

# ERCF Monthly Meeting - Notes

24 July 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](mailto: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. **In attending this meeting, you are expected to:**
  - Not only represent your organisation's interests but also the interests of Industry and its customers
  - Have an open mindset
  - Contribute constructively
  - Be respectful, both on the call and in the chat

# AEMO Competition Law Meeting Protocol

- AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO, all participants agree to adhere to the CCA at all times and to comply with appropriate protocols where required to do so.
- AEMO has developed meeting protocols to support compliance with the CCA in working groups and other forums with energy stakeholders
- The AEMO Competition Law Meeting Protocol can be viewed and downloaded from AEMO's website
  - [https://aemo.com.au/-/media/files/stakeholder\\_consultation/working\\_groups/aemo-competition-law-meeting-protocol/aemo-competition-law-meeting-protocol---october-2022.pdf?la=en](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. Actions
3. Proposed changes to enumeration management
4. AEMO Procedure versioning
5. ICF Register
6. Items of Interest
7. General Business and Next Steps
8. Appendix
  - Completed Consultations
  - ERCF ICF Release Summary

# Actions

Blaine Miner (AEMO)

# Actions

Actions #	Agenda Item	Description	Responsible	Status	Comments
1	AEMO IESS Draft Report Responses	AEMO to re-confirm if a schema is change is required for ICF_070	Justin Stute	Closed	No schema change required as the proposal I for the MSATS fields to align to the current schema
2	Standing Data for MSATS enumeration process	AEMO to review feedback and confirm new process for updating enumerations within the Standing Data for MSATS document	Blaine Miner/Kate Gordon	Open	AEMO is supportive of: <ul style="list-style-type: none"> <li>• An ICF is received of new enumerations</li> <li>• A notification is send to industry</li> <li>• A new version of the procedure is published after the notification period</li> </ul>
3	ICF Register Update	AEMO to re-send ICF_073 to ERCF members	Kate Gordon	Closed	ICF_073 sent with ERCF meeting notes
4	General Business	AEMO to ensure PCF discussions and actions identified in relation to NEM Reform Foundation & Strategic Initiatives to be shared with primary contacts nominated for NEM Reform Foundation & Strategic Initiatives	Kate Gordon	Closed	All meeting notes are published on the AEMO NEM Reform PCF webpage: <a href="https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/program-consultative-forum">https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/program-consultative-forum</a>

# Notes

- Blaine Miner (AEMO) spoke to the agenda and Action



# Proposed changes to enumeration management

Blaine Miner (AEMO)



# Proposed new process for enumeration changes

- Current process
  - Enumerations ICF raised
  - AEMO confirms validity
  - New version of Standing Data for MSATS published for comment
  - Comments considered and then new version published
  - MSATS updated to reflect changes
- Removal of enumerations from the Standing Data for MSATS document
  - AEMO is seeking the ERCF's feedback regarding the removal of the following fields from the Standing Data for MSATS document
    - Table 27: Valid Transformer Fields values
      - CT Type, CT Ratio (Available), CT Ratio (Connected), CT Accuracy Class, VT Type, VT Ratio (Available and Connected), VT Accuracy Class
    - Table 28: Valid Meter Use Codes
    - Table 29: Valid Time of Day Codes
    - Table 30: Valid Controlled Load Codes
    - Table 31: Valid Test Result Codes
    - Table 32: Valid Transformer Test Values
    - Table 33: Valid Shared Isolation Point Flag Values
  - If supported, enumerations would be available via C1 reports and MarketNet
- Proposed process
  - Enumerations ICF raised
  - AEMO confirms validity
  - Notification Email circulated contained the proposed change(s) - with a 10 day notice period
  - New version of Standing Data for MSATS published, if applicable
  - Enumerations available via C1 reports and MarketNet post the notice period

# Notes

- Blaine Miner (AEMO) spoke to the 'Proposed changes to enumeration management' slide.
- The following feedback was received:
  - Market Net is potentially only available to existing participants
  - If the certain enumeration tables are removed from the Standing Data for MSATS document, a link to Market Net should be provided to direct participants as to where enumerations can be found
  - Some of the proposed tables also include field descriptions, if these were removed, the field descriptions would not be available
  - **ACTIONS:**
    - AEMO to confirm how stakeholders who are not participants would access enumeration tables if they were removed from the Standing Data for MSATS document
    - AEMO to confirm if the proposed changes would require a schema change
    - ERCF members to provide feedback as to which tables they believe should be removed from the Standing Data for MSATS document



# AEMO Procedure Versioning

Blaine Miner (AEMO)

# Procedure version numbering

- When determining the proposed version number of a new Procedure version, AEMO must ensure that the relationship between version numbers and their effective dates are maintained i.e. a version number for a later effective date must be higher than the version with an earlier effective date
- Where a Procedure version does not exist with a later effective date than the new version being consulted on, the increment is “0.1” higher than the applicable base version number
- Where a Procedure version exists with a future effective date that is equal to or greater than the new version being consulted on, the increment should be “0.01” higher than the applicable base version number e.g.:
  - **Scenario 1**
    - Current Version v1.0 - Effective date of 30 May 2023
    - Existing Future Effective Dated version v1.1 - Effective date of 1 Nov 2023
    - **New Consultation version** - Proposed Effective date of **1 Nov 2023**, which equals the effective date of the existing future effective dated version, so the new version number would be v1.11
      - **.01 higher than the Existing Future Effective Dated version number**
  - **Scenario 2**
    - Current Version v1.0 - 30 May 2023
    - Existing Future Effective Dated version v1.1 - Effective date of 1 Nov 2023
    - **New Consultation version** has a proposed Effective date of **1 Oct 2023**, which is prior to the effective date of the existing future effective dated version, so the new version number would be v1.01
      - **.01 higher than the Current version**

# Procedure Versioning Approaches

- Context
  - Metering and Retail procedures have been getting consulted on frequently in recent years resulting in confusion and consolidation activities being required by AEMO
  - AEMO has been considered the preferred versioning and change marking approach to apply in this ever increasing dynamic environment
- Potential Approaches:
  1. Any new procedure versions should be built off the Current version of the impacted procedure as at the time of Draft Determination.
  2. Any new procedure versions should be built off either the Current or Finalised (Final Determination) version of the impacted procedure as at the time of Draft Determination, whichever is more appropriate
  3. Other?
- Scenarios demonstrating the effect of the potential approaches:
  1. No future effective dated Procedure versions exist
  2. A future dated Procedure version exists with a effective date **prior** to the version AEMO is about to consult on
  3. A future dated Procedure version exists with a effective date **post** the version AEMO is about to consult on
  4. Multiple future dated Procedure versions exists with effective dates **prior to and post** the version AEMO is about to consult on

# Procedure Versioning Approach Application

Scenario	Version effective dates	Change marking version	Comments
No future effective dated Procedure versions currently exist	<ul style="list-style-type: none"> <li>Current version (v1.0) <ul style="list-style-type: none"> <li>Effective 30 May 2023</li> </ul> </li> <li><b>New consultation version (v1.1)</b> <ul style="list-style-type: none"> <li>Effective date of <b>1 June 2024</b></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Option 1 <ul style="list-style-type: none"> <li>Current version (v1.0)</li> </ul> </li> <li>Option 2 <ul style="list-style-type: none"> <li>Current version (v1.0)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Both approaches result in using the same version for change marking purposes</li> </ul>
A future dated Procedure version exists with a effective date <b>prior</b> to the proposed effective date AEMO is consulting on	<ul style="list-style-type: none"> <li>Current version (v1.0) <ul style="list-style-type: none"> <li>Effective 30 May 2023</li> </ul> </li> <li>Existing Future dated procedure (v1.1) <ul style="list-style-type: none"> <li>Effective date of 1 May 2024</li> </ul> </li> <li><b>New consultation version (v1.2)</b> <ul style="list-style-type: none"> <li>Effective date of <b>1 June 2024</b></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Option 1 <ul style="list-style-type: none"> <li>Current version (v1.0)</li> </ul> </li> <li>Option 2 <ul style="list-style-type: none"> <li>1 May 2024 Future dated version (v1.1)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Option 1: The existing future dated version changes will not be contained in the new consultation version</li> <li>Option 2: Provides a ‘progressive’ view of a Participant’s future obligations</li> </ul>
A future dated Procedure version exists with a effective date <b>post</b> the proposed effective date AEMO is consulting on	<ul style="list-style-type: none"> <li>Current version (v1.0) <ul style="list-style-type: none"> <li>Effective 30 May 2023</li> </ul> </li> <li><b>New consultation version (v1.01)</b> <ul style="list-style-type: none"> <li>Effective date of <b>1 June 2024</b></li> </ul> </li> <li>Existing Future dated procedure (v1.1) <ul style="list-style-type: none"> <li>Effective date of 1 August 2024</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Option 1 <ul style="list-style-type: none"> <li>Current version (v1.0)</li> </ul> </li> <li>Option 2 <ul style="list-style-type: none"> <li>Current version (v1.0)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Neither approach would contain the existing future dated procedure version changes</li> <li>AEMO would need to perform a version consolidation leading up to 1 Aug 2024</li> </ul>
A future dated Procedure version exists with a effective date <b>prior to and post</b> the proposed effective date AEMO is consulting on	<ul style="list-style-type: none"> <li>Current version (v1.0) <ul style="list-style-type: none"> <li>Effective 30 May 2023</li> </ul> </li> <li>Existing Future dated procedure (v1.1) <ul style="list-style-type: none"> <li>Effective date of 1 May 2024</li> </ul> </li> <li><b>New consultation version (v1.11)</b> <ul style="list-style-type: none"> <li>Effective date of <b>1 June 2024</b></li> </ul> </li> <li>Existing Future dated procedure (v1.2) <ul style="list-style-type: none"> <li>Effective date of 1 August 2024</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Option 1 <ul style="list-style-type: none"> <li>Current version (v1.0)</li> </ul> </li> <li>Option 2 <ul style="list-style-type: none"> <li>1 May 2024 Future dated version (v1.1)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Option 1: AEMO would need to perform a version consolidation leading up to 1 March 2024, 1 June 2024 and 1 Aug 2024</li> <li>Option 2: AEMO would need to perform a version consolidation 1 Aug 2024</li> </ul>

**Notes:**

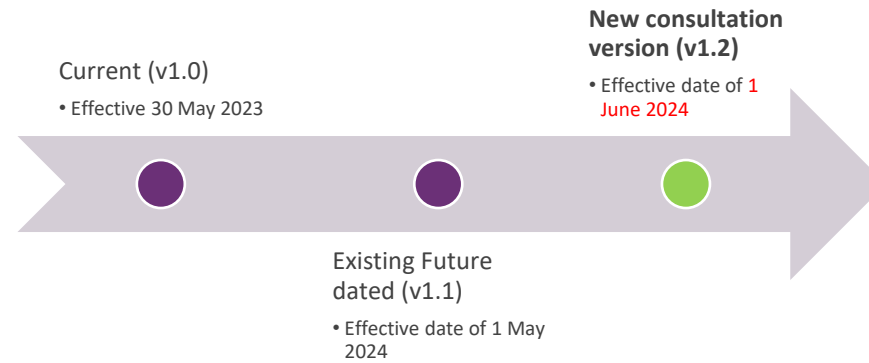
- Procedure version numbering supporting each scenario should be read independently i.e. the scenarios do not build on each other
- Participants must be mindful that future dated versions may not include all their future obligations i.e. multiple procedure versions may need to be considered in understanding all changes

# Scenario Illustration

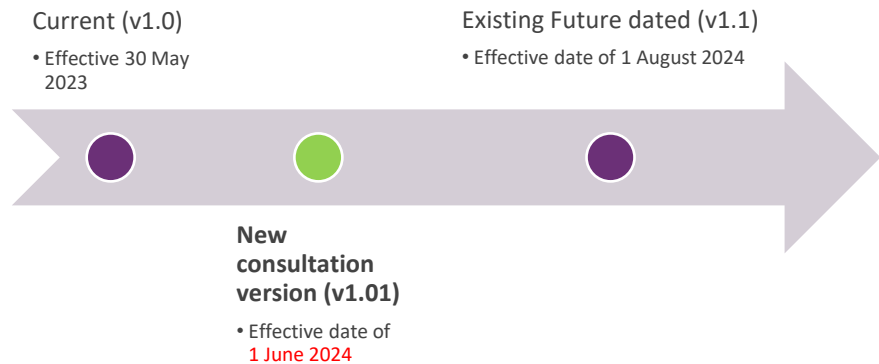
## Scenario 1 - No future effective dated Procedure



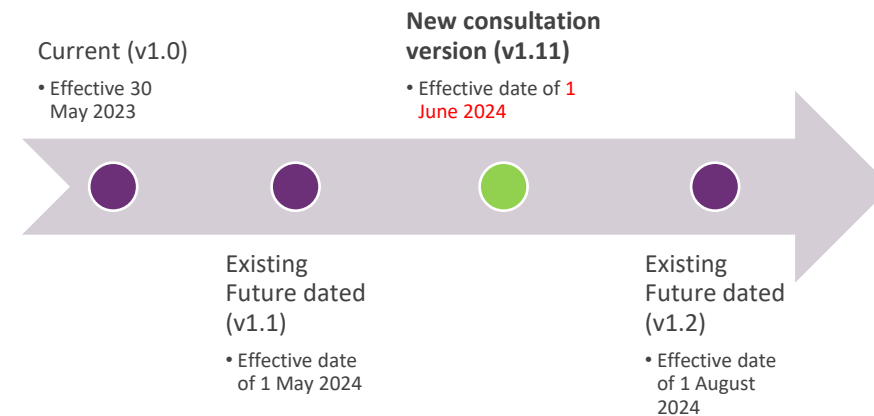
## Scenario 2 - Future effective dated Procedure version with PRIOR effective date



## Scenario 3 - Future effective dated Procedure version with POST effective date



## Scenario 4 - Future effective dated Procedure versions with PRIOR and POST effective date



# Notes

- Blaine Miner (AEMO) spoke to the procedure version numbering slides noting:
  - AEMO's current position is that version numbering should always be sequential as it relates to effective dates
  - The consequence of following each identified approaches
  - No approach eliminates the potential for consolidations of versions being required
  - AEMO typically commences its consolidation processes 4-6wks prior to an applicable effective date
- Helen Vassos (PLUS ES) noted it would be beneficial if AEMO used different change mark colours for each version when consolidating versions
  - AEMO have tried to implement this with little success, as AEMO's internal and Legal reviews typically results in numerous authors, however AEMO continue to explore potential options
- **ACTIONS:**
  - AEMO to discuss with Danny McGowen (AEMO Gas Retail) how comments are used on gas procedure change marking
  - ERCF members to provide feedback on preferred versioning approaches



# AEMO Webpage Updates

- A new procedure version is produced as part of a consultation's Draft Determination
  - A new row is added to the Retail Electricity Market Procedures (REMP) Version History Table spreadsheet labelled 'Under Consultation'
  - The new version of the Retail Electricity Market Procedures (REMP) Version History Table spreadsheet is published to replace the existing version of the spreadsheet on the 'Retail and Metering' webpage
- A new procedure version is produced as part of a consultation's Final Determination
  - The new Procedure version is published under the 'Future effected dated version' heading on the applicable AEMO webpage e.g. Retail & Metering
  - The existing Retail Electricity Market Procedures (REMP) Version History Table spreadsheet row is updated from 'Under Consultation' to 'Future Effective Dated'
  - The new version of the Retail Electricity Market Procedures (REMP) Version History Table spreadsheet is published to replace the existing version of the spreadsheet on the 'Retail and Metering' webpage
- AEMO's Consolidation process
  - As we approach the effective date of a future effective dated Procedure(s), AEMO will need to determine if a consolidation process is required.
  - A consolidation process is required when:
    - Multiple future effective dated versions exist with the same effective date
    - The upcoming effective dated version does not include all required obligations
  - If a consolidation is required, you must use the current procedure version as the base version and then change mark the current version with all the changes contained within the applicable future effective dated procedures.



# AEMO Webpage Updates



- When the effective date of a ‘future effective dated’ Procedure has occurred, AEMO will perform the following actions as soon as practicable:
  - Procedure webpage updates:
    - The ‘future effective dated’ Procedure is moved under the 'Current version' heading on the applicable AEMO webpage
    - The existing ‘Current version’ Procedure is moved to the ‘Previous version' heading on the applicable AEMO webpage
- Retail Electricity Market Procedures (REMP) Version History Table spreadsheet updates:
  - The status of the ‘future effective dated’ Procedure is updated to ‘Current’
  - The status of the existing ‘Current version’ Procedure is updated to ‘Previous’
  - A new version of the Retail Electricity Market Procedures (REMP) Version History Table spreadsheet is published to the ‘Retail and Metering’ webpage

## Consumer Administration and Transfer Solution (CATS) and Wholesale, Interconnector, Generator and Sample (WIGS) Procedures



The CATS and WIGS procedures apply to registered participants in accordance with the National Electricity Rules (the Rules). They form part of the MSATS procedures mentioned in the Rules clause 7.2.8. The CATS procedures are applicable to NMI (National Metering Identifier) small and large classifications, and the WIGS procedures are applicable to NMI classifications wholesale, interconnector, generator, and sample.



### Current version: Effective from 30 May 2023

30/05/2023 **MSATS Procedures - WIGS v5.51 (Clean)** 1.59 MB    
Effective 30 May 2023

30/05/2023 **MSATS Procedures - CATS v5.51 (clean)** 2.57 MB    
Effective 30 May 2023

### Future effected dated version

19/05/2023 **MSATS Procedures - CATS v5.6 (clean)** 2.65 MB    
Effective 01 November 2023

19/05/2023 **MSATS Procedures - WIGS v5.6 (Clean)** 1.55 MB    
Effective 01 November 2023

Previous versions



# Version History Table Statuses

- Existing procedure statuses in the Version History Table
  - 'Current': The current version of the procedure
  - 'Previous': A version which previously was a 'Current' version but has now been superseded
  - 'Future Effective Dated': A version which has been consulted on whose effective date is in the future
  - 'Under Consultation': A version which is currently under consultation i.e. a Final Determination has not been published yet
  - 'Consolidated': A version which was consolidated with another version prior to its effective date
  - 'Superseded prior to effective date': A version which was superseded prior to its effective date
- Link to the current Retail Electricity Market Procedures Version History Table
  - [https://aemo.com.au/-/media/files/electricity/nem/retail\\_and\\_metering/metering-procedures/2023/retail-electricity-market-procedures-version-history-table.xlsx?la=en](https://aemo.com.au/-/media/files/electricity/nem/retail_and_metering/metering-procedures/2023/retail-electricity-market-procedures-version-history-table.xlsx?la=en)

Procedure Name	Version	Version Status	Effective Date	Summary of Changes	Consultation Name	Consultation Link
Consumer Administration and Transfer Solution (CATS) Procedures	5.7	Under Consultation	02-June-2024	Updated to incorporate National Electricity Amendment (Integrating energy storage systems in the NEM) Rule 2021	Integrating Energy Storage Systems into the NEM: Retail Electricity Market Procedures consultation	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/integrating-energy-storage-systems-into-the-nem-retail-electricity-market-procedures-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/integrating-energy-storage-systems-into-the-nem-retail-electricity-market-procedures-consultation</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.61	Under Consultation	01-November-2023	Reference to jurisdictional regulation for table 4-F of the Customer Threshold Codes. <b>Note: where 2 or more consulted on versions exist for a Procedure, with the same effective date, a new consolidated version of the procedure will be produced by AEMO closer to the applicable Effective Date.</b>	Integrating Energy Storage Systems into the NEM: Retail Electricity Market Procedures consultation	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/integrating-energy-storage-systems-into-the-nem-retail-electricity-market-procedures-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/integrating-energy-storage-systems-into-the-nem-retail-electricity-market-procedures-consultation</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.6	Future Effective Dated	01-November-2023	Consumer Data Right (CDR) Minor Amendment Process - Deferral of LastConsumerChangeDatefield obligations from 30 May 2023 to 1 Nov 2023 <b>Note: where 2 or more consulted on versions exist for a Procedure, with the same effective date, a new consolidated version of the procedure will be produced by AEMO closer to the applicable Effective Date.</b>	Consumer Data Rights (CDR) MSATS Minor Amendment Proposal	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-cdr-msats-minor-amendment-proposal">https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-cdr-msats-minor-amendment-proposal</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.51	Current	30-May-2023	Consolidation of 30 May 2023 effective dated consultation changes (v5.4 and v5.5)		
Consumer Administration and Transfer Solution (CATS) Procedures	5.5	Consolidated	30-May-2023	Updated as part of the Load Profiling Methodologies Consultation to include: -ICF_055 Clarifying the process for obtaining and applying embedded network codes -ICF_064 Addition of the 'HouseNumberToSuffix' field	Load Profiling Methodologies Consultation	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/load-profiling-methodologies-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/load-profiling-methodologies-consultation</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.41	Consolidated	30-May-2023	The removal of the Consumer Data Right (CDR) changes of "Last Consumer Change Date" from the 30 May 2023 MSATS changes	Consumer Data Rights (CDR) MSATS Minor Amendment Proposal	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-cdr-msats-minor-amendment-proposal">https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-cdr-msats-minor-amendment-proposal</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.4	Superseded prior to effective date	30-May-2023	Consumer Data Right (CDR) - Inclusion of LastConsumerChangeDatefield	Consumer Data Rights MSATS Consultation	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-msats-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-msats-consultation</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.31	Previous	07-November-2022	Updated to include minor amendments required for MSDR and included as part of the CDR consultation	Consumer Data Rights MSATS Consultation	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-msats-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-msats-consultation</a>
Consumer Administration and Transfer Solution (CATS) Procedures	5.3	Consolidated	07-November-2022	Consolidation of v5.1 and 5.2	Retail Electricity Market Procedures October 2021 Consultation	<a href="https://aemo.com.au/consultations/current-and-closed-consultations/b2m-october-2021">https://aemo.com.au/consultations/current-and-closed-consultations/b2m-october-2021</a>

# Notes

- Blaine Miner (AEMO) spoke to the AEMO webpage updates slides highlighting:
  - How AEMO's webpages are updated during an AEMO consultation process and as at a Procedure versions' effective date
  - The potential value of the REMP Version History table to stakeholders in being able to easily identify and understand the context of various changes associated to Procedure versions
- Sagar Shah (Hansen) suggested that a notification should be sent to ERCF members when a new version of the REMP Version History table is published
- **ACTION:**
  - AEMO to consider if a notification should be sent to ERCF members as new versions are published to AEMO's website



# ICF Register

Blaine Miner (AEMO)

# ICF Register Update

(New)

- Title
  - Magnitude of generation and consumption at a NMI MSATS fields
- Issue:
  - Participants cannot easily identify and determine the magnitude of export/consumption and import/generation as part of their onboarding processes. This issue has resulted in customer's being offered incorrect products resulting in poor customer and retailer outcomes.
- Current impact
  - Incorrect products being offered to customers.
    - The impact of this lack of visibility delays and impedes the correct management of customers, impacting the customer process and creates additional workload on both the retailer and the customer.
    - With the rise in solar and battery penetration, the frequency and consequence of this issue is expected to grow.
- Proposal
  - This ICF proposes that two new fields are created in MSATS at the NMI level, and included in NMI Discovery, proposed to be called:
    - Average daily consumption (ADC)
    - Average daily sent out (ADSO)
  - Proposed terminology aligns to the IESS Rule NER 3.15.4
- Potential high-level methodology
  - AEMO would calculate the two quantities every 3mths based on the metering data for the previous 3 months, normalized to a daily amount in kWh
  - Question: What frequency/triggers do members believe these values should be updated on?

# 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. AEMO following up internally on potential Implementation timings.
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	To be included in the July 2023 B2M 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	Yes	On hold, pending discussions at the B2B WG
Reviewing and updating file examples in the MDFF Specification document.	The MDFF document includes example files. Some of these files have not been updated to incorporate changes in the industry including 5MS and Global Settlements. AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.	AEMO	067	No	Consultation timings TBD
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	To be included in the July 2023 B2M consultation.
Metrology Part A – Summation Metering Changes	The proposal is to update clause 5 of Metrology Part A to clarify what is acceptable to support legacy summation metering arrangements and what will be acceptable going forward for new metering installation summation arrangements. The revised clause 5 proposed to allow three types of summation arrangements, which are: <ol style="list-style-type: none"> <li>1. HV breaker-and-a-half schemes</li> <li>2. HV single transformer fed by multiple parallel cables</li> <li>3. Cross boundary supply single transformer with multiple LV Circuits</li> </ol>	Dominik Ziomek (AEMO)	073	No	To be included in the July 2023 B2M consultation.

# ICF Register Update

## (Pending)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
Update to allow MDPs to receive REJ notifications on CRs 5050 & 5051	<p>Defect was raised by PlusES during 30 May 2023 testing. Issue is the MDP was not receiving the REJ so they would have an open CR in their database as they haven't received a final status for the CR.</p> <p>Proposal: Update MSATS to allow a REJ and CAN to be sent to the MDP, update CATS and WIGS Procedures to reflect the same.</p> <p>Upon review of these notifications in the CATS Procedures it was discovered that the Procedure didn't reflect what MSATS was doing. LNSPs were receiving the REJ but the CATS Procedures did not reflect this. WIGS Procedures did reflect this and will only be updated with the MDP receiving the REJ and CAN.</p>	Jackie Krizmanic (AEMO)	074	No	Targeting to formally commence the Minor Amendment process in mid-Aug
Updated wording re CATS LCCD Current FRMP Obligations	<p>Telstra Energy propose updates to the CATS Procedure Current FRMP LCCD Obligations in Section 2.2 in order to make it clear when (and by whom) the LCCD field should be updated.</p> <p>The Current FRMP must:</p> <ul style="list-style-type: none"> <li>(u) Populate or update the Last Consumer Change Date (LCCD) for a premises within 5 business days of:               <ul style="list-style-type: none"> <li>iii. becoming aware an account holder has started or ended at a premises or;</li> <li>iv. becoming aware the value in MSATS is populated and is incorrect or;</li> <li>v. becoming aware the LCCD field has not been correctly updated following processing of a CR1030/1040 resulting in generation of a 'Completed' CATS Notification</li> </ul> </li> </ul>	Chris Murphy (Telstra)	075	No	Targeting to formally commence the Minor Amendment process in mid-Aug



# 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	<ul style="list-style-type: none"> <li>Exploring potential options re the progression of NEM Participants being able to easily and accurately identify a customer's non-registered or non-classified generation capabilities</li> </ul>
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	<ul style="list-style-type: none"> <li>This ICF seeks to align the MSATS fields to the current schema (and the Australian Address Standards), therefore, no schema change is required</li> </ul>

# 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	New methodology effective from 1 October 2023.
New fields in MSATS defined by a naming convention that does not align with the procedural field name.	With the introduction of new fields into MSATS as part of the MSDR it has become known that AEMO may create the new fields in MSATS defined by a naming convention that does not align with the procedural field name. The AEMO defined the field name may be based on their database name and participants are then required to create a mapping table within their systems to associate this name with the procedural field name that is defined in the Standing Data for MSATS document.	Adrian Honey (TasNetworks)	069	New C1 'TF_DATA_ELEMENT_MAPPING' report expected to be implemented between 30 May and Nov 2023

# Notes

- Mark Riley (AGL) spoke to a new proposed ICF (ICF\_076) 'Magnitude of generation and consumption at a NMI'
- Blaine Miner (AEMO) spoke to the remaining ICF Register slides
- **ACTION:**
  - AEMO to circulate ICF\_076 to the ERCF members
  - ERCF members to provide feedback regarding ICF\_076



# Items of Interest

Blaine Miner and Kate Gordon (AEMO)

# Items of Interest

Category	Title	Description/Objective	Comments/Links
Initiative	Participant Certificate Management Solution	To allow Participants to self-manage their AEMO related Transport Layer Security (TLS) certificates through an API, so that Participants can choose to automate the management of their TLS certificates.	<ul style="list-style-type: none"> <li>A critical part of the process is for their PA to subscribe to the TLS_Certificate_Notification "queue" in publishing direct to ensure they receive notifications of impending certificate expiry dates</li> <li><a href="mailto:CertificateReplacement@aemo.com.au">CertificateReplacement@aemo.com.au</a></li> </ul>
	NEM Reform Implementation Roadmap	Version 2 of the Roadmap re-baselines the plan for implementation of reform in the energy market by accounting for key changes originating from continued policy development in DER and Data Strategy, scope changes to the Capacity Mechanism as well as Transmission Access Reform.	NEM Reform Implementation Roadmap v2 Published <a href="https://aemo.com.au/-/media/files/initiatives/regulatory-implementation-roadmap/reform-update-v2/nem-reform-implementation-roadmap-v2.xlsx?la=en">https://aemo.com.au/-/media/files/initiatives/regulatory-implementation-roadmap/reform-update-v2/nem-reform-implementation-roadmap-v2.xlsx?la=en</a>
	Information Data Exchange (IDX)	To enable 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	Next steps - 'Transition Strategy' sessions scheduled for July
	Identity and Access Mgt (IDAM)	To establish a unified mechanism to authenticate participant users and applications when accessing AEMO services.	Next steps - 'Transition Strategy' sessions scheduled for July
	Portal Consolidation (PC)	To create a 'single pane of glass' user experience for participants accessing all AEMO browser based services	Next steps - 'Transition Strategy' sessions scheduled for July
	ESB Billing Transparency	To support better consumer protections and understanding of consumer needs in the market transition.	<a href="https://esb-post2025-market-design.aemc.gov.au/data-strategy">https://esb-post2025-market-design.aemc.gov.au/data-strategy</a>
	Changes to Retailer Of Last Resort (RoLR) Procedures (B2M and Gas)	Seeking to identify and implement improvements to the existing B2M and Gas RoLR related activities/processes.	AEMO scope being finalised.
	Unlocking Consumer Energy Resources (CER) Benefits through Flexible Trading	Rule change request that aims to unlock consumer energy resources (CER) benefits through flexible trading arrangements.	<a href="https://www.aemc.gov.au/rule-changes/unlocking-CER-benefits-through-flexible-trading">https://www.aemc.gov.au/rule-changes/unlocking-CER-benefits-through-flexible-trading</a>
	Review of the regulatory framework for metering services	Seeking to identify options to accelerate the deployment of smart meters in the National Electricity Market (NEM).	<ul style="list-style-type: none"> <li>Final report expected to be published late August/September</li> <li>Other indicative timings: <ul style="list-style-type: none"> <li>Final Rules Q3 2024</li> <li>Rule implementation mid to late 2025</li> </ul> </li> </ul> <a href="https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services">https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services</a>
AEMO Retail Releases	October to November 2023	Expected to support Retail & Metering items such as: the Five-minute Load Profiling (5MLP) Methodology changes and the Metering Installation Exemption Automation	AEMO development and testing in progress.

# Items of Interest

Category	Title	Description	Comments
Consultations	Business to Business (B2B) NEM RoLR Changes	<ul style="list-style-type: none"> <li>The changes (Changes) which are proposed (Proposal) are intended to: <ul style="list-style-type: none"> <li>Enhance the Retailer of Last Resort (RoLR) B2B Customer Details Report provided by the failed/suspended retailers to the RoLR.</li> <li>Correct identified errors in the Procedure.</li> <li>Address gaps in obligations on the treatment of inflight work requests where the work is being undertaken by a non-LNSP service provider.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Final Determination due 18 September 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/business-to-business-nem-rolr-changes">https://aemo.com.au/consultations/current-and-closed-consultations/business-to-business-nem-rolr-changes</a></li> </ul>
	Integrated Energy Storage Systems (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"> <li>ICF_059 – NMI Classification Code Recommendations</li> <li>ICF_070 - Increase 'Building Name' Field Length in MSATS</li> </ul>	<ul style="list-style-type: none"> <li>Final Determination due 18 September 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/integrating-energy-storage-systems-into-the-nem-retail-electricity-market-procedures-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/integrating-energy-storage-systems-into-the-nem-retail-electricity-market-procedures-consultation</a></li> </ul>
	Metering Installation Exemption Automation	Update or remove content from the Metering Exemptions Procedures to account for the new exemption automation	<ul style="list-style-type: none"> <li>Final Determination due 21 August 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/metering-installation-exemption-automation-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/metering-installation-exemption-automation-consultation</a></li> </ul>
	New Minor Amendment Process	<p>To consult on minor changes associated to:</p> <ul style="list-style-type: none"> <li>ICF_074 - Update to allow MDPs to receive REJ notifications on CRs 5050 &amp; 5051</li> <li>ICF_075 - Updated wording re CATS LCCD Current FRMP Obligations</li> </ul>	<ul style="list-style-type: none"> <li>Exact timings TBD</li> </ul>
	July B2M Consultation	<p>ICF inclusions:</p> <ul style="list-style-type: none"> <li>ICF_054 - Substitution Type Review (Met Part B)</li> <li>ICF_072 - New NSLP Longer-term Methodology (Met Part B and MDM)</li> <li>ICF_073 - Updates to clause 5 of Metrology Part A to clarify what is acceptable to support legacy summation metering arrangements and what will be acceptable going forward for new metering installation summation arrangements. (Met Part A)</li> </ul>	<ul style="list-style-type: none"> <li>Consultation expected to commence late July 2023</li> </ul>
	Procedure Consolidation	<ul style="list-style-type: none"> <li>1 Oct 2023 <ul style="list-style-type: none"> <li>Consolidation of MDM Procedure (Load Profiling and SAPS Minor Amendment)</li> </ul> </li> <li>1 Nov 2023 <ul style="list-style-type: none"> <li>Consolidation of CATS Procedure (CDR Minor Amendment, IESS, New Minor Amendment process)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Impacted Procedures TBD as we near the respective Effective Dates</li> </ul>

# Notes

- Blaine Miner (AEMO) spoke to the Items of Interest slides



# General Business and Next Steps

Blaine Miner (AEMO)



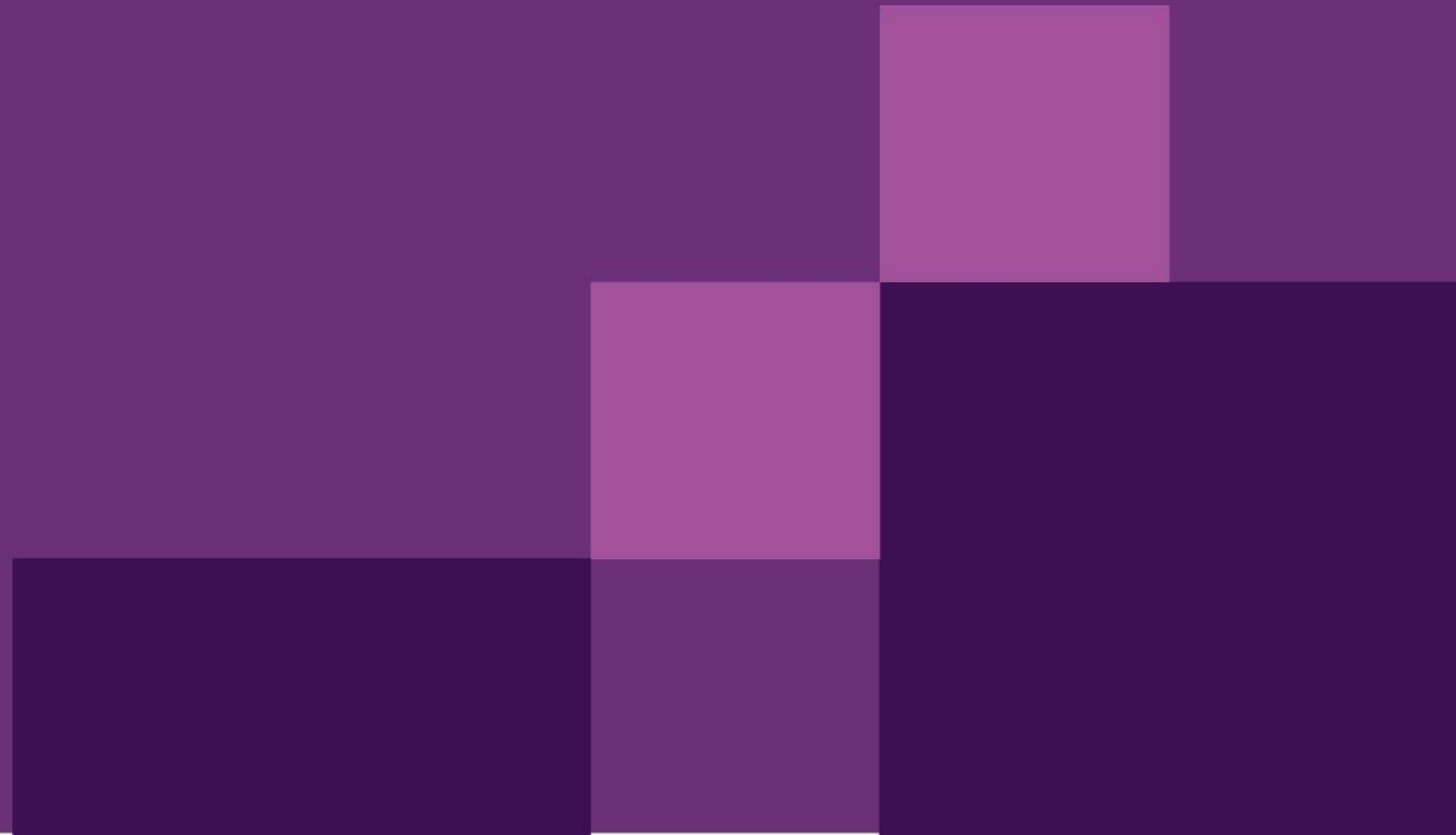
# General Business & Next Steps

- Are there any other general business items members wish to raise?
- Actions and notes to be circulated asap
- Next meeting scheduled for Monday 28 August 2023
  - Please send through any proposed agenda items, questions or suggested meeting improvements to [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au)

# Notes

- No general business was raised

# Appendix



# Completed Consultations

Consultation	Short Description	Current Status/Update
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"> <li>New procedure effective from 1 March 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/ufe-reporting-guidelines-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/ufe-reporting-guidelines-consultation</a></li> </ul>
Load Profiling (ICF_060)	<p>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. 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"> <li>ICF_055 - Embedded Network Codes</li> <li>ICF_064 - ‘HouseNumberToSuffix’ field</li> <li>ICF_065 - Removal of NMI Discovery Type 3 limitations</li> </ul>	<ul style="list-style-type: none"> <li>New 5MLP methodology to become effective from 1 October 2023</li> <li>ICFs_055, 64 and 65 effective from 30 May 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/load-profiling-methodologies-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/load-profiling-methodologies-consultation</a></li> </ul>
Standing Data for MSATS enumerations v5.35	Inclusion of additional CT and VT enumerations	<ul style="list-style-type: none"> <li>New procedure effective from 17 April 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/standing-data-for-msats-procedure-open-for-comment">https://aemo.com.au/consultations/current-and-closed-consultations/standing-data-for-msats-procedure-open-for-comment</a></li> </ul>
Consumer Data Right (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"> <li>LCCD obligations to become effective from 1 November 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-cdr-msats-minor-amendment-proposal">https://aemo.com.au/consultations/current-and-closed-consultations/consumer-data-rights-cdr-msats-minor-amendment-proposal</a></li> </ul>
Stand-alone Power Systems (SAPS) Error Corrections and Clarifications	Amendments to various procedures, including MDM procedures, MP SLP and MDP SLP	<ul style="list-style-type: none"> <li>Final Determination published 26 May 2023 with an effective date of 30 May 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/saps-retail-procedures-error-corrections-and-clarifications">https://aemo.com.au/consultations/current-and-closed-consultations/saps-retail-procedures-error-corrections-and-clarifications</a></li> </ul>
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"> <li>Final Determination published 29 May 2023 with an effective date of 30 May 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/may-2023-consolidation-process">https://aemo.com.au/consultations/current-and-closed-consultations/may-2023-consolidation-process</a></li> </ul>

# ERCF ICF Future Release Summary

ICF ID	Description	AEMO Impact	Scheduled Release Date
060	New 5MLP Longer-term methodology	<ul style="list-style-type: none"><li>• Procedure &amp; System change</li></ul>	<ul style="list-style-type: none"><li>• 1 October 2023</li></ul>
069	New fields in MSATS defined by a naming convention that does not align with the procedural field name.	<ul style="list-style-type: none"><li>• System change</li></ul>	<ul style="list-style-type: none"><li>• TBC - between 30 May and Nov 2023</li></ul>



For more information visit

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