

B2B Working Group Meeting 1 Notes



1 February 2023

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for the purpose of minute taking.



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2. Having your video turned off helps with performance and minimises distractions.
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4. Raise your hand if you wish to speak to an item. This keeps conversations orderly.
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6. If your name appears abbreviated on Teams, please add your name and organisation to the chat for our records.
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 - Both on the call and in the chat

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- 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 & Good-bye
 - Good-bye - Christophe and Nandu
 - Welcome - Sean and Kate
2. Open Actions
3. B2M Update
4. IEC ICF Updates
5. IESS consultation Update
6. 'What's on the B2B horizon?'
7. Other Business
 - Shared Fuse communication (Aakash)
 - Procedural vs aseXML schema definitions (AEMO Support Hub)
 - IEC attendance roster
 - Next meeting
8. Appendix
 - ERCF ICF Register



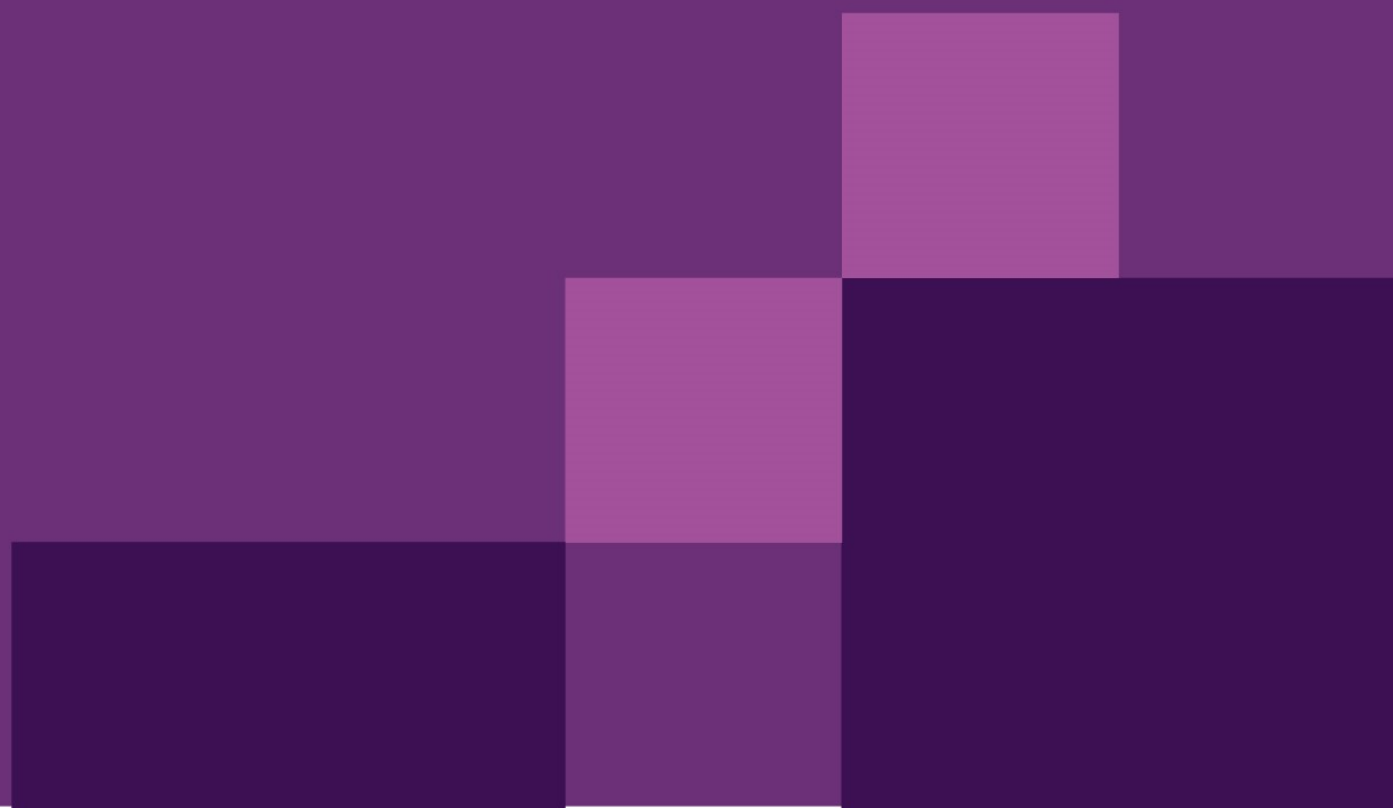
Notes

- Blaine Miner (AEMO) welcomed the members to the meeting and went through the proposed agenda
- Blaine confirmed that the AEMO resources supporting for the WG will change from Nandu to Kate Gordon, as Nandu will be focusing more on Gas related matters in the immediate term
- Sean Jennings (Red/Lumo) introduced himself to the group and Christophe confirmed he stepping down from the WG and is moving to Zen Energy
- **Action:** 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



Actions Log

Blaine Miner (AEMO)



Open Actions



Action	Description	Responsible	Due Date	Update
0803-01	Improve the B2B Guide	B2B-WG	TBD	Proposed markups have been progressed by Mark and David
1309-01	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	B2B WG	TBC	Action from the IEC. When is this action due?
1309-02	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	B2B WG	TBC	Action from the IEC. When is this action due?
1309-05	Prepare the IEC engagement content to support the expedited consultation on the PersonName definition	B2B WG	TBC	Draft IEC Paper circulated Wed 25 Feb
1110-02	Prepare initial draft of IESS IEC paper for review by the B2B WG	Blaine Miner, Nandu Datar (AEMO)	TBC	Is this action still required? Is the IEC expecting a paper to be provided or just periodic updates?
1110-03	Review the IESS IEC paper and provide feedback	B2B WG	TBC	Is this action still required, as per 1110-02?

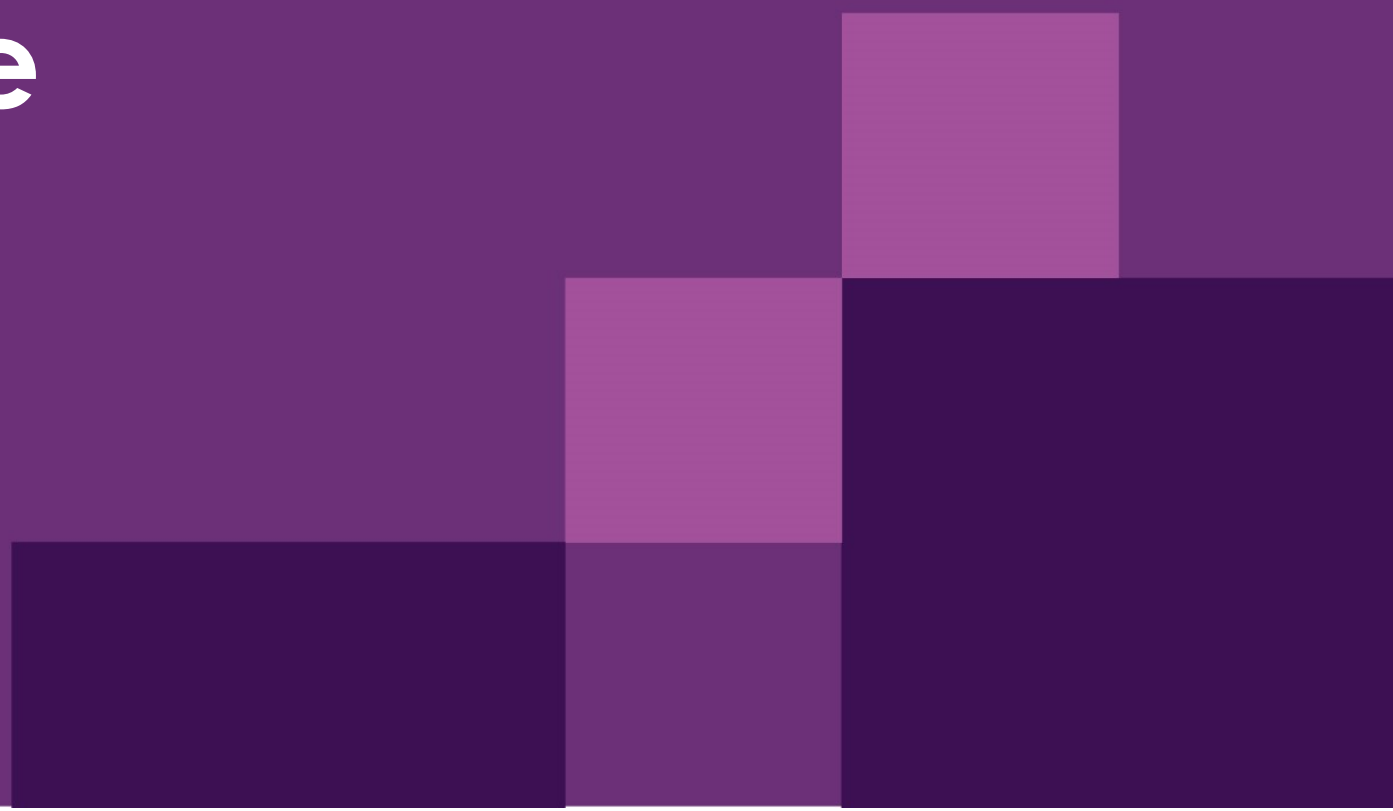
Notes

- Blaine Miner (AEMO) spoke to Actions Log slide
- **Action:** AEMO to add a 'Topic' column to the Actions log/table to help with ease of use
- 0803-01
 - Blaine proposed to close action 0803-01 and instead create new actions to support ongoing progress re improvements to the B2B Guide
 - Mark Riley and David Woods provided an update re the proposed changes they had been drafting for the B2B Guide
 - **Action:** 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 by Friday 17 Feb
 - **Action:** B2B WG members to provide feedback re proposed approach to the B2B Guide prior to the next B2B WG meeting
 - **Action:** Blaine 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
- 1309-01 and 1309-02
 - To be progressed and responded to post the publishing of the AEMC's Final Report (June/July)
 - **Action:** AEMO to include this timing in the B2B WG forward agenda
- 1110-02 and 03
 - Blaine proposed to close these actions as ongoing updates will be provided to the IEC periodically and that consultation preparation engagement will occur leading up to the mid-2023 B2B/IEC formal consultation
 - Members supported the suggested closures
 - **Action:** AEMO to close actions 1110-02 and 03



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	<ul style="list-style-type: none"> 14 Open ICFs, with 5 associated subgroups (refer to the Appendix) <ul style="list-style-type: none"> Building Name Field Length increase ICF (from 30 to 60) 2 ICFs scheduled for release in May, 4 under consultation, 8 in progress
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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Implementation on track for 30 May 2023
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.	<ul style="list-style-type: none"> B2M consultation planned for early March 2023 B2B consultation planned for mid-2023, post B2M Draft Report stage
Other B2M consultations	<ul style="list-style-type: none"> UFE Reporting Guidelines Load Profiling 	<ul style="list-style-type: none"> UFE Reporting Guidelines: <ul style="list-style-type: none"> Publication of Final Report and Determination by 27 February 2023 Load Profiling Methodologies: <ul style="list-style-type: none"> Publication of Final Report and Determination by 24 February 2023

Notes

- Blaine Miner (AEMO) spoke to the B2M Update slide and provided additional context
- Blaine highlighted ERCF ICF_070, regarding the request to increase the Building Name field length in MSATS from 30 to 60 characters, noting that the aseXML schema currently supports 60 characters, as there are two elements defined for Building or Property Name:
 - `<xsd:element name="BuildingOrPropertyName" type="AustralianBuildingOrPropertyName" nillable="true" minOccurs="0"/>`
 - `<xsd:element name="BuildingOrPropertyName2" type="AustralianBuildingOrPropertyName" nillable="true" minOccurs="0"/>`
- **Action:** AEMO to confirm what was actually being proposed for ERCF ICF-070
 - Response: ICF-070 seeks to align the MSATS field length to the aseXML schema i.e. 60 characters
- IESS B2B consultation planned to commence post the B2M Draft Report being published
- **Action:** 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
- Blaine confirmed that the UFE Reporting Guideline effective date is 1 Mar 2023 and the effective date of the updated 5min Load Profiling (5MLP) methodology is 1 Oct 2023



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	<ul style="list-style-type: none"> 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)	Change Pack Requested by the IEC	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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)	Suspended	<ul style="list-style-type: none"> Mark to consider next steps
B006/22	PERSONNAME definition spec correction	Person Name field Technical Specification clarification	Helen Vassos (PLUS ES)	IEC Paper and Change Pack Required	<ul style="list-style-type: none"> 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		Pending	<ul style="list-style-type: none"> 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)	IEC Paper and Change Pack Required	<ul style="list-style-type: none"> B2B WG to prepare change pack to support an expedited consultation

Notes

- B002/22, B003/22 and B004/22 have been endorsed by the IEC for change pack development
 - **Action:** B2B WG to consider and determine change pack development timings supporting B002/22, B003/22 and B004/22
- B006/22
 - Members discussed the validity of updating the fields to Mandatory
 - Mark questioned the ongoing inclusion of specific Australian Standard references in the Tech Spec i.e. removal of “-2017 – AMD1 2020”
 - Discussion occurred regarding various organisation’s approaches to system builds, procedure led or schema led
 - Adrian and Blaine suggested that system builds should be directed by the Procedure, as the schema may allow for a provision which is not currently supported by the Procedures e.g. HOUSENUMBERTOSUFFIX
 - IEC Paper to be placed on hold until the following actions have been completed and considered
 - **Action:** AEMO to confirm the definition of an ‘empty string’, ensure consistency with Gas
 - **Action:** 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
 - **Action:** AEMO to confirm if the ASWG considers/actions updates to applicable Technical Specifications relating to any proposed ASWG change
 - **Action:** B2B field mapping document to be referenced in the Procedures, ICF to be raised
 - **Action:** AEMO to raise the issue of improved coordination between the ASWG and the various Industry engagement channels: ERCF, GRCF and B2B WG
- B007/22
 - Procedure to be aligned to the B2B Guide, Aakash to lead this item
- B008/22
 - Aakash spoke to the proposed IEC ROLR Paper
 - Sean raised a couple of questions re:
 - ‘Average Daily Load’ – NMI or meter level and the potential implications of making the field Mandatory
 - ‘Solar’ – The creditability of the population of this field, David confirmed that SAPN would not include a network solar tariff in MSATS if there is no network payment involved
 - ‘Hardship Indicator’ and ‘Payment Plan’– Usually something a Retailer accrues so we need to check the ability to provide this information associated to a new customer relationship with the ROLR
 - Mark suggested ‘Battery’ and ‘EV’ should probably be included in this review
 - Aakash confirmed that Mario/Origin had raised this matter in the GRCF to ensure consistency
 - **Action:** B2B WG members to provide final feedback to Aakash re the IEC ROLR Paper **by COB Monday 6 Feb**
 - Aakash to attend the 21 Feb IEC meeting on the B2B WG’s behalf



IESS Consultation Update

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

- Confirm B2M Issue Paper topics will be provided at the next meeting

‘What’s on the B2B horizon?’

B2B WG

‘What’s coming on the horizon’



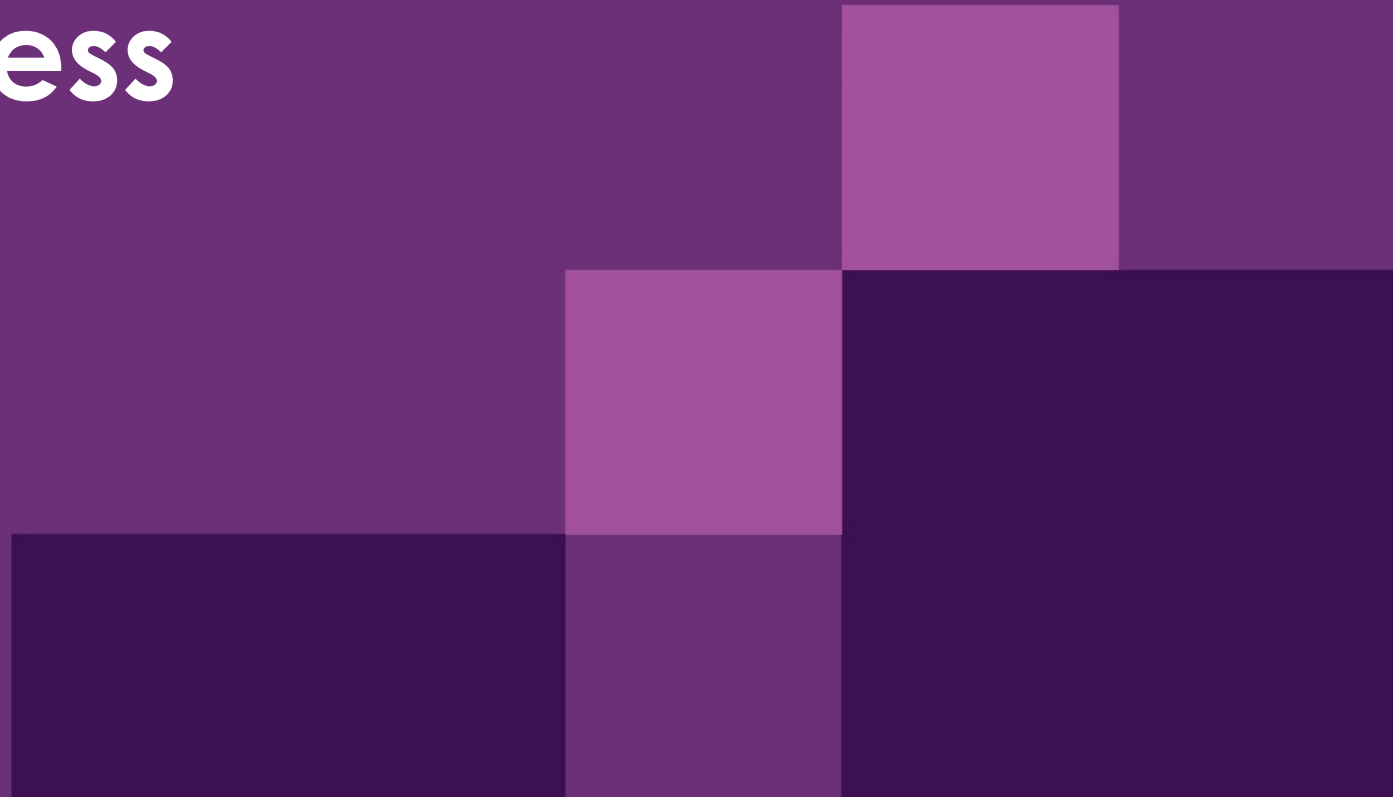
- Immediate:
 - Expedited ROLR IEC Change Pack development
- Short/Medium Term:
 - Expedited PERSONNAME definition IEC Change Pack development
 - B2B 3.8 implementation – 30 May 2023
 - IESS consultations
 - IDX (Information Data Exchange) and IDAM (Identity and Access Mgt) engagement
- Medium/Long Term:
 - AEMC REVIEW OF THE REGULATORY FRAMEWORK FOR METERING SERVICES
 - NEM 2025 initiative
 - Unlocking CER benefits through flexible trading
 - EV Charging/enhancing the DER register

Notes

- **Action:** AEMO to circulate a 'NEM2025 initiative' table, for the B2B WG's consideration and initial population
 - Attempts to identify likely B2B impacts i.e. Likely, Unlikely, Unsure and Material vs Minor
 - Needs to allow for the views of different Participants Types
- **Action:** The IEC's Power Quality actions on the B2B WG (1309-01 and 1309-02) to be progressed and responded to post the publishing of the AEMC's Final Report (June/July)
- **Action:** Convert the 'What's on the B2B horizon?' slide into a table, including key dates, comments, etc.
- Meghan mentioned that:
 - AEMO has been asked to update the NEM2025 roadmap to reflect movements made since the publishing of the current version
 - AEMO is currently considering Industry engagement relating to IDX (Information Data Exchange) and IDAM (Identity and Access Mgt)

Other Business

B2B WG



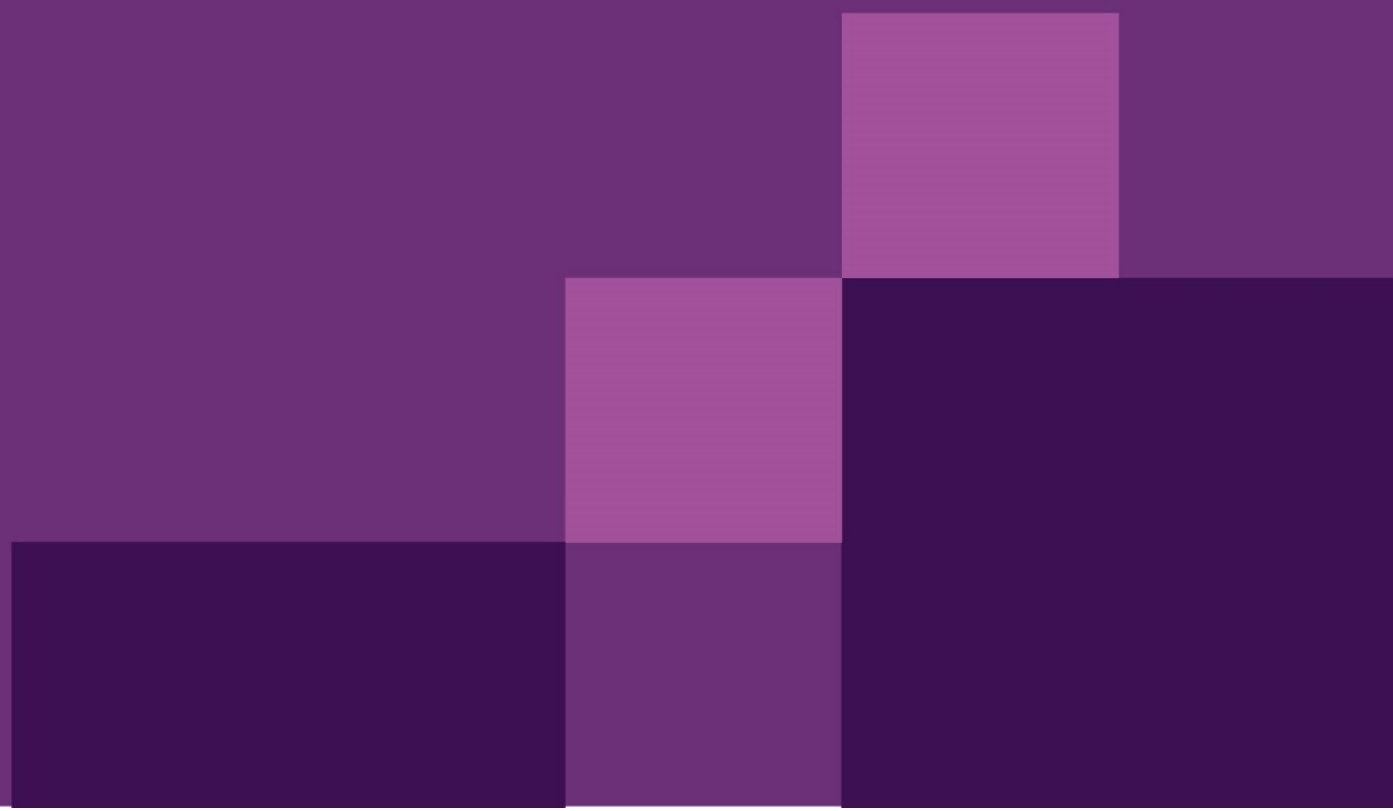
Other Business

- Shared Fuse communications:
 - The Rule and Procedures, as it stands, requires the MP to notify MC and FRMP of Shared Fuse and in turn requires the FRMP and MC to notify the LNSP of that Shared Fuse.
 - Ultimately, the MPB are the only party which will identify the sites with Shared Fuses.
 - As we now go to B2B for this notification to the LNSP, the question we have is: could we bypass the FRMP and MC and have the MP send the notification directly to the LNSP (perhaps with the MC and FRMP as notified party if need be)?
 - Whilst the Rule may continue to require the FRMP and MC to be responsible, the mechanism of how the LNSP is notified could perhaps be in a way where the MP does this, contractually, on behalf of the MC and FRMP via their MP ID.
 - Since Origin are a non-transactional MC, it represents a massive undertaking to do this via B2B. In the Retailer's case, it's simply representing more overhead and extra failure points in relaying the same information to the LNSP for the same outcome.
- Item 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)**."
 - Does an ICF need to be raised to address this issue?
- IEC attendance roster
 - Roster to be established to ensure equal opportunity to attend
 - Where the IEC agenda is focused on a particular Industry segment, amendments to the roster may occur
- Any other business items?
- Preferred frequency, location/approach and timing/length of future meetings

Notes

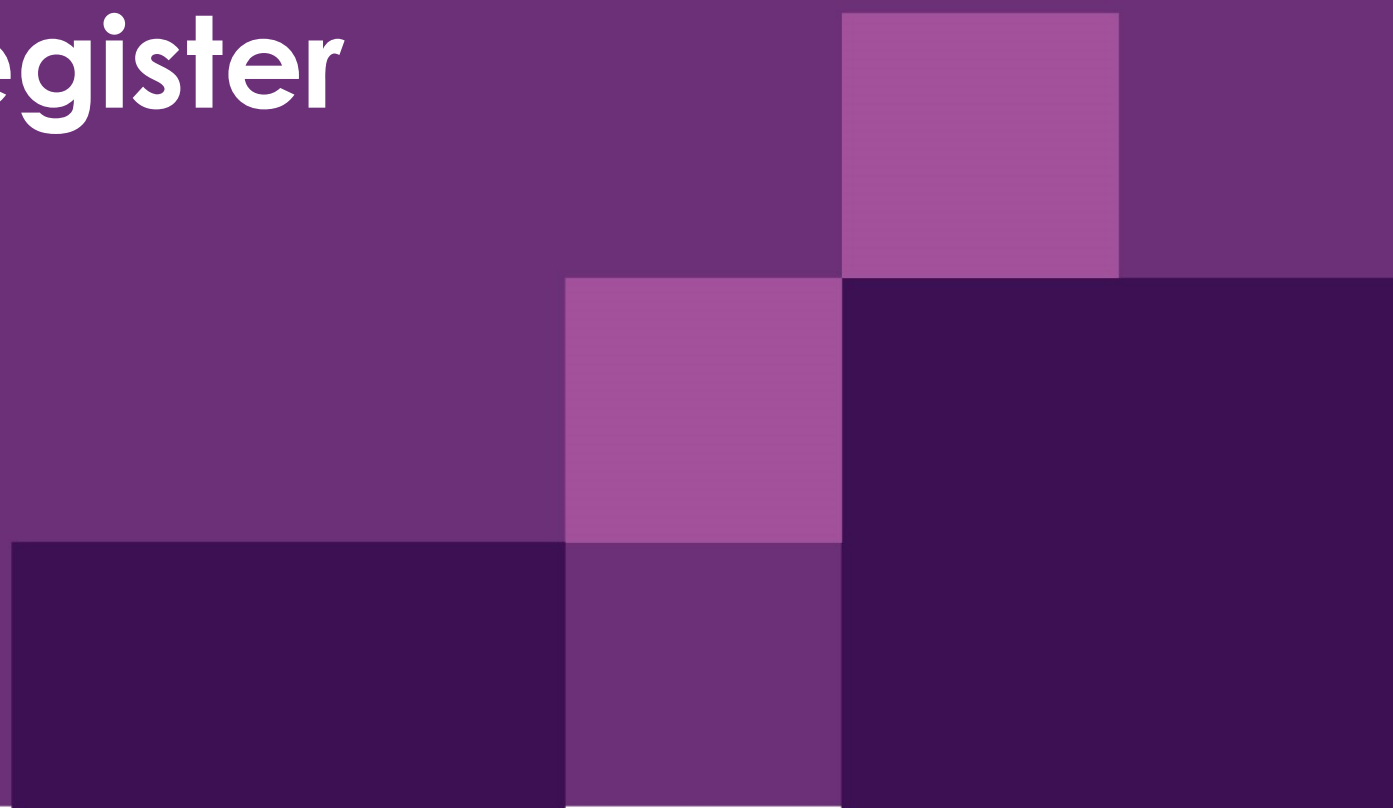
- Shared Fuse communications
 - Aakash confirmed that Origin's 'Shared Fuse communications' issue had been resolved within Origin and is no longer a matter to be raised with the B2B WG
 - Origin intends on confirming which LNSPs will not accept a Shared Fuse transaction from the MPB, for those that don't, Origin Retailer will raise the OWN as required
- Allowed values for the ConfirmedDe-energisation field
 - The B2B WG agreed that an ICF should be raised to potentially include the reference to the B2B field mapping document in the Procedures
 - **Action:** AEMO to draft the initial ICF for the B2B WG's consideration and feedback
- IEC attendance roster
 - **Action:** AEMO will draft a proposed roster for the B2B WG's consideration and feedback
- B2B WG monthly meetings
 - **Action:** AEMO to send out a reoccurring monthly meeting, 4hrs in duration
- AEMO Exemption Capability
 - AEMO's functionality has been removed from the 30 May 2023 release but is intended to be implemented asap afterwards, as early as June/July

Appendix





ERCF ICF Register



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	<p>ENM compliance requirement includes maintenance of standing data of Child NMIs – TNI and DLF I.</p> <p>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.</p> <p>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).</p> <p>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.</p> <p>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.</p>	intelenm@energy intel.com.au	032	Scheduled for the 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 the May 2023 release.

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
NMI Status Updates	Proposes more explicit obligations regarding LNSPs reflecting NMI status energisations/de-energisations in MSATS regardless of the mechanism that triggered the status and this trigger point being from when LNSPs are advised of said status.	Helen Vassos (PLUS ES)	052	Should this ICF now be considered closed?
Substitution 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 subgroup to meet to consider next steps. Next meeting likely to occur Feb 2023.
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	Included in the 'Load Profiling Methodologies' consultation
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	Subgroup formed. Update provided in this meeting.
'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	Included in the 'Load Profiling Methodologies' consultation

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
<p>Addition of the 'HouseNumberToSuffix' field</p>	<p>The 'House Number To Suffix' is a part of the Australian structured address standards.</p> <p>'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'.</p> <p>While its addition to the schema may be technically valid, its addition to the Procedures is still subject to consultation.</p>	<p>Aakash Sembey (Origin Energy)</p>	<p>064</p>	<p>Included in the 'Load Profiling Methodologies' consultation</p>
<p>Removal of NMI Discovery Type 3 limitations</p>	<p>'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.</p> <p>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.</p> <p>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.</p>	<p>Aakash Sembey (Origin Energy)</p>	<p>065</p>	<p>Included in the 'Load Profiling Methodologies' consultation</p>

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 SMS 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	AEMO seeking feedback from the ERCF



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