Online forum housekeeping

1. Please mute your microphone, this helps with audio quality as background noises distract from the information being shared.

2. Having your video turned off helps with performance and minimises distractions.

3. 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.

4. Raise your hand if you wish to speak to an item. This keeps conversations orderly.

5. If you have dialled in via phone, please email B2BWG@aemo.com.au your name and organisation for our records.

6. If your name appears abbreviated on Teams, please add your name and organisation to the chat for our records.

7. Be respectful of all participants and the process.
   - Both on the call and in the chat

AEMO Competition Law Meeting Protocol

- AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO, all participants agree to adhere to the CCA at all times and to comply with appropriate protocols where required to do so.

- AEMO has developed meeting protocols to support compliance with the CCA in working groups and other forums with energy stakeholders

- The AEMO Competition Law Meeting Protocol can be viewed and downloaded from AEMO's website

  - https://aemo.com.au/-/media/files/stakeholder_consultation/working_groups/aemo-competition-law-meeting-protocol/aemo-competition-law-meeting-protocol---october-2022.pdf?la=en

Agenda

1. Welcome & Agenda

2. Actions Log

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

4. May 2023 AEMO System Release

5. NEM 2025 Initial Assessment

6. B2M Update

7. IEC ICF Updates

8. IESS Consultation

9. 'What's on the B2B horizon?'

10. Forward Agenda

11. IEC Meeting Roster

12. Other Business
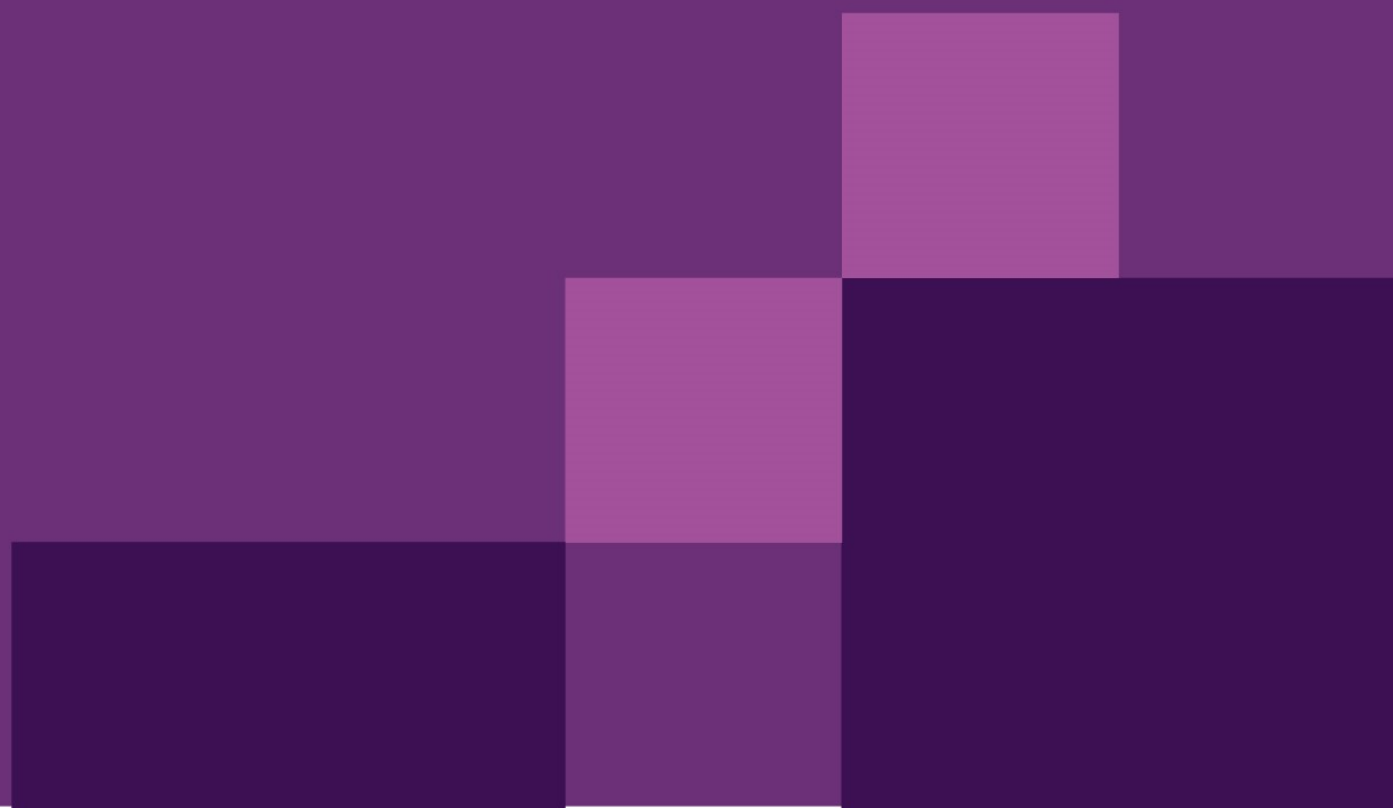
13. Appendix
    - ERCF ICF Register

Notes

- Blaine Miner (AEMO) welcomed and members and went through the initial slides

- Blaine mentioned that a draft slide pack is typically sent out at least a week prior to the meeting, to allow members to consider proposed agenda content from both an organisational and sector/Industry perspective

Actions Log

Blaine Miner (AEMO)

Actions Log

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	July 2023	Post the AEMC MSR Final Report, expected June 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	July 2023	Post the AEMC MSR Final Report, expected June 2023
010223_01	Meeting Admin	AEMO to draft a proposed forward meeting agenda artifact to highlight upcoming areas of focus, which can be used to determine face to face meeting opportunities	Completed	AEMO	Fri 24 Feb	Forward Meeting Agenda has been drafted and will be added as a meeting standing agenda item
010223_02	Meeting Admin	AEMO to add a 'Topic' column to the Actions log/table to help with ease of use	Completed	AEMO	Fri 3 Mar	A 'Topic' column has been added and populated in the Actions Log
010223_03	B2B Guide Improvement	Mark and David to draft and circulate a one pager/table of contents plus the latest version of the proposed B2B Guide to communicate the proposed approach to the updated B2B Guide	Open	Mark Riley and David Woods	Fri 17 Feb	
010223_04	B2B Guide Improvement	B2B WG members to provide feedback re proposed approach to the B2B Guide prior to the next B2B WG meeting	Open	B2B WG	Fri 24 Feb	
010223_05	B2B Guide Improvement	AEMO to include a more lengthy time provision in Sept/Oct to finalise the proposed changes to the B2B Guide, likely requiring a face to face meeting	Completed	AEMO	Fri 24 Feb	Item has been added to the Forward Meeting agenda for Sept
010223_06	IEC	AEMO to include consideration and response to the IEC's Power Quality related actions on the B2B WG in the B2B WG forward agenda	Completed	AEMO	July 2023	AEMC final report expected June 2023, item has been added to the Forward Meeting agenda for July
010223_07	IESS	AEMO to close actions 1110-02 and 03	Completed	AEMO	Fri 24 Feb	Actions have been closed as requested

Actions Log

Action	Topic	Description	Status	Responsible	Due Date	Comments
010223_08	B2M	AEMO to confirm what was actually being proposed in ERCF ICF_070	Completed	AEMO	Fri 24 Feb	ICF-070 seeks to align the MSATS field length to the aseXML schema i.e. 60 characters
010223_09	IESS	AEMO to ensure IESS is included as an agenda item for the March B2B WG meeting, to discuss B2M consultation inclusions and associated B2B considerations	Completed	AEMO	Fri 24 Feb	Item has been added to the agenda
010223_10	Change Packs	B2B WG to consider and determine change pack development timings supporting B002/22 and B004/22	Open	B2B WG	Next Meeting (9 Mar)	Confirm inclusion in the IESS B2B consultation
010223_11	ICF - PERSONNAME Definition	AEMO to confirm the definition of an 'empty string', ensure consistency with Gas	Completed	AEMO	Fri 24 Feb	Participants can either use <PersonNameTitle xsi:nil = "true"/>, or provide a value of ' '.
010223_12	ICF - PERSONNAME Definition	AEMO to confirm with Wayne Lee and Lenard Bull what is being discussed at the ASWG re the treatment of empty strings to ensure alignment for B2B purposes	Completed	AEMO	Fri 24 Feb	Response from Wayne Lee: Empty strings are just that. The schema is just an enabler for an market/ jurisdiction to make use of as required. The Electricity B2B market participants via the forum can choose to define the usage and for the related members to adopt.
010223_13	ICF - PERSONNAME Definition	AEMO to confirm if the ASWG considers/actions updates to applicable Technical Specifications relating to any proposed ASWG change	Completed	AEMO	Fri 24 Feb	Response form Wayne Lee: It is up to the various markets, requesting projects and their working groups to maintain the technical specifications that support their systems.

Actions Log

Action	Topic	Description	Status	Responsible	Due Date	Comments
010223_14	ICF - PERSONNAME Definition	B2B field mapping document to be referenced in the Procedures, ICF to be raised	Open	B2B WG	Fri 24 Feb	Confirm inclusion in the IESS B2B consultation?
010223_15	ICF - PERSONNAME Definition	AEMO to raise the issue of improved coordination between the ASWG and the various Industry engagement channels: ERCF, GRCF and B2B WG	Open	AEMO	Fri 24 Feb	Internal AEMO discussions in progress
010223_16	ICF – ROLR Procedure Changes	B2B WG members to provide final feedback to Aakash re the IEC ROLR Paper	Completed	B2B WG	Mon 6 Feb	Feedback received
010223_17	'On the Horizon'	AEMO to circulate a 'NEM2025 initiative' table, for the B2B WG's consideration and initial population	Completed	AEMO	Fri 17 Feb	Table circulated Tues 7 Feb
010223_18	'On the Horizon'	Convert the 'What's on the B2B horizon?' slide into a table, including key dates, comments, etc.	Completed	AEMO	Fri 24 Feb	Slide has been converted to a table for B2B WG feedback
010223_19	ICF - Procedure to schema inconsistencies	Issue raised via AEMO's support hub, "The B2B Service Order Procedures specify that the allowed values for the ConfirmedDe-energisation field are Yes/No but the aseXML schema definition only allows Boolean values (true/false)."	Open	B2B WG	TBC	ICF needs to be drafted for the B2B WG's consideration and feedback, need a proponent for this one
010223_20	IEC	AEMO to draft a proposed IEC B2B WG rep roster for the B2B WG's consideration and feedback	Completed	AEMO	Fri 24 Feb	Aakash will be the B2B WG rep at the 21 Feb IEC meeting
010223_21	Meeting Admin	AEMO to send out a reoccurring monthly meeting, 4hrs in duration	Completed	AEMO		Reoccurring meeting circulated Fri 3 Feb

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the Actions Log slides

- Blaine mentioned that a number of today's agenda items are as a result of completing actions

- Re Action 100223_11:
  - Members agreed that the definition of an empty string, for B2B Procedure purposes, should be added to the Technical Specification and referenced where applicable in the Procedures
  - New Action:
    - Amend ICF B006/22 to include the definition of an empty string, for B2B Procedure purposes, in the Technical Specification and referenced where applicable in the Procedures

- Re Action 100223_15
  - B2B WG members, including those that attend the ASWG, agreed that the ASWG's processes and communications needs to be improved and that the ASWG should take more accountability for upstream (applicable business forum support) and downstream requirements (Tech Spec changes)
  - Lenard Bull (AEMO) stated that he will ask to be added to the ASWG in the interim
  - Blaine confirmed that there are internal AEMO discussions occurring regarding how AEMO's line of sight regarding our end-to-end change processes can be improved

- Re Action 100223_19
  - Aakash Sembey (Origin) volunteered to draft the Boolean values issue ICF

- David Woods (SAPN) and Mark Riley (AGL) spoke to the proposed B2B Guide improvement process approach
  - Helen Vassos (PlusES) questioned if having a separate spreadsheet capturing the proposed changes is the most efficient and effective way of communicating proposed Guide changes
  - Mark mentioned that he is already well advanced in the spreadsheet process and that if we were to follow a conventional change marking process, the whole Guide would look like it was change marked
  - David stressed that the Guide improvements do not involve any changes in obligations, more about useability
  - In response to a suggestion re a shared SharePoint site, Lenard stated that it is unlikely that AEMO would be able to support a shared SharePoint location but would investigate further
    - New Action:
      - Lenard to confirm if AEMO can support/provide a secure SharePoint site
  - Mark and David committed to circulating the initial cut of the spreadsheet prior to the next monthly meeting
    - New Action:
      - Mark and David to circulate the proposed changes to the B2B Guide spreadsheet prior to next month's' monthly meeting
  - Paul Greenwood (Vector) offered his assistance

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

Blaine Miner (AEMO)

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

- IEC discussed the B2B WG's recommendation:
  - To seek approval from the IEC regarding the B2B Working Group's recommendation to:
    - enhance RoLR B2B Customer Details Report provided by failed retailers to the Retailer of Last Resort (RoLR); and
    - correct identified errors in the NEM RoLR Processes (Part B) Procedure.

- In considering the proposed changes, the B2B WG has also recommended that this consultation be performed on an expedited basis.
  - This recommendation is based on the fact that the changes are considered non-material (pre-existing processes and the customer details report is only built at the time of a RoLR occurring), this approach has been confirmed with AEMO legal.
  - If during the consultation a material issue is raised, then the consultation can revert to a standard consult.

- IEC decision:
  - The IEC endorsed the B2B WG's recommendations

- Consultation status:
  - Expedited Draft Report and Determination (Draft Report) published 2 March 2023
    - Submissions close 31 March 2023
    - Final Report and Determination (Final Report) to be published by 28 April 2023

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Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the NEM RoLR Processes (Part B) Procedure slide

- Dino Ou (Intellihub) stated that Intellihub had identified some material system impacts associated to the change in obligations regarding Service Order mgt during a RoLR event e.g. Remote De-energisations
    - Wayne Farrell (Yurika) mentioned that there may be some impacts identified for Yurika as well, additional system logic

- Aakash Sembey (Origin), Mark Riley (AGL) and Jo Sullivan (EA) questioned why these processes weren't already in place, as 7 RoLR events happened last year
    - Dino mentioned that:
        - Fortunately last years' events were low in volume for Intellihub and that manual processes were possible
        - Due to the proposed change in obligations, automated processes would be preferrable to ensure compliance

- Dino mentioned that Intellihub are not seeking to change the consultation from Expedited to Standard but that a change in effective date associated to the change in service order obligations would be requested e.g. 6-9mth delay

- Blaine mentioned that Intellihub, and other stakeholders, can provide submissions as part of the current consultation process
    - The B2B WG would consider submissions initially and then provide recommendations to the IEC
    - The IEC would then consider the submissions and the B2B WG's recommendations and then form their final positions, e.g.:
        - Proceed with its Draft positions
        - Separate the changes and apply different effective dates e.g. 15 May 2023 for the change is the customer details report, x date in the future for the alignment of the service order obligations
        - Reconsider the IEC's initial positions more broadly, including consultation approach

- Timing between when a RoLR event is declared and when the effected NMIs' FRMP gets updated is the key issue i.e. when the FRMP is updated, previously requested service orders are not actioned

- Paul Greenwood (Vector) mentioned that the IEC may not change its position due to Participant Readiness

- Aakash mentioned that Retailers have had to deal with compliance obligations as a result of RoLR events up until now, without required information being easily accessible from failed retailers

May 2023 AEMO System Release

Blaine Miner (AEMO)

aseXML r43 Changes

- CR72 schema change was presented to the aseXML Standards Working Group (ASWG).

- CR72 proposes a new iteration of aseXML r43 containing NEM B2B and B2M changes.

- ASWG Approved:

Function	Initiative	Schema Requirement
B2M	MSDR	New aseXML schema elements to support the reporting via the C1 report to Industry of MSDR introduced enumerations configured in the following MSATS Codes tables: • MSATS_CODE_GROUPS • MSATS_CODES • MSATS_CODES_DATED • MSATS_CODE_COMBOS
	CDR Phase 2	New aseXML schema element to support the CATS NMI Standing Data column 'Last Consumer Change Date': • Addition of a new Change request that would include the column 'Last Consumer Change Date' to be maintained against the CATS NMI Data table within MSATS. • This field would be maintained by retailers when the consumer for an NMI changes, e.g. move-ins and used by AEMO to verify meter data requests for CDR. • The field can also be updated ad hoc where the retailer has verified the consumer's start date.
	SAPS	C1 reporting of MDM table Node Hierarchy to display the new Settlement Indicator column.
		New RM51 – Regulated SAPS Generator Reconciliation report
		New aseXML schema element to support reporting via C1 of the SAPS added 'Role Category' column added to the CATS_PARTICPANT_ROLES table.
B2B	B2Bv3.8	Creation of a new OWN Shared Fuse One Way Notification transaction type, supporting enumerated values.

- ASWG Rejected:

Function	Initiative	Schema Requirement
B2B	B2Bv3.7	Updates to the PersonName attribute to reflect the optionality of the following elements: • PersonNameTitle • PersonNameGiven

- 10-Feb-23, the ASWG has approved CR72.

B2B

Scope

- Definition of the new OWNX SharedFuseNotification transaction as a supported B2B transaction message exchangeable between registered B2B Participants.

- SMP eHub implemented OWNX SharedFuseNotification message validations.

- Transaction Logging to support SharedFuseNotification transactions.

- Extension of the following B2B Browser functions to support SharedFuseNotifications:

  o Create Transaction

  o Upload File

  o Inbox and outbox management (B2B Inbox/Outbox/Hub Queue)

  o B2B Message Archiving

  o Transaction Logging

  o B2B Responder (Create/Search/Paste)

  o Protocols and Transforms

- Updates to the B2B Validation Module and Matrix to support Participant implementations of SharedFuseNotifications.

- B2B Message Exchange through the SMP eHub of the SharedFuseNotifications. This includes the appropriate business signals and documents exchange across the existing protocols (FTP, API Push Async, API Push Sync, API Pull) and Initiator/Recipient interoperability.

B2M

Scope

- Updates to the CR5000 series 'Maintain NMI' change request logic account of the ending of the MCPI Compliance Holiday.

- ICF064 Addition of 'House Number To Suffix' to Australian Address:
  - Addition of HouseNumberToSuffix as an NMI Standing Data item.
  - Mappings of aseXML to CND and transforms.
  - Updates to the CR2000 and CR5000 series change request logic to include HouseNumberToSuffix.
  - The new NMI Standing Data item, HouseNumberToSuffix, is used for NMI Discovery Search 2.
  - Updates to the MSATS Browser to support the submission and viewing of HouseNumberToSuffix.
  - Ability to view HouseNumberToSuffix using the following services:
    - NMI Discovery
    - CATS Reports (C1, C4, C7)
    - MSATS Snapshot Report
  - Updates to the Bulk Data Tool (BDT) to include HouseNumberToSuffix
  - Updates to the Blind Update Tool (BUT) to include HouseNumberToSuffix
  - Propagation of 2D and Blind updates of HouseNumberToSuffix to downstream consumers of standing data by AEMOs Extract, Transform, and Load (ETL) platform.

- ICF065 Extension of the current 130 business day limitation on NIMI Discovery Type 3 requests made via FTP, Legacy MSATS Web Services, API, and the MSATS Browser.

- ICF037 Updates to the existing DLFERR_CHILD and TNIERR_CHILD PMS reports to include the Parent DLF and TNI of each child NMI.

- ICF047 Update CR3101 validations to allow LNSPs to update the Network Tariff Code (NTC) on a Greenfield NMI.

- Extension of the C1 reporting framework to publish reporting groups and table data for:
  - MSATS_CODE_GROUPS
  - MSATS_CODES
  - MSATS_CODES_DATED
  - MSATS_CODE_COMBOS
  - NODE_HIERARCHY
  - Role Category on CATS_PARTICIPANT_ROLES

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the May 2023 AEMO System Release slides

- Blaine confirmed that the slides are as per recent forums e.g. May Release workshop

NEM 2025 Initial Assessment

Blaine Miner (AEMO)

NEM 2025 Initial Assessment

- Initial Spreadsheet created, refer attachment sent to members on Wed 22 Feb 2023
  - Columns include:
    - Impacted Sector
    - Reform Status
    - Reform Initiative
    - Objective
    - Likely B2B Impact? (Yes/No)
    - Expected Impact Severity (Material/Minor)
    - Indicative Timing
- Feedback?
- Initial population?

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the NEM 2025 Initial Assessment slide and the associated draft spreadsheet

- Blaine confirmed that as per the most recent PCF meeting, the Roadmap is currently under review and that an updated version will likely be published in April/May

- Adrian Honey (TasNetworks) recommended that a 'Comments/Assumptions' column be added to the spreadsheet
  - Sean Jennings (Red/Lumo) supported Adrian's recommendation

- Mark Riley (AGL) and Adrian Honey (TasNetworks) suggested that most of the initiatives would likely not have a B2B impact

- Blaine suggested that the B2B working should periodically review their previous assessments to ensure they are still appropriate, in case new information has come to light

- New Action:
  - Blaine Miner (AEMO) to send out the updated NEM 2025 Initial Assessment spreadsheet
  - B2B WG to populate the NEM 2025 Initial Assessment spreadsheet prior to next months' meeting to support further discussion/progress
  - Blaine Miner (AEMO) to add a NEM 2025 Initial Assessment agenda item to next months' meeting, focusing on the initiatives where a member believe there be a B2B impact

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B2M Update

Blaine Miner (AEMO)
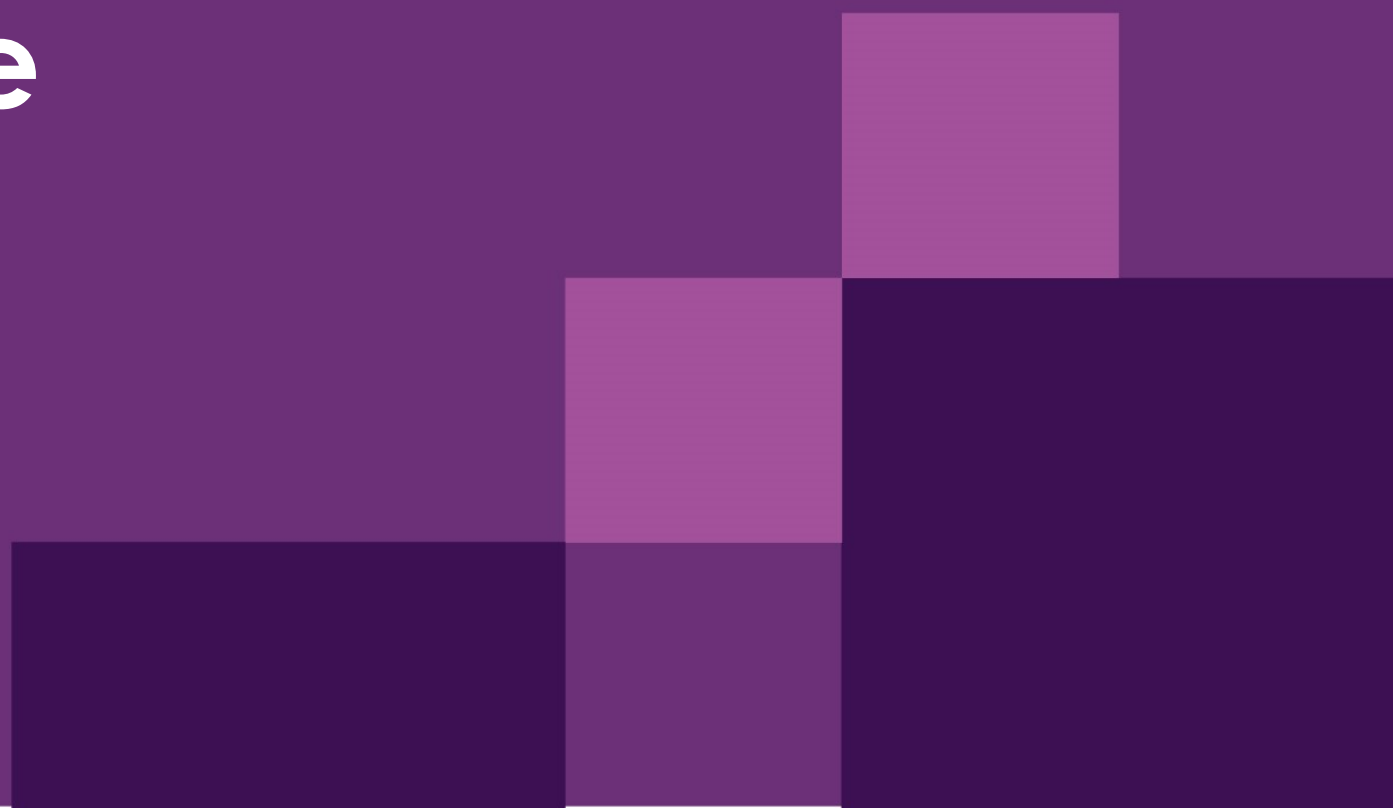
B2M Update

(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, with 4 associated subgroups (refer to the Appendix)
		  • 7 pending release, 2 under consultation
		  • B2B items of interest:
		    • ICF_056 - Clarification of End Date in Inventory Table
		    • ICF_TBD - Additional NMI Status Enumerations

Consumer Data Rights (CDR)	• The Consumer Data Right (CDR) for Energy will enable consumers to authorise third parties i.e. FRMPs to access their energy data, up to 2yrs in the same account holder at the NMI. This will empower consumers to more easily share their data to get a better deal on a range of energy products and services.	• Implementation of the Last Consumer Change Data (LCCD) field on track for 30 May 2023
Stand-alone Power Systems (SAPS)	• The AEMC's Final Report and Proposed Rules for Updating the regulatory frameworks for the distributor led Stand-Alone Power Systems (SAPS) Priority One (AEMC Final Report) sets out a national framework to facilitate the provision of SAPS by DNSPs to their existing customers, where SAPS offer a more economically efficient solution relative to investing in, and maintaining, traditional network solutions.	• Implementation at-risk for 30 May 2023 • Minor amendment consultation
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.	• B2M consultation commenced Monday 6 March 2023 • Includes ICFs - 059 and 070 • B2B consultation planned for mid-2023, post B2M Draft Report stage

Other B2M consultations	• UFE Reporting Guidelines
	• Load Profiling
		• UFE Reporting Guidelines:
		  • Final Report and Determination published 27 February 2023
		• Load Profiling Methodologies:
		  • Final Report and Determination published 24 February 2023

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the B2M Update slide

- Following a comment from Blaine, Mark Riley (AGL) agreed that the Inventory File/Table ICF and the emerging NMI Status enumerations ICF may be best placed in the B2B WG in the first instance, as opposed to the ERCF

- Mark Riley (AGL) provided some high level context to the WG re the issue of a potential misalignment between the physical status of a NMI and the market/MSATS status of a NMI during an extreme weather event
    - Helen Vassos (PlusES) cautioned members re a potential NMI Status enumerations solution, as there is currently significant downstream logic associated to this field. Any proposed change(s) to this field would likely result in significant system and process implications for Participants.
    - Members discussed current Retailer and DB processes around this issue
    - New Action:
        - Mark Riley (AGL) to update B005/22 to reflect the latest thinking re the Inventory File/Table proposal
        - Mark Riley (AGL) to present additional detail next month re the issues associated to the potential disconnect between the physical status of a NMI and the market/MSATS status of a NMI during an extreme weather event

- Consumer Data Right (CDR)
    - Blaine noted that AEMO is currently considering a request from EA, Origin and AGL re delaying their LCCD maintenance obligations to 1 Nov 2023
    - Blaine mentioned that if AEMO supported this request, a further formal consultation will be required
    - New Action: AEMO to reconfirm what the LCCD is meant to represent i.e. the day of or day after consideration

IEC ICF Updates

B2B WG

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 requested by the IEC	• Non-urgent, to be included in the next Consultation which requires a schema change. • Approved by the IEC for change pack development
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)	Expedited Consultation In Progress	• Non-urgent, to be included in the next Consultation which requires a schema change. • Approved by the IEC for change pack development
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 requested by the IEC	• Non-urgent, to be included in the next Consultation which requires a schema change. • Approved by the IEC for change pack development
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)	In progress	• Mark to present to the B2B WG at the April meeting
B006/22	PERSONNAME definition spec correction	Person Name field Technical Specification clarification	Helen Vassos (PLUS ES)	IEC Expedited Change Pack required	• B2B WG to prepare change pack to support an expedited consultation
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)	In progress	• TBC
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)	Expedited Consultation In Progress	• The IEC endorsed the B2B WG's recommendations at the Feb meeting
TBC	Procedure to schema inconsistencies	The B2B Service Order Procedures specify that the allowed values for the ConfirmedDe-energisation field are Yes/No but the aseXML schema definition only allows Boolean values (true/false)."	TBC	In progress	• Aakash to draft ICF

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the IEC ICF Updates slide

- B005/22:
  - Action: Mark to introduce the issue and problem statement at the April meeting
  - More detailed consideration to occur in due course

- B006/22:
  - Action: Helen to reconfirm the current wording of the existing ICF, once she is back from leave, in light of the information received regarding the definition an empty string

- B007/22:
  - Action: Mark Riley (AGL) to draft the initial ICF

- ICF_TBC:
  - Action: Aakash Sembey (Origin) to draft the initial ICF and be the proponent of the Boolean values issue
  - ICF to consider updating the Tech Specs re how the allowed values in B2B maps back to the aseXML schema definitions i.e. allowed values vs Boolean values (true/false)
  - AEMO confirmed that the original question was raised by Ampol

IESS Consultation

Blaine Miner (AEMO)

Update on the IESS consultations

- B2M consultation topics and timings
  - Proposed changes to NMI Classification Codes, including three new codes and amendments to two further codes
  - Extensive amendments to terminology introduced by the IESS Rule, which will need to be reflected across the Retail Electricity Market Procedures. Most of these changes will be minor or administrative in nature.
  - Other changes, including the location and order of embedded network processing, which will not result in procedure changes but may change the way participants who are embedded network parents undertake reconciliation processes.
  - Potential change to the Rule implementation start date from 3 June 2024 to 2 June 2024, alignment to the commencement of a settlement week

- B2B considerations
  - Reassessment of B2B impacts
  - IEC engagement
  - Consultation prep
  - Other?

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the IESS Consultation slide

'What's on the B2B horizon?'

B2B WG

'What's coming on the horizon'

Topic	Timing	Next Milestone	Comments
Expedited NEM RoLR Processes (Part B) Procedure Changes	Immediate	Commence Expedited Consultation	Change pack endorsed by the IEC at the Feb 2023 meeting
Expedited PERSONNAME Definition Clarifications	Immediate	Change Pack Finalised	Change pack needs to be prepared for IEC endorsement
IESS Consultations	Short/medium-term	B2M Consultation expected to commence on 6 Mar 23	B2M Draft report required in order to finalise the proposed B2B consultation content
B2B v3.8 Implementation	Short/medium-term	Release scheduled for 30 May 2023	Release scheduled for 30 May 2023
Participant Certificate Automation	Short/medium-term	Scheduled for April 2023	
IDX (Information Data Exchange)	Short/medium-term	TBC	Industry engagement has commenced (PCF)
IDAM (Identity and Access Mgt)	Short/medium-term	TBC	Industry engagement has commenced (PCF)
Portal Consolidation (PC)	Short/medium-term	TBC	Industry engagement has commenced (PCF)
Review of the regulatory framework for metering services	Medium/longer-term	AEMC Final Report – June/July 2023	Final AEMC report expected June/July 2023
Flexible Trading Arrangements	Medium/longer-term	AEMC Consultation in progress	
Integration of consumer energy resources (CER) and flexible demand	Medium/longer-term	TBC	ESB: Integration of consumer energy resources (CER) and flexible demand (aemc.gov.au)

Background –
Strategic / Foundational Initiatives

Pathway	Initiatives	Description
Foundational • Foundational dependency work to deliver an uplift to base capability on which reforms are dependent	• Identity Access Management (IDAM)	• A unified mechanism to authenticate participant users and applications when accessing AEMO services.
	• Industry Data Exchange (IDX)	• Unified access to AEMO services across all markets, using modern authentication and communication protocols, facilitating a cohesive approach to industry data exchange. This will leverage IDAM
Strategic (Related) • Strategic dependency work to effectively futureproof capabilities and scalability of systems thereby avoiding investment in systems that will become end-of-life shortly after the reforms take effect	• Portal Consolidation (PC)	• A 'single pane of glass' user experience for participants accessing all AEMO browser based services

- These initiatives have been identified for the NEM Reform Program and included in the NEM Reform Implementation Roadmap.
- AEMO has committed to an industry consultation process to determine a transition strategy for the three initiatives before any funding decision is made.
- AEMO facilitated a Discovery process for the Industry Data Exchange initiative in Feb-June 2021.
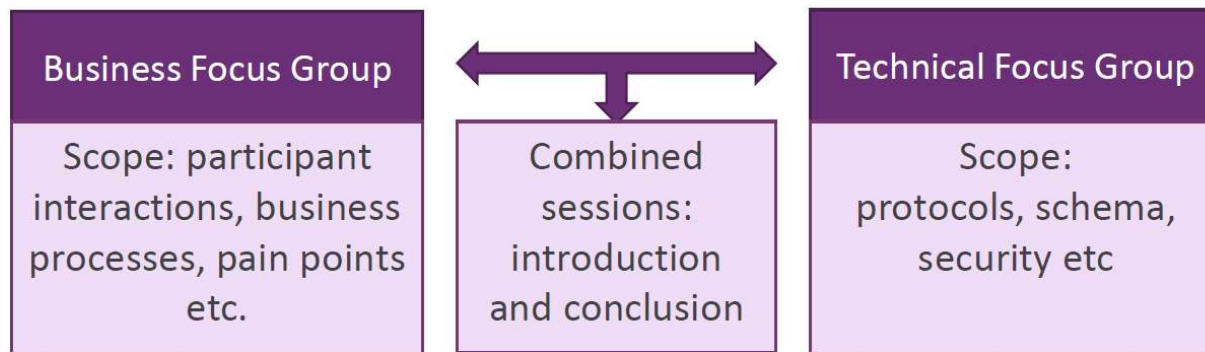
Background

- Discovery for Industry Data Exchange facilitated in 2021 to define drivers, scope, goals, objectives, benefits and transition approach as a baseline to commence future phases.

- A series of workshops and stakeholder survey held Feb-June 2021.

- 27 organisations participated from across NEM, WEM and Gas.

- Diverse Business and Technical roles represented.

- Key recommendations:
  - Data exchange roadmap
  - Manage frequent change
  - Improved documentation
  - Centralise IDAM.

Activity:	Description
Pain Points workshop - AEMO	Identified AEMO pain points in regards to market participation, mechanisms and integrity.
Pain Points workshop - Industry	Identified and prioritised industry pain points.
Participant survey	Surveyed industry perspectives on - prioritisation of the pain point - capturing & prioritising qualitative benefits
Benefits workshop - AEMO	Identified AEMO's options to address challenges identified.
Final workshop - Industry	Summarised findings and workshopped prioritisation of options.

Proposed Consultation Approach

An industry consultation program to:
- Identify framework fundamentals
- Align on transition strategy and roadmap
- Consider key impacts and benefits.

Business Focus Group		Technical Focus Group
Scope: participant interactions, business processes, pain points etc.	Combined sessions: introduction and conclusion	Scope: protocols, schema, security etc

Scope includes DER, Electricity Retail, Electricity Wholesale, (less emphasis on Gas Retail).

Sample topics to help industry participants identify the right contributors:
- Approach for areas that have legacy structures vs areas that don't
- Where business value is best achieved
- Sunset and N-1 issues as part of transition

AEMO is seeking feedback from the NEM2025 Program Consultative Forum on the proposed consultation approach including the focus, timings, workshop structure and the intended audience.

Proposed Consultation Approach

Workshop schedule

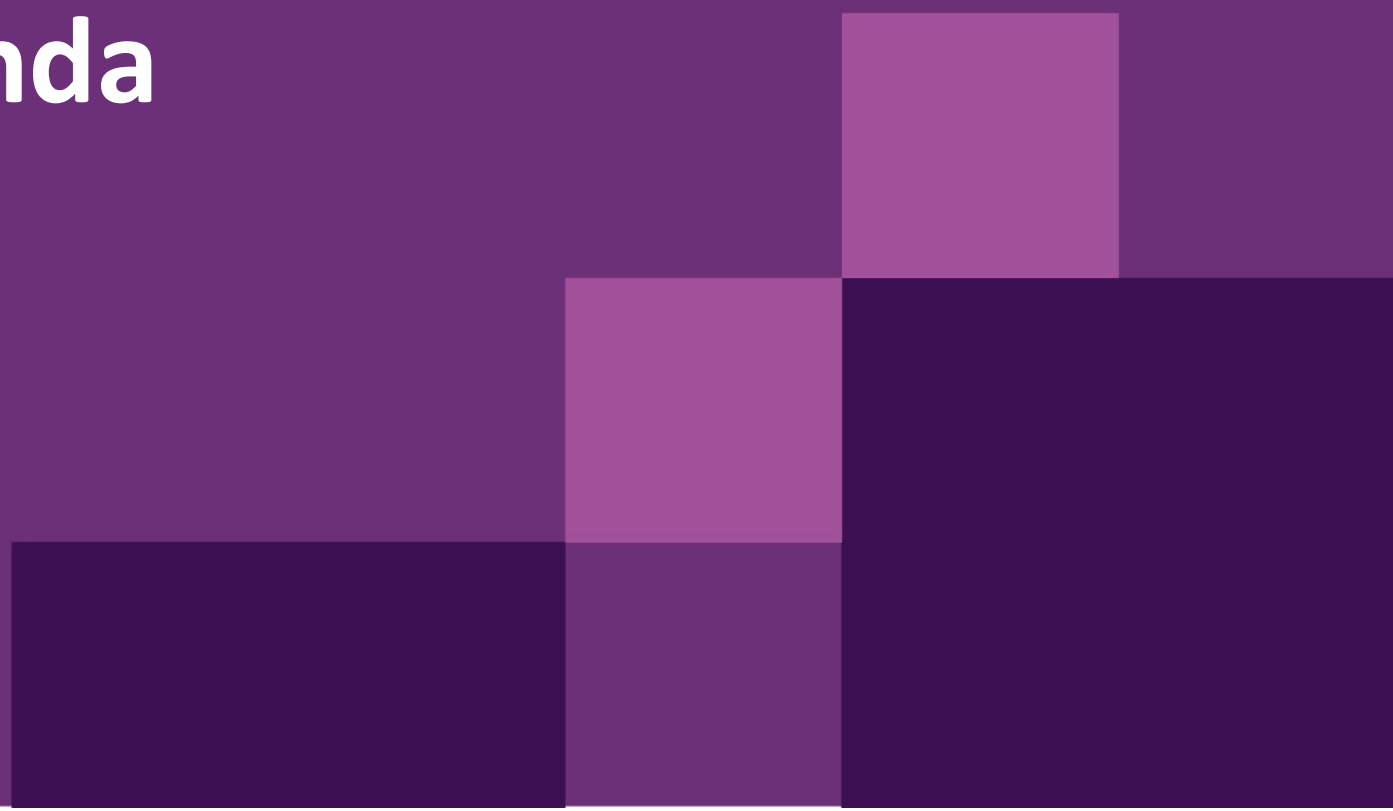| Proposed Dates	Purpose	Participants	Estimated length	Ask from stakeholders
8 Mar (today)	Consult with industry participants on proposed consultation approach via the Program Consultative Forum	PCF	15-20 min presentation	Feedback on proposed workshop structure, purpose, and the intended audience
22 Mar	**Session 1:** Introduction (IDX, IDAM & PC)	Combined business/technical	1hr	Digest the content and identify the right contributors to be involved in workshops
29 Mar	**Session 2:** Discovery (IDAM and PC) – *Business & Technical break out sessions*	Technical & Business breakout sessions	3hr x 2	Identify pain points and key features/benefits that will drive business value
29 Mar–5 Apr	Stakeholder survey	Combined		
15 May	**Session 3a:** Target State Proposal (IDX, IDAM, PC)	Technical	6hr (with lunch break)	Feedback on proposed target state models for IDX, IDAM and PC
18 May	**Session 3b:** Target State Discussion (IDX, IDAM, PC)	Business	3hr	Feedback on proposed target state with sample use cases
19 Jun	**Session 4a**: Transition Strategy, Impacts & Benefits (IDX, IDAM, PC)	Technical	5hr (with lunch break)	Consider Transition Strategy and Impacts/Benefits. Provide feedback.
22 Jun	**Session 4b**: Transition Roadmap, Impacts & Benefits (IDX, IDAM, PC)	Business	4hr	Consider Transition Roadmap and Impacts/Benefits. Provide feedback.
28 June	**Session 5**: Conclusions	Combined	2hr	Consider summary findings & recommendations

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the What's on the B2B horizon? slides

- B2B v3.8 Implementation
  - Adrian Honey (TasNetworks) highlighted that if a Participant chooses to not migrate to the new schema, and where mixed messages are bundled into the one message, that the whole message may be rejected
  - Adrian to raise this issue at the Implementation Forum

- EV Charging/enhancing the DER register
  - Members to confirm what this item relates to

- Self-serve Certificate mgt item to be added to the table
  - New Action: AEMO to add 'Participant Certificate Automation' to the What's on the B2B horizon? slide

- IDX/IDAM/PC
  - Blaine mentioned that AEMO has called for nominations by 23 Mar for the 2 focus groups at yesterday's PCF
  - Should members have any questions about these initiatives, please contact NEM2025@aemo.com.au
  - In response to a question from Paul Greenwood (Vector), Blaine suggested that the scope of these initiatives is still being confirmed and that Participants mentioned at the PCF that:
    - Cost considerations, focus group membership, transitional requirements and appropriate lead-times needs to be well thought through

Forward Agenda

B2B WG

Forward Agenda

Month	Proposed Agenda	Meeting Type
March	- Standing agenda items * - IEC Meeting Debrief (ROLR) - ICF B006/22 PersonName - IESS Consultation Activities - Proposed IEC Attendance Roster	Virtual
April	- Standing agenda items * - Commence IESS B2B Consultation Change Pack Dev.	Virtual
May	- Standing agenda items * - B2B 3.8 implementation - IEC IESS B2B Change Pack engagement	Virtual
June	- Standing agenda items * - AEMC MSR Final Report - Finalise IESS B2B Change Pack - IESS B2M Draft Report due - IEC meet and greet	Face-to-face
July	- Standing agenda items * - Response to IEC Power Quality actions	Virtual

Month	Proposed Agenda	Meeting Type
August	- Standing agenda items * - Consider IESS B2B First Stage Submissions and update the IEC	Virtual
September	- Standing agenda items * - Finalise B2B Guide changes - Prepare IESS B2B Draft Determination	Face-to-face
October	- Standing agenda items *	Virtual
November	- Standing agenda items * - Consider IESS B2B Draft Determination submissions and update the IEC - Unlocking CER Benefits through Flexible Trading	Virtual
December	- Meeting to include IEC reps - Standing agenda items * - The year in review - Looking forward to 2024	Face-to-face

Standing agenda items include: Action Log, B2M Update, ICF Status Update

Other items to monitor:
- IDX (Information Data Exchange)
- IDAM (Identity and Access Mgt)
- Electric Vehicle Supply Equipment Standing Data
- New ICFs and other NEM2025 Roadmap initiatives

Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the Forward Agenda slide

- Forward agenda, including meeting type, to be reviewed monthly to ensure appropriateness

IEC Meeting Roster

Blaine Miner (AEMO)

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
29 May 2023	All sectors	All members	• IEC has requested for the B2B WG to attend the IEC's face-to-face meeting in Sydney, scheduled for 3pm 29 May • 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	TBC	• 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

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	

• 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

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Notes

- Blaine Miner (AEMO) spoke, and provided additional context, to the IEC Meeting Agenda slide

- The IEC have requested for the B2B WG to come to a face-to-face with the IEC on Monday 29 May
    - Adrian Honey questioned the timing considering the Release go-live is the following day 30 May
    - Action: Blaine to raise this concern with Meghan to see if the IEC/B2B WG meet and greet can be changed to allow for the May release to occur first

- Preferred IEC face-to-face meeting approach:
    - Day 1
        - B2B WG members fly into Sydney in the morning
        - IEC meeting to commence at 12pm
        - IEC/B2B WG meet and greet, including 2 key topics, to occur at the beginning of the IEC meeting
        - B2B WG meeting to commence after the IEC meeting commitments have concluded, noting that Paul and Rob will need to remain at the IEC
            - B2B Guide to be the main agenda item
    - Day 2
        - B2B WG to continue the following morning until 1pm
            - ICFs to be the key area of focus
        - B2B WG members fly out in the afternoon
    - Exact agenda to be confirmed at the April B2B WG meeting

- Re the B2B WG rep for the 28 Aug IEC meeting, Wayne Farrell (Yurika) has volunteered to be the Metering member representing the B2B WG

- Action: B2B WG to confirm key messages for the B2B WG rep at the IEC meeting one month prior to the IEC meeting

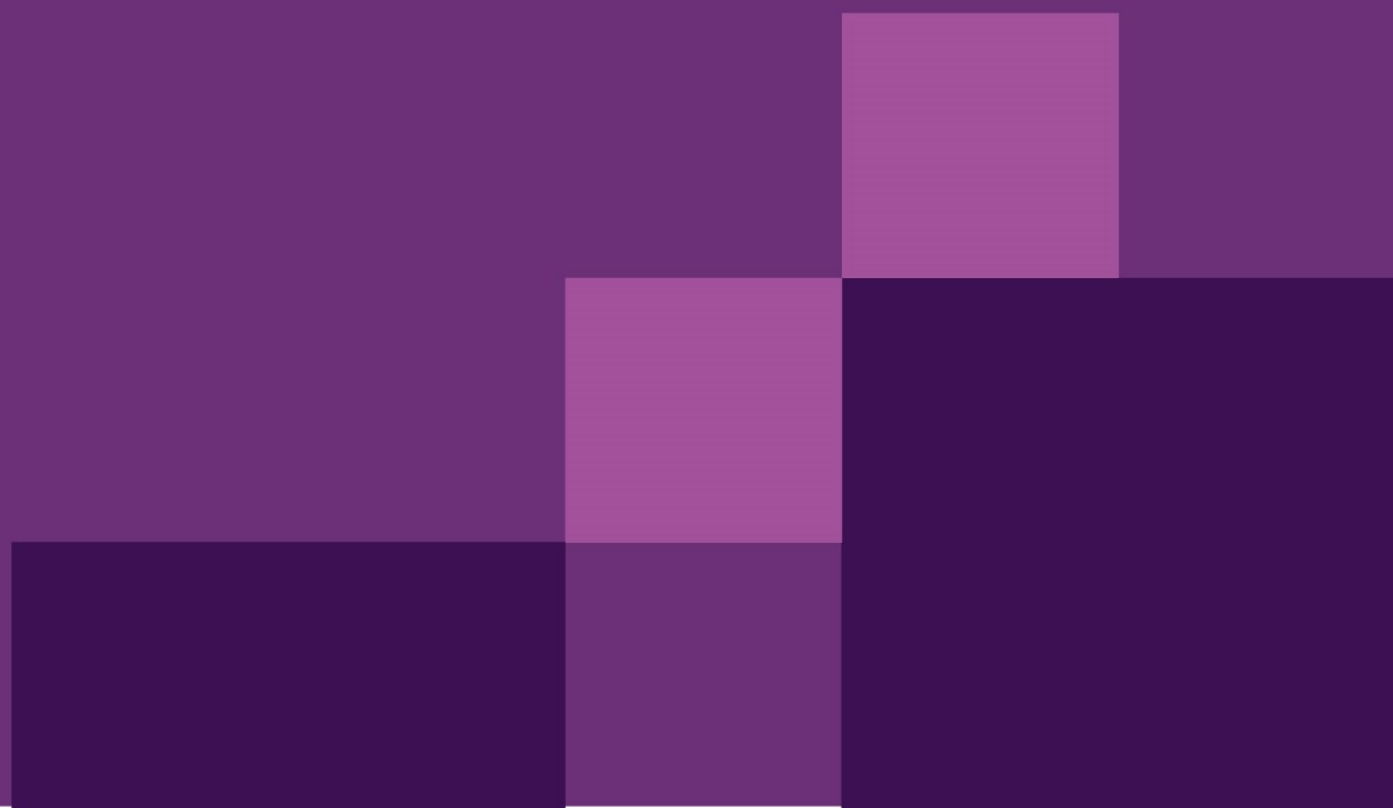# Other Business

B2B WG
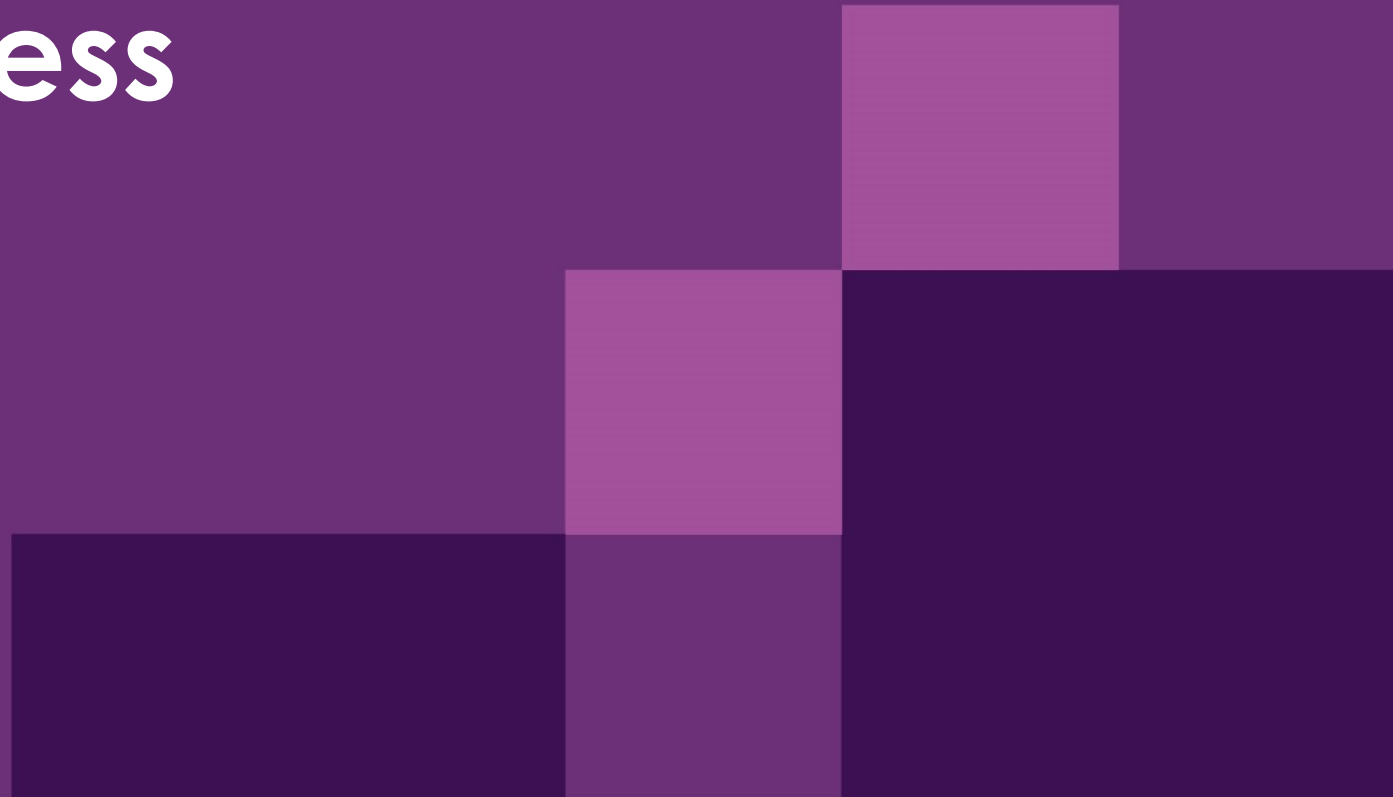
Other Business

- Any other business items?

Notes

- Other Business
    - David Woods (SAPN) asked the group about the treatment of the life support flag in a remote de-en service order request
        - If a Retailer places a 'Yes' in the life support field for a de-en service order request, would the MP reject the SO?
            - Vector, Yurika and PlusES said they would reject, risk adverse approach
        - Jo Sullivan (EA), Mark Riley (AGL) and Sean Jennings (Red/Lumo) stated that if the SO is 'customer initiated' then the MP should complete the work, if the SO is 'retailer initiated' then the MP should not complete the work
        - Retailers to discuss this issue with MPs outside of the B2B WG re required commercial arrangements

- Expedited RoLR consultation
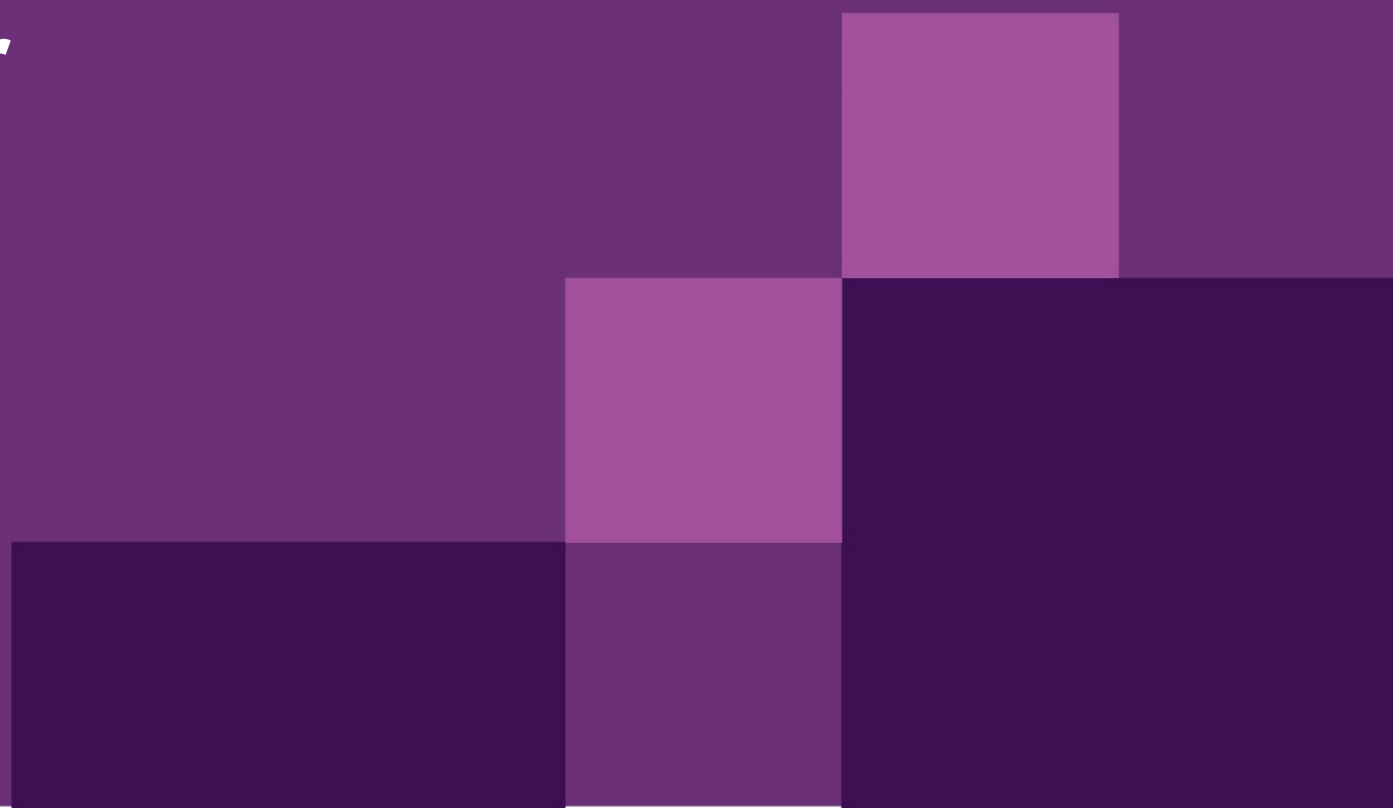   - Action: AEMO to send out the actions timings spreadsheet supporting the IEC Final Report process

Appendix

ICF Register

Blaine Miner (AEMO)

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
ADWNAN Reporting changes	Assignment of Interval ADWNANs to MDP in AEMO Performance Reports	Jane Hutson, EQ	017	Implementation delayed due to an identified impact to AEMO's MDM. Implementation date TBD.
Child NMI standing data quality - TNI and DLF	ENM compliance requirement includes maintenance of standing data of Child NMIs – TNI and DLF I. Child NMI TNI and DLF is directly inherited from parent NMI TNI and DLF for all child NMIs except Child NMIs with site specific TNIs. ENMs currently do not have visibility on parent NMI standing data and to any changes made on the parent NMI standing data (CRs raised on Parent NMIs). This results in an issue as the Child NMI TNI and DLF becomes inaccurate when a parent NMI TNI and DLF are changed in the market but not updated to the ENMs. This affects the Child NMI billing in the market resulting in incorrect billing of consumers. * This also directly affects the SDQ report in MSATS and in turn our ENM compliance report from AEMO.	intelenm@energy intel.com.au	032	Scheduled for 30 May 2023 release.
Updating Network Tariff for a Greenfield NMI	Configuration change to validation in MSATS on the CR3101 to allow the CR3101 to continue rather than reject on a Greenfield NMI.	Laura Peirano (UE)	047	Scheduled for 30 May 2023 release.

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Substitution Type Review	The review requires consideration for new substitution rules to be implemented for interval metering data to replicate substitution rules derived from Manually Read Interval Meters and Accumulative Meters.	Mark Leschke (Yurika)	054	Subset of the initial workshop met 20 Feb to further consider pain points and potential next steps
Clarifying when an embedded network code must be issued	Clarifying EN interpretations of the relevant clause, so the clauses are applicable regardless of the Distributor's embedded network application process.	Dino Ou (Endeavour)	055	Scheduled for 30 May 2023 release.
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	Subgroup formed. Proponent considering next steps.
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	Included in the 'IESS' consultation
'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	Scheduled for 1 Oct 2023 release.

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Addition of the 'HouseNumberToSuffix' field	The 'House Number To Suffix' is a part of the Australian structured address standards. 'HouseNumberToSuffix' was added to the r42 schema in mid-November 2021 by the ASWG, the body that ensures the technical accuracy of the aseXML schema. At the time, ASWG Industry representatives suggested that, purely from an XML perspective, it would be prudent to add a 'HouseNumberToSuffix' element as a logical extension of 'HouseNumberTo'. While its addition to the schema may be technically valid, its addition to the Procedures is still subject to consultation.	Aakash Sembey (Origin Energy)	064	Scheduled for 30 May 2023 release.
Removal of NMI Discovery Type 3 limitations	'Won in Error' process being impacted by MSATS NMI Discovery Type 3 showing an error message where a transfer completed more than 130 business days ago. This MSATS constraint forces market participants to rely on a manual process and retailers are left with no choice but to obtain the 'previous FRMP' details from the relevant network via email. Rule 7.15.5 (c) and (e) of the NER provides relevant provisions for retailers to access to energy data, including NMI Standing Data, in order to comply with its obligation. Since there are no restrictions in the NER, Origin requests AEMO to consider removing this validation from MSATS.	Aakash Sembey (Origin Energy)	065	Scheduled for 30 May 2023 release.

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
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	Document to be updated and published for comment. Exact timing still TBD.
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
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.	Wayne Turner (Ausgrid)	070	Included in the 'IESS' consultation

For more information visit

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