

B2B Working Group

8 and 24 August 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 information being shared.
- 3. Having your video turned off helps with performance and minimises distractions.
- 4. We ask that you utilise the 'Chat' function for any questions or comments you may have. This aids note keeping and keeps discussions flowing smoothly.
- 5. Raise your hand if you wish to speak to an item. This keeps conversations orderly.
- 6. If you have dialled in via phone, please email B2BWG@aemo.com.au your name and organisation for our records.
- 7. If your name appears abbreviated on Teams, please add your name and organisation to the chat for our records.
- 8. 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

Agenda

AEMO

- 1. Welcome & Agenda
- 2. Actions Log
- 3. B2M Update
- 4. NEM B2B RoLR Changes Consultation
- 5. ICF Consultation
- 6. B2B Change Process
- 7. IEC ICF Updates
- 8. RoLR Review Update
 - AEMO progress
 - Review of inflight service orders progress
- 9. B2B Guide improvement review update
- 10. 'What's on the B2B horizon?'
- 11. Forward Agenda
- 12. Other Business
- 13. Appendix
 - IEC Meeting Roster
 - ERCF ICF Register



Actions Log

Blaine Miner (AEMO)

Actions Log

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Action	Topic	Description	Status	Responsible	Due Date	Comments
1309-01	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	On Hold	B2B WG	Sept 2023	Post the AEMC MSR Final Report, expected Late Aug/Sept 2023
1309-02	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	On Hold	B2B WG	Sept 2023	Post the AEMC MSR Final Report, expected Late Aug/Sept 2023
090323_5	NEM 2025 Initial Assessment	The B2B-WG to populate the NEM 2025 Initial Assessment spreadsheet prior to next months' meeting to support further discussion/progress	Closed	B2B WG	TBC	Discussed at the July monthly meeting
090323_11	Discrepancy between B2B SO Process and B2B Guide (V3.7)	B007/22 Mark Riley (AGL) to draft the initial ICF re the discrepancy between B2B SO Process and B2B Guide for FormReference and FormNumber fields	Open	Mark Riley	Next meeting	
130723_01	Consultation accountabilities and resourcing	AEMO to provide Paul the IEC issues paper template	Closed	AEMO		Template provided
130723_02	NEM B2B RoLR Changes Consultation	Aakash to circulate the summarised responses and proposed IEC responses by Tuesday 18 July	Closed	Aakash Sembey		Summarised responses circulated
130723_03	NEM B2B RoLR Changes Consultation	Final feedback being sought from the B2B-WG via circular by Friday 21 July	Closed	B2B WG		Feedback received
130723_04	NEM B2B RoLR Changes Consultation	Meeting proposed for Thursday 20 July to discuss any unresolved issues	Closed	B2B WG		Meeting occurred
130723_05	IEC IESS B2B Consultation	AEMO to review the B2B eHub Accreditation document for potential IESS impacts	Closed	AEMO		Minor changes have been identified, to be consulted on in due course
130723_06	IEC IESS B2B Consultation	Mark Riley (AGL), David Woods (SAPN) and Paul Greenwood (Vector) to review the B2B Guide for potential IESS impacts	Open	Mark, David and Paul	Next meeting	
130723_07	IEC IESS B2B Consultation	Dino Ou (Intellihub) to draft a paper for B2B WG communicating to the IEC why the B2B WG does not believe an NER consultation is required to implement IESS for B2B	Closed	Dino Ou		Draft paper prepared, awaiting final edits prior to inclusion into the IEC pack

Actions Log



Action	Topic	Description	Status	Responsible	Due Date	Comments
130723_08	Review of inflight service orders for ROLR Event	Proposed Next Steps as per Dino's slide	Open	B2B WG	ТВС	Industry workshops progressing
130723_09	IEC ICF Updates	AEMO to provide Mark with an Issues Paper template and the 4 ICFs re the proposed consultation	Closed	AEMO		Provided 17 July
130723_10	IEC ICF Updates	Mark Riley to draft the IEC Consultation Cover Paper and Change Pack	Closed	Mark Riley	Next meeting	B2B WG decided not to proceed with this Consultation
130723_11	IEC ICF Updates	B2B WG to ensure that the required IEC cover paper and Change pack, supporting the next consultation, is provided to AEMO prior to the cut-off for IEC materials to be sent out supporting the next IEC meeting on 28 August 2023	Closed	B2B WG	TBC	B2B WG decided not to proceed with this Consultation
130723_12	Definition of Unknown Load ExceptionCode ICF	Helen Vassos (Plus ES) to amend the ICF with the new wording and circulate	Closed	Helen Vassos		Amended ICF received
130723_13	NEM Reform Roadmap Initiatives	AEMO to provide information on 'FRC Target State'	Closed	AEMO	Next meeting	No additional information available, initial scoping has not yet commenced. AEMO resources are currently allocated to the IDX, IDAM and PC initiatives
130723_14	NEM Reform Roadmap Initiatives	AEMO to add requested initiatives to the Forward Plan	Closed	AEMO	Next meeting	Initiatives included
130723_15	Forward Agenda	AEMO to add Paul Greenwood's IEC Consultation Resourcing issue paper to the next agenda	Closed	AEMO		To be discussed as part of the 'B2B Change Process' agenda item
130723_16	Forward Agenda	AEMO to propose agenda/timings for face-to-face meeting in Brisbane in September	Closed	AEMO		Indictive timings suggested under 'Other Business'

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



B2M Update

Kate Gordon (AEMO)





(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	 13 Open ICFs (refer to the Appendix further details) 1 New ICF: Magnitude of generation and consumption at a NMI
Integrated Energy Storage Systems (IESS)	 The Commission's final rule makes a number of changes that better integrate storage into the NEM, including a new registration category, the Integrated Resource Provider (IRP), that allows storage and hybrids to register and participate in a single registration category rather than under two different categories. Includes ICFs - 059 and 070 	Final Determination due to be published by Monday 18 September 2023
Metering Installation Exemption Automation	Update or remove content from the Metering Exemptions Procedures to account for the new exemption automation	 Final Determination due to be published by Monday 21 August 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 	Submissions to the initial stage closes Thursday 24 August 2023
Minor Amendment Process	 Scope includes: ICF_074 - MDPs to receive REJ and CAN notifications for CR5050 & 5051 ICF_075 - Updated wording re CATS LCCD Current FRMP Obligations 	Expected to commence mid-August

- Blaine Miner (AEMO) spoke to the B2M Update slide
- No additional notes or actions were captured



NEM B2B RoLR Changes Consultation

Aakash Sembey (Origin)





Milestone	Indicative Date
First Stage	Thursday, 2 March 2023
Submissions Close	Friday, 31 March 2023
Draft Determination	Friday, 9 June 2023
Submissions Close	Monday, 10 July 2023
Final Determination	Monday, 18 September 2023



NEM RoLR Processes (Part B) Procedure - Customer Details Enhancement

Tasks	Responsibility	Status	Start Date	End Date
Submissions due on Final Report			Monday, 10 July 2023	Monday, 18 September 2023
Response Submissions				
Respond to each email as per standard wording and signature	Kate Gordon	Completed	Tuesday, 11 July 2023	Tuesday, 11 July 2023
Publish PDF Submissions to webpage	Kate Gordon	Completed	Tuesday, 11 July 2023	Wednesday, 12 July 2023
Final Report				
Summarise submissions, including key matters, for the B2B WG's consideration	Aakash Sembey	Completed	Tuesday, 11 July 2023	Tuesday, 18 July 2023
Engage B2B WG to confirm next steps	Aakash Sembey	Completed	Tuesday, 18 July 2023	Friday, 21 July 2023
Draft Final Determination Report	Aakash Sembey	Completed	Monday, 24 July 2023	Wednesday, 16 August 2023
Track change Final procedure	Aakash Sembey	Completed	Monday, 24 July 2023	Wednesday, 16 August 2023
Circulate Final Determination Report materials to the B2B WG for comment	Aakash Sembey	Completed	Wednesday, 16 August 2023	Wednesday, 16 August 2023
Receive B2B WG feedback	Aakash Sembey	Completed	Wednesday, 16 August 2023	Monday, 21 August 2023
Consider B2B-WG feedback	Aakash Sembey	Completed	Tuesday, 22 August 2023	Friday, 25 August 2023
Obtain AEMO endorsement	Kate Gordon	In progress	Monday, 28 August 2023	Friday, 1 September 2023
Obtain Legal review	Kate Gordon		Monday, 4 September 2023	Thursday, 7 September 2023
Obtain IEC endorsement	Aakash Sembey		Friday, 8 September 2023	Wednesday, 13 September 2023
Prepare change pack for publishing	Kate Gordon		Wednesday, 13 September 2023	Thursday, 14 September 2023
Email to broad distribution group	Kate Gordon		Monday, 18 September 2023	Monday, 18 September 2023
Final Determination Report published			Monday, 18 September 2023	Monday, 18 September 2023
Check webpage correct	Aakash Sembey		Monday, 18 September 2023	Monday, 18 September 2023

- Aakash Sembey (Origin) provided an update regarding tasks supporting the publishing of the Final Determination
 - Final Determination is currently on-track
 - AEMO is now progressing its internal and Legal reviews



ICF Consultation

Mark Riley (AGL)

ICF Consultation

• Mark to provide update



- The B2B WG decided not to proceed with the proposed ICF consultation at this stage
- ICFs B006 and B011 are to be presented to the IEC for their consideration at the IEC's next quarterly meeting, scheduled for 28 Aug 2023



B2B Change Process

B2B Change Process



- The IEC's B2B Change Process is currently published to AEMO's website
 - https://aemo.com.au/-/media/files/stakeholder consultation/working groups/retail meetings/iec/b2b-change-process-v10.pdf
- This change process specifies:
 - The Governance arrangements, roles, and responsibilities of the IEC, B2B-WG, AEMO, and different industry bodies within the National Electricity Market (NEM)
 - The process for managing changes and issues via the IEC and B2B-WG
 - The timeframes associated with the change process
 - The tools and requirements to assist in the development of the Issue / Change Form (ICF) submission to the IEC.
 - The change process steps
 - Concept to Consultation
 - The B2B Procedure Pre-Consultation Change Process Flow
 - B2B-WG ICF development process
- Issue:
 - Concerns have been raised 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
- Objective of this discussion:
 - Ensure we have a shared understanding of the IEC's obligations under the NER re proposed B2B changes
 - Determine if the B2B WG's processes are appropriately supporting these obligations e.g. ICF due diligence
 - Determine if the IEC's change process could be improved to better communicate roles and responsibilities

NER Obligations



• NER 17.7.4:

- f) Any person (other than the Information Exchange Committee) may propose a change to the B2B Procedures by providing a change proposal to the Information Exchange Committee in writing. A change proposal must provide details of the proposed change to the B2B Procedure and supporting information, including reasons for the proposed change.
- g) Within 25 business days of receipt by the Information Exchange Committee of a proposal under paragraph (f), the Information Exchange Committee must meet to determine whether, on a prima facie basis, changing the B2B Procedures is warranted having regard to the national electricity objective and the B2B factors and considering the B2B Principles.
- h) If, after its consideration under paragraph (g), the Information Exchange Committee decides that the proposal made under paragraph (f) should not be considered further, the Information Exchange Committee must within five business days provide written reasons for that decision to the person who made the proposal.
- i) If, after its consideration under paragraph (g), the Information Exchange Committee decides that the proposal made under paragraph (f) should be considered further, the Information Exchange Committee must:
 - f) develop the proposal into a B2B Proposal (which may differ from the proposal originally made) and an accompanying B2B Procedures Change Pack for consultation; and
 - g) seek AEMO's advice on whether:
 - f) a conflict with the Market Settlement and Transfer Solution Procedures arises from the B2B Proposal; and
 - changes are required to the B2B e-Hub in order to deliver the B2B Proposal and, if so, the likely costs of making such changes, and include any such advice in the B2B Procedures Change Pack.

B2B Change Process – Further Detail



Concept to Consultation

- i. Any changes to the ICF are visible to the proponent.
- ii. Due diligence and attention to detail is undertaken.
- iii. Changes consider and have regard to the B2B Factors, the B2B Principles, the NEO, and (where the change relates to provisions in the NERR or NERL) the NERO.
- iv. Changes have the relevant 'head of power' under the National Electricity Law, National Electricity Rules, National Energy Retail Law, National Energy Retail Rules, and any relevant jurisdictional codes.
- v. Material changes pass a formal legal review before consultation.

• The B2B Procedure Pre-Consultation Change Process Flow

- Step 1: Submit Issue / Change Form (ICF)
- Steps 2 6: IEC reviews and considers ICF, confirms with proponent and B2B-WG
- Step 7: IEC gives notification of rejection/procession
- Step 8: Rule / Regulation change (Final Determination)
- Steps 9 10: IEC considers solutions to meet requirements
- Steps 11 12: IEC considers solutions to meet requirements
- Steps 13–14: Develop B2B Procedures Change Pack
- Step 15: Commence Rules consultation procedures

B2B-WG ICF development process

- Discussion paper
- AEMO technical review
- Other working groups
- Draft transactions and / or procedure changes
- Rules consultation procedures

B2B Change Process – Further Detail



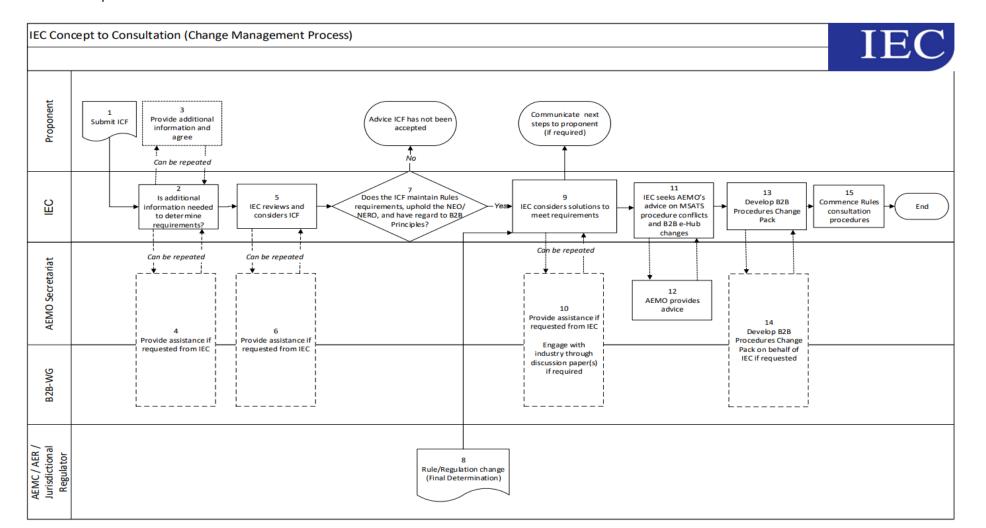
- ICF Acceptance Criteria
 - Completeness
 - Each section of the ICF will need to be filled out in accordance with the table in the B2B Change Process document.
 - Content
 - Where no information is provided in a section of the ICF, the IEC may request further information from initiating proponent if required.
- Accepting / Rejecting the ICF
 - An ICF that is complete and whose content is deemed to be adequate by the IEC will be processed by the IEC in accordance with this document (i.e. it will proceed to Step 6 / 7 in the flow chart).
 - The IEC Secretariat will allocate a unique reference for traceability throughout the lifecycle of the ICF and notify the proponent that the ICF has been accepted.
 - The IEC reserves the right to reject an incomplete ICF or any ICF proposing changes that are contrary to any Rules obligations or fail to uphold the objectives of the B2B Principles, the NEO, and (where the change relates to provisions in the National Energy Retail Law or National Energy Retail Rules) the NERO.
 - If an ICF is rejected, the IEC will send a notification to the proponent indicating that the proposed ICF has not been accepted and, where necessary, any guidance for resubmission where further information is required.

Pre-consultation Change Process Flow



4.2 B2B Procedure Pre-Consultation Change Process Flow

The following diagram illustrates the BAU Concept to Consultation phase, from submission of the ICF through to the commencement of the formal Rules consultation procedures.



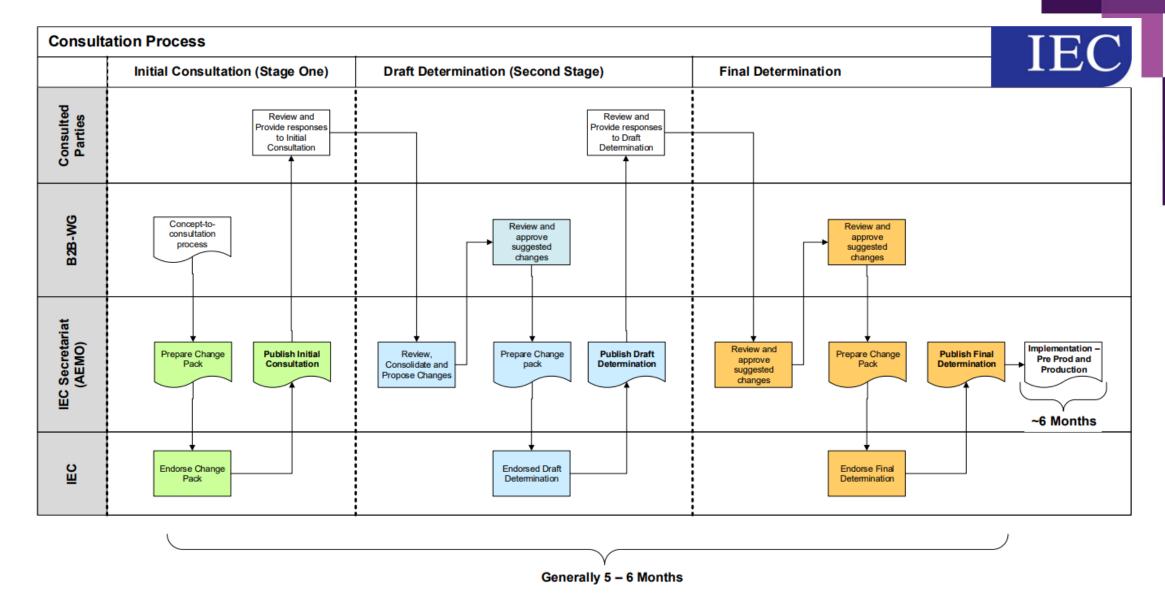
Items to Consider



- Does the current Pre-consultation Change Process Flow appropriately reflect the recommended process?
- Should the 'AEMO Secretariat' swim lane be updated to 'AEMO'?
 - Is this labelling causing unintended confusion around roles and responsibilities?
- Are we applying sufficient effort upfront to ensure:
 - An ICF contains sufficient detail to clearly explain the issue or change
 - An ICF contains sufficient justification as to why the ICF should be progressed i.e. the current impacts to customers and Participants are provided and the potential benefits and costs in resolving the issue is also provided
 - The IEC has the information it requires to 'accept' or 'reject' the proposed ICF
 - We can demonstrate that the expected level of due diligence has been satisfied

Consultation Process Flow





Roles and Responsibilities



- Concerns have been raised regarding the role and capacity of the B2B WG members and AEMO to support various tasks associated with the B2B change process, including Consultation preparation and execution
- In determining which party should have certain responsibilities, we must consider:
 - The skillsets of the parties
 - The obligations of the parties
 - The capacity of the parties
 - The most efficient option, while not compromising the quality of the outcome
 - Scenarios where responsibilities may change e.g. due to constraints, level of neutrality, etc.

High-level Consultation Phases



Pre-formal consultation activities

Activity	Responsibility	Comments
ICF development	Proponent	Proponent responsible to populate the ICF to the level of detail required from the IEC/B2BWG
ICF assessment	B2B WG	B2B WG ensures expected level of due diligence and attention to detail has been achieved
ICF IEC engagement	B2B WG member, supported by AEMO	Presenting B2B WG member plus AEMO work together to satisfy IEC requirements

• Formal consultation activities (assumes a robust ICF process and standard NER consultation process)

Activity	Responsibility	Comments
Consultation Preparation	B2B WG supported by AEMO	B2B WG determine the proposed scope and timings of consultations
Change Pack Development	B2B WG supported by AEMO	IEC Paper and associated Change Pack created
IEC engagement	B2B WG member, supported by AEMO	Nominated B2B WG member works with AEMO to engage and present proposed consultation content to the IEC

Detailed Consultation tasks



Task #	Task	Responsibility	Comments
1	Initial drafting of the Consultation Paper	AEMO	Relies on existing content being available e.g. final ICF. AEMO is not expected to provide SME knowledge/content.
2	Review and finalise Consultation Paper	B2B WG	AEMO to call meetings and consolidate feedback as required
3	Prepare change marked Procedures	B2B WG	
4	Prepare Notice of First Stage Consultation	AEMO	Reflecting content from the final Consultation Paper
5	Prepare submission response table	AEMO	Reflecting questions in the final Consultation Paper
6	Coordinate AEMO and Legal Reviews	AEMO	
7	Draft IEC consultation cover paper	AEMO	Relies on final issues paper being completed
8	Finalise Consultation materials	B2B WG	AEMO to call meetings and consolidate feedback as required
9	Coordinate IEC engagement	AEMO	AEMO to package the consultation materials and engages the IEC
10	Communicate IEC decision	AEMO	IEC Secretariat informs the B2B WG of additional IEC requirements or IEC decision
11	Respond to IEC questions, clarifications and requests for additional information	B2B WG	AEMO to forward queries to the B2B WG for response
12	Organise for the consultation to be published	AEMO	
13	Prepare and execute Stakeholder communications	AEMO	
14	Respond to queries raised by stakeholders	B2B WG	AEMO to forward queries to the B2B WG for response
15	Confirm reception of submissions	AEMO	
16	Collate, circulate and publish submissions received	AEMO	
17	Determine submission responses	B2B WG	AEMO to call meetings and consolidate feedback as requested by the B2B WG
18	Execute next stage consultation	Shared	Repeat steps 1-17 as applicable

Detailed Drafting tasks

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	First stage	RESP	Inputs
	Table of Contents	AEMO	
	Notice of consultation	AEMO	Template
	Matters under consultation	AEMO	Section 2.
	The consultation process	AEMO	
	1. Background	AEMO	
	1.1 Issues statement and scope	AEMO	ICF
	1.2 Proposed Consultation plan	AEMO	101
	2. Proposed Changes	B2BWG	ICF
	2.1	B2BWG B2BWG	
	2.2		
		B2BWG	
	2.n	B2BWG	ICF
<u>.</u>	2.5 B2B Principles	AEMO	ICF
_ ₫	2.6 B2B Factors	AEMO	ICF
ba	2.7 Benefits	AEMO	ICF
S.	2.8 Costs	AEMO	ICF
ssues paper	2.9 MSATS Procedures	45840	T
<u>s</u>	2.9 MSATS Procedures	AEMO	Template/ICF
	2.10 Questions on proposed changes	AEMO	
	3. B2B Proposal	AEMO	
	Glossary	AEMO	
	Tables		
	Table 1 Summary of Proposal	AEMO	
	Table 2 Summary of consultation stages	AEMO	
	Table 3 B2B-WG members by sector	AEMO	
	Table 4 Change effective dates	AEMO	
	Table 5 Plan	AEMO	
Response template		45140	
2 E	Issues paper questions	AEMO	Issue paper
ਲ ਛੱ	Procedure Change Table (determined by		
Re	proposed changes)	AEMO	Template
	CUSTOMER AND SITE DETAILS	7121110	remplate
es.	NOTIFICATION PROCESS	B2BWG	ICF
_5	METER DATA PROCESS	B2BWG	
l b			
l ŝ	ONE WAY NOTIFICATION PROCESS	B2BWG	ICF
l L	SERVICE ORDER PROCESS	B2BWG	
Draft Procedures	SERVICE STREET ROCESS	220110	
a e	TECHNICAL DELIVERY SPECIFICATION	B2BWG	ICF
_ <u> </u>	. Ed		
	B2B GUIDE	B2BWG	ICF

	Second stage	RESP	Inputs
	Table of Contents	AEMO	
	Matters under consultation	AEMO	
	The consultation process	AEMO	
	Changes betweeen the Issues Paper and Draft Report	AEMO	
	1. Background	AEMO	
	1.1 Issues statement and scope	AEMO	ICF
	1.2 Proposed Consultation plan	AEMO	ici
			First stars Cubarissians
	2. Proposed Changes		First stage Submissions
	2.1.1 Issue Summary and submissions	B2BWG	First stage Submissions
	2.1.2 IEC assessment and conclusion	B2BWG	First stage Submissions
	2.2.1 Issue Summary and submissions	B2BWG	First stage Submissions
	2.2.2 IEC assessment and conclusion	B2BWG	First stage Submissions
۲	2.5 B2B Principles	AEMO	ICF
Draft Report	2.6 B2B Factors	AEMO	ICF
Q.	2.7 Benefits	AEMO	ICF
~	2.8 Costs	AEMO	ICF
£	2.9 MSATS Procedures	AEMO	ICF
<u>o</u>	2.10 Questions on proposed changes	AEMO	
ቯ	3. B2B Proposal	AEMO	
	4. Glossary	AEMO	
	· ·		
	5. Summary of submissions in response to issue Paper	AEMO	
	- Preparation of submission tables - Collate responses into	45140	F
	issue number and participant id order	AEMO	First stage Submissions
	- Identify non-substantive issues (editorials) - Update	45840	First stars Cubusiasiasa
	Procedures?	AEMO	First stage Submissions
	- Identify substantive issues for B2BWG to review	AEMO	First stage Submissions
	- Review and resolve substantive issues - Provide updated		
	procedures	B2BWG	First stage Submissions
	Tables		
	Table 1 Summary of Proposal	AEMO	
	Table 2 Summary of consultation stages	AEMO	
	Table 3 B2B-WG members by sector	AEMO	
	Table 4 Change effective dates	AEMO	
	Table 5 Plan	AEMO	
0 % E 4	leaves namer avections	AEMO	Issue paper
Respo nse templ ate			
<u> </u>	Procedure Change Table (determined by draft changes)	AEMO	Template
S	CUSTOMER AND SITE DETAILS NOTIFICATION PROCESS	B2BWG	First stage Submissions
dur	METER DATA PROCESS	B2BWG	First stage Submissions
Draft Procedures	ONE WAY NOTIFICATION PROCESS	B2BWG	First stage Submissions
aft P	SERVICE ORDER PROCESS	B2BWG	First stage Submissions
מנ	TECHNICAL DELIVERY SPECIFICATION	R2RWG	First stage Submissions
-	B2B GUIDE		First stage Submissions
	שבט טטוטב	DZDWG	That stage audithissions

			AEMO
	Final Report	RESP	Inputs
	Table of Contents	AEMO	
	The consultation process Changes between the Issues Paper and Draft	AEMO	Draft report
	Report Changes between the Draft report and Final	AEMO	Draft report
	Report 1. Background	AEMO AEMO	
	1.1 Issues statement and scope 1.2 Consultation plan	AEMO AEMO	Draft report
	Procedures Effective Dates		
	2. Changes	B2BWG	Submissions
	2.1.1 Issue Summary and submissions	B2BWG	Submissions
Final Report	2.1.2 IEC assessment and conclusion	B2BWG	Submissions
	2.2.1 Issue Summary and submissions	B2BWG	Submissions
	2.2.2 IEC assessment and conclusion	B2BWG	Submissions
	2.5 B2B Principles	AEMO	Draft report
	2.6 B2B Factors	AEMO	Draft report
	2.7 Benefits	AEMO	Draft report
	2.8 Costs	AEMO	Draft report
	2.9 MSATS Procedures	AEMO	Draft report
	3. B2B Proposal 13	AEMO	
	4. Glossary	AEMO .	
	Summary of submissions in response to Draf Report	τ	
	- Preparation of submission tables - Collate		
	responses into issue number and participant id		
	order	AEMO	
	- Identify non-substantive issues (editorials) - Update Procedures?	AEMO	
	- Identify substantive issues for B2BWG to	7120	
	review	AEMO	
	- Review and resolve substantiuve issues -		
	Provide updated procedures Tables	B2BWG	
	Table 1 Summary of Proposal	AEMO	
	Table 2 Summary of consultation stages	AEMO	
	Table 3 B2B-WG members by sector	AEMO	
	Table 4 Change effective dates	AEMO	
	Table 5 Plan CUSTOMER AND SITE DETAILS NOTIFICATION	AEMO	
Final Procedures	PROCESS	B2BWG	ICF
	METER DATA PROCESS	B2BWG	ICF
	ONE WAY NOTIFICATION PROCESS	B2BWG	ICF
	SERVICE ORDER PROCESS	B2BWG	ICF
	TECHNICAL DELIVERY SPECIFICATION	B2BWG	ICF
	B2B GUIDE	B2BWG	ICF

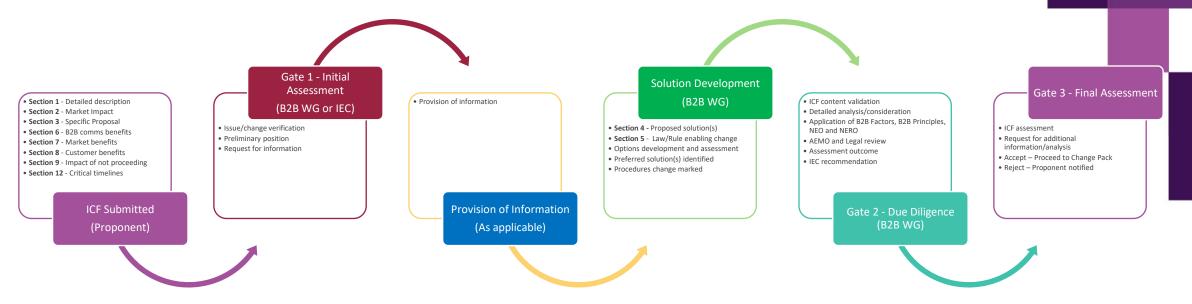
- Blaine Miner (AEMO) spoke to the 'B2B Change Process' slides
- Various comments and views were raised regarding ongoing resourcing
- Blaine Miner (AEMO) stated that he would be supportive of AEMO taking on more consultation task responsibilities IF
 the B2BWG's ICF assessment processes were reviewed and strengthened i.e. ensure that ICFs were updated progressively
 during the various assessment stages to ensure that the required level of detail, including proposed changes to impacted
 Procedures, were fully documented prior to formal consultation

Actions:

- Paul Greenwood (Vector Metering) to email WG members to establish the B2B WG's position(s) re accountabilities and resourcing
 - Action Completed
- Paul Greenwood (Vector Metering) to contact Meghan Bibby to confirm AEMO's position re AEMO's obligations and resourcing
 - Action Completed

B2B ICF Assessment Process Discussion





- ICF assessment must consider:
 - Current and future benefits and impacts to customers (qualitative and/or quantitative)
 - Current and future benefits and impacts/costs to Industry (qualitative and/or quantitative)
 - Level of urgency
 - Level of complexity
 - Type of change (Procedural, AEMO systems, Participant systems and processes, etc.)
- An ICF is to be progressively updated to ensure the latest thinking/detail, including proposed changes to impacted Procedures, is captured accurately prior to formal IEC engagement.
- Question:
 - What level of due diligence do you believe the B2B WG should apply/be able to demonstrate in assessing an ICF?
 - What concerns have you had in how ICFs have been assessed in recent times?

- Blaine Miner (AEMO) spoke to the 'B2B ICF Assessment Process Discussion' slide
 - Blaine used a number of recent ICFs to demonstrate what was being presented and stated that the approach illustrated on the slide was provided to stimulate B2B WG discussion and consideration
- The updated ICF assessment process is expected to:
 - Ensure consistent requirements/standards are upheld regardless of the ICF's origins i.e. B2B WG member vs non-B2B WG member vs Regulatory
 - Articulate Proponents' and B2B WG responsibilities from inception through to IEC decision
 - Establish and articulate 'assessment gates'
 - Establish and articulate the criteria to progress through the various 'assessment gates'
 - Ensure that the original ICF is progressively updated to ensure the required level of detail, including proposed changes to impacted Procedures, are fully documented prior to IEC decision
- Members suggested/mentioned that:
 - All information should be provided by the proponent prior to an ICF entering the 'Initial Assessment' gate
 - The 'size' of the solution should align to the 'size' of the issue or change
 - Proponents should provide their proposed solution(s) to their ICF, wherever possible
 - Noting that the B2B WG will consider/assess the proponents proposed solution and consider if a preferred alternative(s) is available
 - Proponents should provide proposed Procedure markups wherever possible
 - Bundling 'smaller' ICFs into a 'larger' consultation or release is recommended
 - Prior to formally raising an ICF, proponents are encouraged to engage the B2B WG or its market sector rep to discuss their proposed issue or change

• Actions:

- B2B WG to provide their views regarding what 'assessment gates' should be established to support the B2B WG's ICF assessment process
- B2B WG to provide their views regarding what criteria should be applied to enter or exit an assessment gate
- AEMO to include an 'ICF assessment process' agenda item into the September's face-to-face meeting



IEC ICF Updates

Proposed ICF - New Verify Meter Data Request Enumeration



Background

- 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

Proposal

• The proposal is to add another enumeration to the VMD reason Codes.

Justification

- The proposed changes will benefit the B2B Communications by providing more clarity of what meter data is requested leading to a more consistent and efficient approach across all B2B Participants
- Increased clarity and efficiency in the provision of meter data provision leads to overall reduced costs and increased customer benefits (from the provision of more preferred data).

Field	Format	Use - Interva I Data	Use - Accum ulation Data	Definition
InvestigationCode	VarChar(40)	M	M	Allowed values: Confirm Reading For Vacant Site Confirm Zero Consumption Incomplete Data Invalid MDFF Data Invalid Standing Data Missing Datastream Require Actual Reading or Substitute Require Actual Reading or Final Substitute Scheduled Reading Required Require Final Substitute Service Order Reading Required Verify High Reading Verify Low Reading Verify/Missing Register Require Estimate Data Meter Churn Other
InvestigationDescr iption	Varchar(240)	M	M	Free text that must be used to assist the inves Initiator must specify the Meter Reading, the p description of the problem.

Current IEC ICFs



ICF No	Title	Description	Proponent	Status	Next Step
B002/22	Alignment of B2B field lengths to B2M Procedures/schema	Since r42 B2M schema release, there has been some inconsistent field lengths identified for the same fields in the B2B transactions. Due to this issue, the information may get truncated while using B2B transaction.	Aakash Sembey (Origin Energy)	Change Pack being drafted	 Finalise change pack and present to the IEC on 28 Aug
B003/22	B2B RoLR Procedure Updates	Version 2.3 of the NEM RoLR Processes (Part B) require changes to some of the intext 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)	Consultation In Progress	 Final Determination to be published by 18 Sept 2023
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)	Change Pack being drafted	 Finalise change pack and present to the IEC on 28 Aug
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)	With proponent	
B006/22	PERSONNAME definition spec correction	Person Name field Technical Specification clarification	Helen Vassos (PLUS ES)	Change Pack being drafted	 Finalise change pack and present to the IEC on 28 Aug
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)	With proponent	Mark Riley (AGL) to draft the initial ICF
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)	Consultation In Progress	 Final Determination to be published by 18 Sept 2023
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)	With proponent	
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 De-energised versus The market NMI status and underlying cause e.g. defect or bypassed 	Mark Riley (AGL)	With proponent	

Current IEC ICFs



ICF No	Title	Description	Proponent	Status	Next Step
B011/23	Definition of Unknown Load ExceptionCode	 The current definition places conditional criteria which is irrelevant for remote reenergisations 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 deenergise 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)	Change Pack being drafted	Finalise change pack and present to the IEC on 28 Aug

- Mark Riley (AGL) spoke to the proposed 'New Verify Meter Data Request Enumeration' ICF
 - Members asked Mark a number of initial clarification questions

Actions:

- B2B WG to provide Mark Riley feedback and information related to the 'New Verify Meter Data Request Enumeration' ICF
- Mark Riley (AGL) to consider if the proposed 'New Verify Meter Data Request Enumeration' ICF would conflict with any existing MDP obligations
- Mark Riley (AGL) to provide the B2B WG with further justification, including an impact assessment, as to why this 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
- Blaine Miner (AEMO) provided updates on the existing ICFs in the ICF register, noting that ICF B006 and B011 will be
 presented to the IEC on 28 Aug 2023 for their direction
- Blaine suggested that the 'new' B2B WG ICF assessment process should be applied to any 'in progress' ICFs, once the process has been agreed by the B2B WG



RoLR Review Update

Gareth Morrah (AEMO) and Dino Ou (Intellihub)

RoLR Review Update

AEMO

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

Focus group meetings with DNSPs

 How inflight coordinated jobs are to be managed in a ROLR Event

Focus group meetings with FRMPs

- How inflight metering service orders are to be managed in a ROLR Event
- How inflight remote services are to be managed in a ROLR Event

AEMO's wider end to end review of ROLR process

- Provide input as a B2BWG
- Notifications, including the ROLR Event, list of impacted NMIs and the ROLR CR notifications

Formal consultation on B2B ROLR Procedure

- B2BWG to draft changes to B2B ROLR Procedure
- IEC to consult on changes via formal consultation process

- Dino Ou (Intellihub) provided an update regarding recent Industry Focus Group meetings
- Dino noted that due to the commercial relationship between the failed RoLR and the MC, some proposed changes to the NEM RoLR Part B
 Procedure will not be progressed
- AEMO RoLR Review 'streams':
 - Electricity B2B RoLR Consultation
 - Focuses on changes to the provision of information from the failed Retailer and the LNSP to the RoLR
 - Electricity B2M/B2B RoLR Consultation
 - Focuses on proposed changes to NEM RoLR Procedures Part A and Part B (inflight service orders)
 - AEMO internal improvements
 - Focuses on internal efficiencies and tool development supporting AEMO's RoLR related tasks
 - Gas consultation
 - The PPC proposes amendments to processes and documentation related to the Gas RoLR process
 - Proposed effective date of Procedures and system update is 1 May 2024
- Members requested that proposed changes to NEM RoLR Part A and B should be consulted on together
- Actions:
 - AEMO to provide additional details regarding its RoLR streams of work, including indicative timeframes relating to the initiation and completion of in scope items
 - AEMO to invite Gareth Morrah to the Sept face-to-face B2B WG meeting to answer member questions relating to AEMO's broader RoLR review



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

- David Woods (SAPN) and Mark Riley (AGL) provided a brief update on the review's progress, including a proposed approach for Sept's more detailed B2B WG review (Box 3 and 4 on the first slide)
- Blaine Miner (AEMO) asked David and Mark to consider and provide slides to support the broader group's review of the suggested changes at the Sept face-to-face meeting

Action:

• David Woods and Mark Riley to provide AEMO: slide content, pre-reading material, suggested approach and indicative agenda time allocation associated to the 'B2B Guide improvement review' agenda item for the Sept face-to-face meeting



'What's on the B2B horizon?'

'What's coming on the horizon'



Topic	Timing	Next Milestone	Comments
NEM RoLR Processes (Part B) Procedure Changes	Immediate	Final Report (18 September)	Final Report scheduled for publishing by 18 September 2023
ICF Consultation	Immediate		
IDX (Information Data Exchange)	Immediate	'Transition Strategy' sessions	
IDAM (Identity and Access Mgt)	Immediate	'Transition Strategy' sessions	
Portal Consolidation (PC)	Immediate	'Transition Strategy' sessions	
Review of the regulatory framework for metering services	Short-term	AEMC Final Report – Aug/Sept 2023	 Final report expected to be published late August/September Other indictive timings: Final Rules Q3 2024 Rule implementation mid to late 2025 https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services
Unlocking CER benefits through Flexible Trading	Short-term	AEMC Consultation in progress	 Directions paper published by the AEMC 3 August 2023 AEMC to further investigate a second settlement point at a single connection point to enable flexible CER AEMC to progress options for Flexible Trading for large customers only AEMC sees benefits for minor energy flow metering (street lighting) Indicative Consultation Timings: Submissions to directions paper due 16 Sept 2023 Stakeholder engagement forums and workshops September/October 2023 Draft determination or draft rule December 2023 Stakeholder submissions due mid-January 2024 Final determination or final rule March/April 2024 Approximate implementation date Q3 2025
EV Charging/enhancing the DER register	Medium/longer- term	ТВС	
Potential Life Support Rule Change	Medium/longer- term	ТВС	Item suggested by Adrian Honey (TasNetworks)

• 'Potential Life Support Rule Change' has been added to the slide as per Adrian Honey's (TasNetworks) request



Forward Agenda

Forward Agenda



Month	Proposed Agenda	Meeting Type
September	 Standing agenda items * IEC meeting debrief – Wayne, Paul and Rob Resourcing Paper B2B Change Process Review IEC ICF directions NEM RoLR Consultation PIR B2B Guide improvement detailed review RoLR Review update AEMC Metering Services Review Final Report 	Face-to-face (Brisbane) Wed 13 and Thurs 14 Sept
October	 Standing agenda items * Nov IEC engagement meeting prep B2B NEM RoLR Changes Consultation update B2B Guide improvement review update RoLR Review update AEMC Metering Services Review 	Virtual
November	 Standing agenda items * Wed (IEC engagement) The year in review The year ahead Thurs (B2B WG meeting) RoLR Review update AEMC Metering Services Review B2B Guide improvement review update Proposed 2024 meeting cadence, timings and approach (face-to-face vs virtual) 	Face-to-face (Melbourne) Wed 29 (IEC) / Thurs 30 Nov (B2B)

No meeting planned for December

^{*} Standing agenda items include: Action Log, B2M Update, ICF Status Updates

- The 'Forward Agenda' slide has been updated based on feedback received during the 24 Aug 2023 meeting
- Action:
 - B2B WG to provide feedback regarding their preferred agenda item sequencing and time allocations for the Sept face-to-face meeting



Other Business



Other Business

- RoLR Consultation observations
- Next meeting face-to-face in Brisbane Wed 13 & Thurs 14 Sept
 - Proposed timings
 - Wed 9am to 4pm
 - Thurs 9am to 3pm
 - Learnings from the last face-to-face meeting
- Any other business items?

- Action:
 - AEMO to include a 'NEM RoLR Consultation PIR' agenda item for the Sept face-to-face meeting



Appendix

IEC Meeting Roster



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

Notes:

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

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

ICF Register Update

(New)



Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
Magnitude of generation and consumption at a NMI	Participants cannot easily identify and determine the magnitude of export/consumption and import/generation as part of their onboarding processes. This issue has resulted in customer's being offered incorrect products resulting in poor customer and retailer outcomes. This ICF proposes that two new fields are created in MSATS at the NMI level, and included in NMI Discovery, proposed to be called: Average daily consumption (ADC) Average daily sent out (ADSO) Proposed terminology aligns to the IESS Rule NER 3.15.4	Mark Riley (AGL)	076	No	Awaiting ERCF feedback

ICF Register Update

(Pending)



Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
ADWNAN Reporting changes	Assignment of Interval ADWNANs to MDP in AEMO Performance Reports	Jane Hutson (EQL)	017	No	Implementation delayed due to an identified impact to AEMO's MDM. Implementation timings still TBD.
Clarification of End Date in Inventory Table	Some MDPs are using NCONUML Inventory Table End Date to identify when the metering data is last calculated, updating it each month. Proposal is to clarify the end-date be when there is a change to consumption or abolishment. If not, the End Date should be reflected as 31.12.9999.	Mark Riley (AGL)	056	Yes	On hold, pending discussions at the B2B WG
Reviewing and updating file examples in the MDFF Specification document.	The MDFF document includes example files. Some of these files have not been updated to incorporate changes in the industry including 5MS and Global Settlements. AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.	AEMO	067	No	Consultation timings TBD
Update to allow MDPs to receive REJ notifications on CRs 5050 & 5051	Defect was raised by PlusES during 30 May 2023 testing. Issue is the MDP was not receiving the REJ so they would have an open CR in their database as they haven't received a final status for the CR. Proposal: Update MSATS to allow a REJ and CAN to be sent to the MDP, update CATS and WIGS Procedures to reflect the same. Upon review of these notifications in the CATS Procedures it was discovered that the Procedure didn't reflect what MSATS was doing. LNSPs were receiving the REJ but the CATS Procedures did not reflect this. WIGS Procedures did reflect this and will only been updated with the MDP receiving the REJ and CAN.	Jackie Krizmanic (AEMO)	074	No	To be consulted on as part of a Minor Amendment process.
Updated wording re CATS LCCD Current FRMP Obligations	Telstra Energy propose updates to the CATS Procedure Current FRMP LCCD Obligations in Section 2.2 in order to make it clear when (and by whom) the LCCD field should be updated.	Chris Murphy (Telstra)	075	No	To be consulted on as part of a Minor Amendment process.

ICF Register Update (Under Consultation)



Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
Review of NMI Classifications	Some NMI Classifications are defined according to consumption, while some are defined according to throughput. The descriptions should be updated for consistency and to better accommodate for new connection arrangements (EG: those associated with IESS)	Mark Riley (AGL)	059	Yes	Final Determination to be published by 18 Sept 2023
Increase 'Building Name' Field Length in MSATS	Currently the "Building Name" field in MSATS is 30 CHAR, Ausgrid would like to change this to 60 CHAR. Proposal is for MSATS to be updated to be aligned to the Procedure i.e. xsd:string maxLen = 30 x 2 therefore allowing for 60 characters in MSATS.	Wayne Turner (Ausgrid)	070	No	Final Determination to be published by 18 Sept 2023
Substitution Type Review	The review requires consideration for new substitution rules to be implemented for interval metering data to replicate substitution rules derived from Manually Read Interval Meters and Accumulative Meters.	Mark Leschke (Yurika)	054	Yes	Included in the July 2023 B2M consultation.
NSLP Longer-term Methodology	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	AEMO	072	Yes	Included in the July 2023 B2M consultation.
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	No	Included in the July 2023 B2M consultation.



AEMO

(Awaiting Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	Mark Riley (AGL)	060	New methodology effective from 1 October 2023.
New fields in MSATS defined by a naming convention that does not align with the procedural field name.	With the introduction of new fields into MSATS as part of the MSDR it has become known that AEMO may create the new fields in MSATS defined by a naming convention that does not align with the procedural field name. The AEMO defined the field name may be based on their database name and participants are then required to create a mapping table within their systems to associate this name with the procedural field name that is defined in the Standing Data for MSATS document.	Adrian Honey (TasNetworks)	069	New C1 'TF_DATA_ELEMENT_MAPPING' report expected to be implemented between 30 May and Nov 2023



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