 Nov 2023

ICF Register Update

AEMO

(Under Consultation – July 2023 REMP Consultation)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Month ICF Raised	Current Status/Update
Metrology Part A – Summation Metering Changes	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. The revised clause 5 proposed to allow three types of summation arrangements, which are: 1. HV breaker-and-a-half schemes 2. HV single transformer fed by multiple parallel cables 3. Cross boundary supply single transformer with multiple LV Circuits	Dominik Ziomek (AEMO)	073	May 2023	Responses to the Draft Report due by 3 Nov 2023



For more information visit

aemo.com.au