

ERCF Monthly Meeting NOTES

27 March 2023

This meeting is being recorded for the purpose of minute taking.



Online forum housekeeping

1. Please mute your microphone, this helps with audio quality as background noises distract from the information being shared.
2. Video is optional, but having it 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 ERCF@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.
 - This includes 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
2. Consumer Data Right (CDR)
3. Information Data Exchange (IDX), Identity and Access Mgt (IDAM), Portal Consolidation (PC)
4. ICF Register
5. Items of Interest
6. General Business and Next Steps
7. Appendix
 - Completed Consultations
 - ERCF ICF Release Summary

Notes

- Blaine Miner (AEMO):
 - Welcomed members and went through the preliminary slides
 - Mentioned:
 - Changes to the ERCF slide content approach associated to the ICF Register and the associated subgroups, adding a specific subgroup column to the ICF tables
 - The intention of the 'Items of Interest' agenda item
 - Items located in the Appendix
 - Provided a brief overview of the meeting's agenda



Consumer Data Right (CDR)

Justin Stute (AEMO)

Consumer Data Right – LCCD Edge Case Risk Update

- AEMO has accepted the proposal from initial retailers in respect of the risk of the edge case where the LCCD field is populated but not maintained during the compliance holiday period
- AEMO will proceed with a consultation for a minor amendment to change the effective date of the commencement of the LCCD in MSATS to 1 November 2023 for all participants
- The indicative timeframe for publication of the consultation is late March

Notes

- Justin Stute spoke to, and provided additional context to, the Consumer Data Right slide
- Members raised the following matters/questions:
 - Deferring the LCCD obligations for Initial Retailers will mean that all Retailers will have the same obligation date, 1 Nov 2023
 - Justin confirmed that should the obligation date be deferred to 1 Nov 2023:
 - The r43 schema, which is scheduled to be released on 30 May 2023, will still contain the LCCD field
 - The LCCD field will not be available for Participant use in MSATS until 1 Nov 2023
 - Transitional support can be reconsidered
 - Blaine confirmed that the BUT is currently not expected to be configured to support the population of the LCCD, as per the CDR Part 2 Final Determination
 - When will the LCCD field be available in Pre-prod for Industry Testing
 - **Action:** AEMO to confirm the date the LCCD field will be available in Pre-prod
 - Response: This is still to be determined and may be influenced by the outcome of the Minor Amendment consultation
 - Will the LCCD field be NMI Discoverable?
 - Blaine confirmed that the LCCD will not be NMI discoverable



Information Data Exchange (IDX), Identity and Access Mgt (IDAM), Portal Consolidation (PC)

Blaine Miner (AEMO)

Background – Strategic / Foundational initiatives

Pathway	Initiatives	Description
Foundational <ul style="list-style-type: none"> Foundational dependency work to deliver an uplift to base capability on which reforms are dependent 	<ul style="list-style-type: none"> Identity Access Management (IDAM) 	<ul style="list-style-type: none"> A unified mechanism to authenticate participant users and applications when accessing AEMO services.
	<ul style="list-style-type: none"> Industry Data Exchange (IDX) 	<ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Portal Consolidation (PC) 	<ul style="list-style-type: none"> A 'single pane of glass' user experience for participants accessing all AEMO browser based services

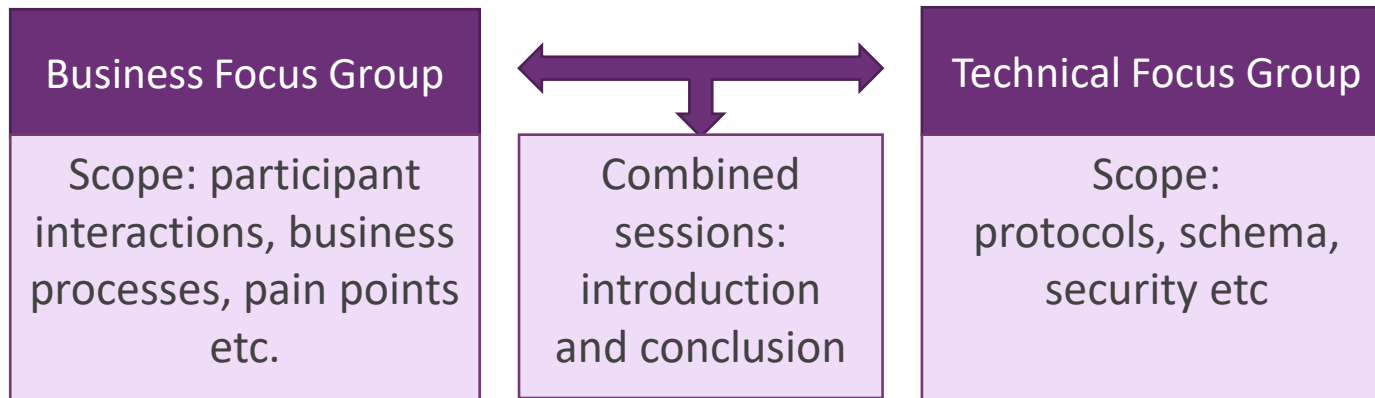
- These initiatives have been identified for the NEM Reform Program and included in the [NEM Reform Implementation Roadmap](#).

Progressing IDX, IDAM and PC



- The initiatives are at a Discovery stage and as part of the product roadmap AEMO will consult with industry, including the Reform Delivery Committee, to determine an appropriate transition strategy prior to any funding decision being made.
- AEMO facilitated a Discovery process for the Industry Data Exchange initiative in Feb-June 2021.

Call for nominations



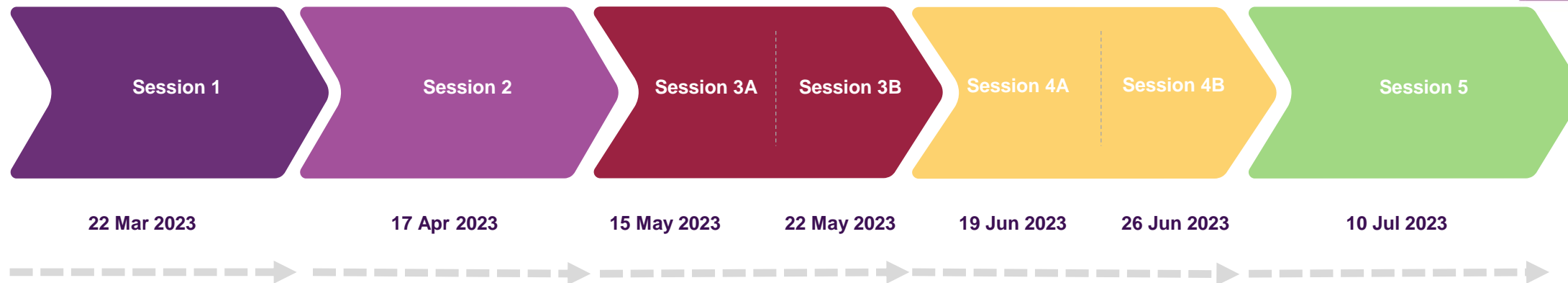
Scope includes DER, Electricity Retail, Electricity Wholesale, (less emphasis on Gas Retail).

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 nominations for these Focus Groups. An information session is held on 22 March 11.30am-12.30pm AEDT to inform participants of the scope and approach. Nominations to be sent to NEM2025@aemo.com.au.

Industry Consultation



Session	Introduction – IDX, IDAM & PC	Discovery Workshops – IDAM and PC	Target State Discussion	Transition Strategy	Conclusions and Business Case
Agenda*	<ul style="list-style-type: none"> Introduce initiatives Outline workshop plan 	<ul style="list-style-type: none"> Pain points and benefits Cyber considerations Survey 	<ul style="list-style-type: none"> Concept walkthrough 	<ul style="list-style-type: none"> Transition Strategy Impacts & Benefits 	<ul style="list-style-type: none"> Summary Options
Audience		 	 	 	

Notes

- Blaine Miner spoke to the Information Data Exchange (IDX), Identity and Access Mgt (IDAM), Portal Consolidation (PC) slides
- Blaine mentioned that the slides will be presented through various AEMO forums, for maximum coverage and consistent messaging
- Blaine requested members to ensure that their organisations, where applicable, send through their Business and Technical focus group nominations to NEM2025@aemo.com.au asap
- Meghan Bibby (AEMO) confirmed that the proposed sessions in May and June will be split into Business and Technical subgroups
- Blaine and Meghan confirmed that there are currently no restrictions as to the number of people nominated by organisations



ICF Register

Blaine Miner (AEMO)

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 date TBD.
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	Subgroup met on 14 March to further consider pain points and potential next steps
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	Document to be updated and published for comment. Exact timing still TBD.
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	Subgroup met on 7 Mar 2023, feedback being sought re objectives, AEMO analysis and potential longer-term options

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	Included in the IESS Consultation • Submissions due 3 April
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	Included in the IESS Consultation • Submissions due 3 April

ICF Register Update

(Awaiting Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
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 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.
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.

ICF Register Update

(Awaiting Release)

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>Scheduled for 30 May 2023 release.</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>Scheduled for 30 May 2023 release.</p>

ICF Register Update

(Awaiting Release)

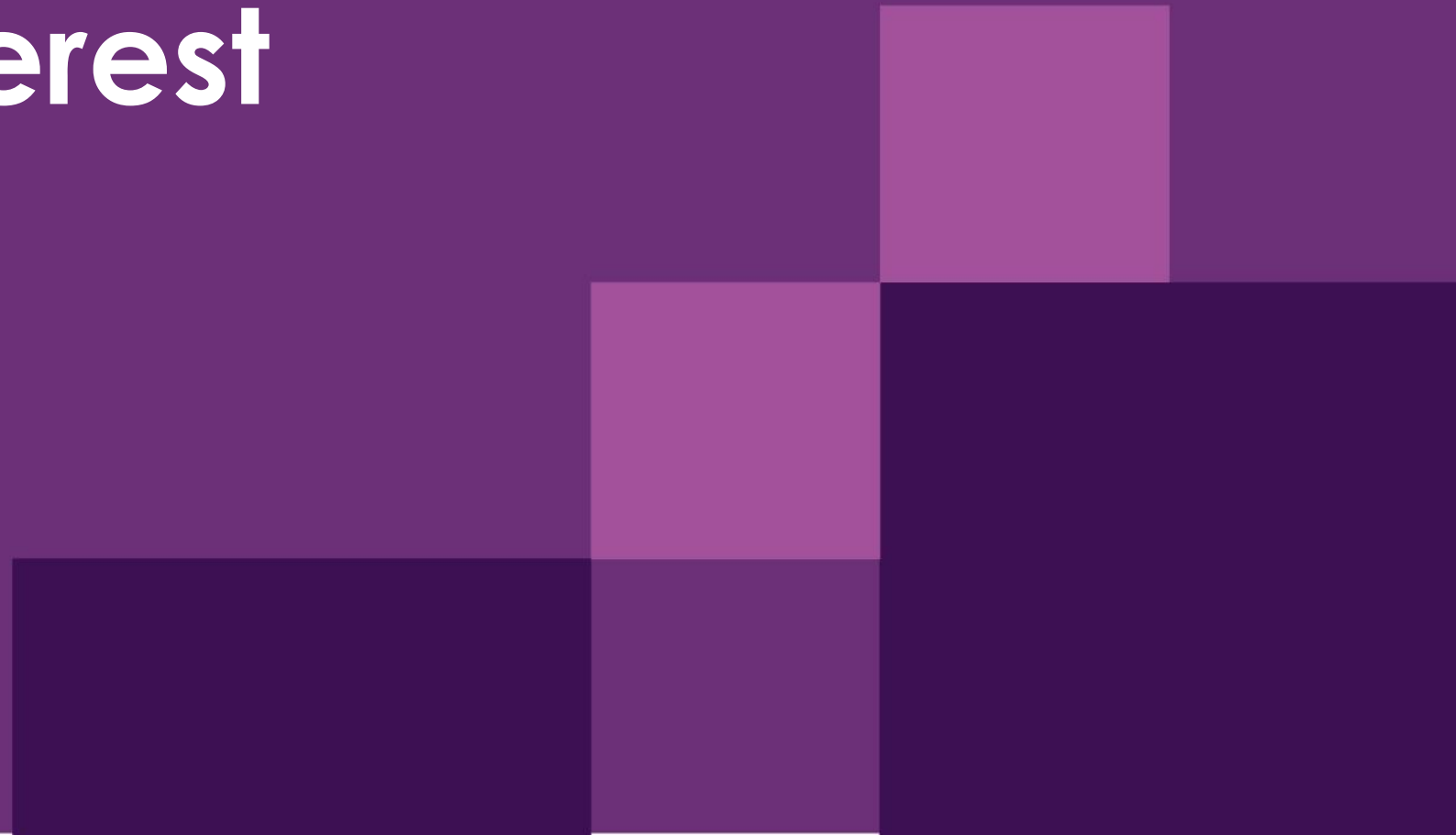
Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	Mark Riley (AGL)	060	Scheduled for 1 October 2023 release.
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

Notes

- Blaine Miner (AEMO) spoke to the ICF Register Update slides
- Blaine and Mark Riley (AGL) provided a brief update from the Substitution Type Review subgroup
 - The subgroup has met twice
 - The subgroup is focused on ensuring that the Substitution types specified in Metrology Part B, and the associated reason codes, are still fit for purpose and supports Industry activities, included customer enquiries
 - The subgroup is engaging MDPs across the NEM, to receive their feedback for all proposed changes, in order to reduce the likelihood of unintended consequences
- Blaine and Mark Riley (AGL) provided a brief update from the Clarification of End Date in Inventory Table subgroup
 - The B2B WG is currently being engaged for their advise and consideration, as the inventory file supports the communication of information between Participants
- Blaine provided a brief update from the NSLP Longer-term Methodology subgroup
 - AEMO met with the subgroup on 7 March to share their analysis, potential methodology options and key considerations leading into formal consultation e.g. preferred implementation and transitional requirements
 - Feedback has been received from subgroup members and a more detailed update will be provided at the April ERCF monthly meeting

Items of Interest

Blaine Miner (AEMO)



Items of Interest

Category	Title	Description	Comments
Initiative	Certificate Management Solution	TLS Certificates are only required by participants for application-to-application (also known as system-to-system) communications. Participants must replace expiring certificates with new ones to avoid disconnection from AEMO systems	New functionality going live in April Participant certificates due to expire from June 2023
	Information 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	Workshop sessions to occur from March to July 2023
	Identity and Access Mgt (IDAM)	A unified mechanism to authenticate participant users and applications when accessing AEMO services.	Workshop sessions to occur from March to July 2023
	Portal Consolidation (PC)	A 'single pane of glass' user experience for participants accessing all AEMO browser based services	Workshop sessions to occur from March to July 2023
	ESB Billing Transparency	The initiative looks to assess the different requirements of jurisdictions, AER and ACCC in their bill benchmarking processes to see if the content and collection of data can be improved and actioned through streamlined process.	Workshops to commence with stakeholders from 27 March 2023
	Changes to ROLR Procedures (B2M and Gas)	Seeking to identify and implement improvements to the existing B2M and Gas RoLR related activities.	Direct Participant engagement has commenced
	Unlocking CER Benefits through Flexible Trading	Rule change request that aims to unlock consumer energy resources (CER) benefits through flexible trading.	Submissions to the AEMC's consultation paper closed Thursday 16 February 2023
	Review of the regulatory framework for metering services	The AEMC is seeking to identify options to accelerate the deployment of smart meters in the National Electricity Market.	Submissions to the AEMC's Draft Report closed 2 February 2023. Rule change will be required.
AEMO Retail Releases	30 May 2023		Expected to include the SAPS and CDR functionality
	1 October 2023		Expected to include the 5MLP Methodology changes
Compliance Holidays	Metering Coordinator Planned Interruptions (MCPI)	Compliance holiday finishes 1 May 2023	All Shared Isolation Point Flag (SIPF) CATS/WIGs obligations to be enforced from 1 May 2023

Items of Interest

Category	Title	Description	Comments
Consultations	Business to Business (B2B) NEM RoLR Changes	<ul style="list-style-type: none"> The changes (Changes) which are proposed (Proposal) are intended to: <ul style="list-style-type: none"> Enhance the Retailer of Last Resort (RoLR) B2B Customer Details Report provided by the failed/suspended retailers to the RoLR. Correct identified errors in the Procedure. Address gaps in obligations on the treatment of inflight work requests where the work is being undertaken by a non-LNSP service provider. 	<ul style="list-style-type: none"> Expedited IEC consultation Submissions due on the Draft Report 31 March 2023
	IESS plus Other Matters	<p>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. Consultation also includes:</p> <ul style="list-style-type: none"> ICF_059 – NMI Classification Code Recommendations ICF_070 - Increase 'Building Name' Field Length in MSATS 	<ul style="list-style-type: none"> Submissions due on the Issues Paper by 3 April 2023
	Standing Data for MSATS	Inclusion of an additional CT enumerations	<ul style="list-style-type: none"> Comments close 3 April 2023
	SAPS Expedited process	Amendments to various procedures, including MDM procedures, MP SLP and MDP SLP	<ul style="list-style-type: none"> Expedited consultation Submissions due on the Draft Report by 27 April 2023
	CDR Minor Amendment	Consultation required to support the effective date change of the LCCD obligations to 1 Nov 2023	<ul style="list-style-type: none"> Minor amendment process Comments close 14 April 2023
	Metering Exemptions Procedures	Update or remove content from the Metering Exemptions Procedures to account for the new exemption automation	<ul style="list-style-type: none"> Expected to be published in April
	May 2023 Procedure consolidation	Consolidation required for the CATS, WIGs and Standing Data for MSATS documents effective 30 May 2023	<ul style="list-style-type: none"> Expected to be published late April
	NSLP Profiling Methodologies	The determination of the longer term NSLP load profiling methodology was removed from the 'Load Profiling Methodologies' consultation to allow additional time for further analysis and consideration. This consultation seeks to identify and implement a preferred longer-term NSLP methodology.	<ul style="list-style-type: none"> Expected to be published mid-2023

Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the Items of Interest slides
- The intent of these slides is to provide the ERCF ongoing visibility of key items which will, or may, impact Retail and Metering outcomes
 - The technical aspects of these items will be supported by the Implementation Forum as they are allocated to various releases
- Blaine mentioned that any proposed changes associated to the AEMC's 'Unlocking CER Benefits through Flexible Trading' and 'Review of the regulatory framework for metering services' consultations will likely require a subsequent Rule Change consultation to occur
- Blaine requested for members to send through any additional items they believed should be added to the slides to ERCF@aemo.com.au
- A member asked if the full wording of items could be provided in future i.e. minimise the use of acronyms
- Blaine confirmed that the 'May 2023 Procedure consolidation' is a one round consultation, as it only consolidates previously consulted on changes
- Blaine reminded members of the value of being part of a subgroup, to help establish and inform initial formal consultation positions



General Business and Next Steps

Blaine Miner (AEMO)

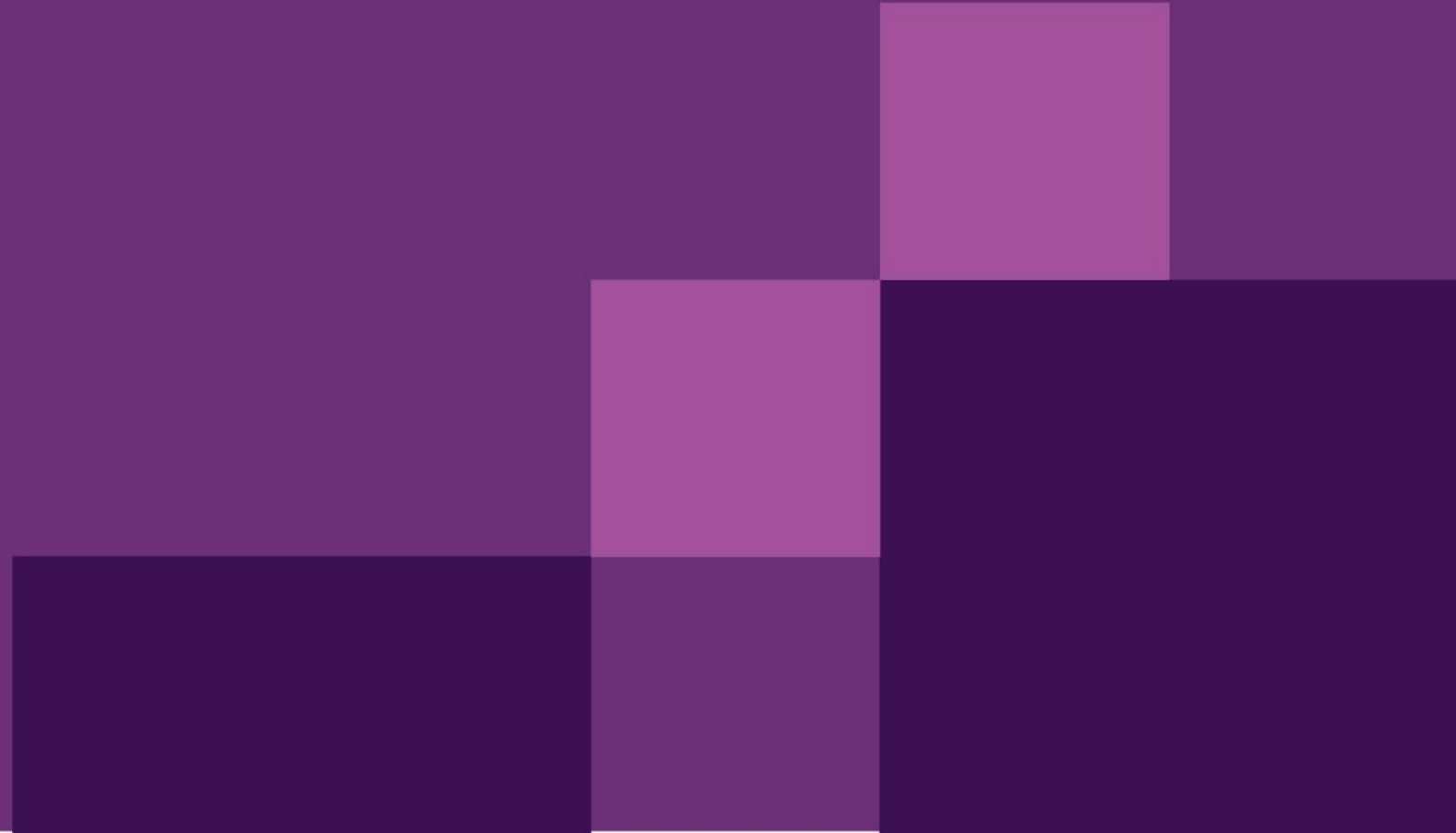
General Business & Next Steps

- Are there any general business items members wish to raise?
- Actions and notes to be circulated asap
- Next meeting scheduled for Monday 24 April 2023
 - Please send through any proposed agenda items, questions or suggested meeting improvements to ERCF@aemo.com.au

Notes

- Aakash Sembey (Origin) asked if AEMO could provide C1 sample files
 - Blaine asked Aakash to send through Origin's initial email request to ERCF@aemo.com.au, so we can follow up the NEM2025 resources on Origin's behalf
 - Update: A SAPS C1 sample file was distributed to the ERCF on Wed 29 March, along with the meeting Notes
- In response to a question raised:
 - Justin Stute (AEMO) confirmed that the CDR Minor Amendment process is a genuine consultation process and that any stakeholder feedback received will be considered by AEMO in forming its final position
 - Blaine confirmed that once functionality is released into pre-prod, it stays in pre-prod for ongoing Industry purposes i.e. the functionality is not removed from pre-prod once it is released into Production
- Mark Riley (AGL) raised the point that the end-to-end CDR process should be tested once the functionality is available in pre-prod, from AEMO receiving the request from the Retailer via APIs through to the provision of data back to the Retailer
- Blaine confirmed that AEMO will limit the data provided in response to a CDR request to:
 - A maximum of 2yrs as per the Rules
 - The date in the LCCD field, if populated
 - The FRMP start date, for the applicable Participant ID, where the LCCD is not populated
 - The data it has in its database i.e. if AEMO doesn't have the data it can't provide it 😊

Appendix



Completed Consultations

Consultation	Short Description	Current Status/Update
Standing Data for MSATS enumerations	Inclusion of additional CT and VT enumerations	<ul style="list-style-type: none"> New enumerations available in Production
UFE Reporting Guidelines	Consultation to facilitate informed debate and feedback by industry about the proposed content of the UFE reporting guidelines to meet the objectives for 3.15.5B in the NER.	<ul style="list-style-type: none"> New procedure effective from 1 March 2023
Load Profiling (ICF_060)	<p>Following the introduction of SMS, 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. This consultation will seek to determine a preferred long-term methodology. Procedures impacted include: Metrology Part B and MDM Procedure.</p> <p>Consultation also includes:</p> <ul style="list-style-type: none"> ICF_055 - Embedded Network Codes ICF_064 - ‘HouseNumberToSuffix’ field ICF_065 - Removal of NMI Discovery Type 3 limitations 	<ul style="list-style-type: none"> New SMLP methodology to become effective from 1 October 2023 ICFs_055, 64 and 65 effective from 30 May 2023

ERCF ICF Release Summary

May 2023:

ICF ID	Description	AEMO Impact
032	Child NMI standing data quality - TNI and DLF	• System only change
047	Updating Network Tariff for a Greenfield NMI	• System only change
055	Clarifying when an embedded network code must be issued	• Procedure only change
064	Addition of the 'HouseNumberToSuffix' field	• Procedure & System change
065	Removal of NMI Discovery Type 3 limitations	• System only change
SIPF	Updates to the CR5000 series 'Maintain NMI' change request logic account of the 1 May 2023 ending of the MCPI Compliance Holiday.	• System only change

Oct/Nov 2023:

ICF ID	Description	AEMO Impact
060	5MLP Longer-term methodology	• Procedure & System change



For more information visit

aemo.com.au