

# ERCF Meeting #2

## NOTES

23 February 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. 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](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
3. May 2023 AEMO System Release
4. ICF\_059 – NMI Classification Review
5. ICF Register
6. Subgroups
7. Consultations
8. What's Coming?
9. General Business and Next Steps

# Notes

- Blaine Miner (AEMO) welcomed the members and spoke to the proposed agenda
- Blaine emphasised that:
  - Treating members with respect was non-negotiable, both on the call and in the chat
  - This forum is in place for the benefits of members and for members to please take advantage of this opportunity by putting forward your thoughts, questions or concerns



# Consumer Data Right

Blaine Miner (AEMO)

# Consumer Data Right

- Information session

- AEMO will be holding an information session on 2 March 2023 for 'Larger retailers' to assist with any questions regarding CDR for tranche 3 and tranche 4

- This information session should be attended by each larger retailers technical team in conjunction with AEMOs technical CDR team to discuss any issues or questions
- 'Smaller retailers' can attend if they are considering to participate in CDR
- Invitation has been sent out via the ERCF CRM list

- LCCD edge case risk update

- AEMO has been asked by a sub set of industry to further consider the potential implications associated to the edge case risk raised at the last ERCF meeting associated to the incorrect maintenance of the LCCD field
  - AEMO is awaiting further analysis from the proponents regarding the likelihood and consequence of this risk
  - AEMO is considering potential options should the risk be deemed material

# Notes

- Justin Stute (AEMO) spoke to, and provided additional context to, the CDR slide
- Blaine Miner (AEMO) mentioned that AEMO has been considering what actions would be required should the edge case risk be found to be material e.g. consultation approach (Minor amendment, etc.)



# May 2023 AEMO System Release

Blaine Miner (AEMO)

# aseXML r43 Changes

- CR72 schema change was presented to the aseXML Standards Working Group (ASWG).
- CR72 proposes a new iteration of aseXML r43 containing NEM B2B and B2M changes.
- ASWG Approved:

Function	Initiative	Schema Requirement
B2M	MSDR	New aseXML schema elements to support the reporting via the C1 report to Industry of MSDR introduced enumerations configured in the following MSATS Codes tables: <ul style="list-style-type: none"> <li>• MSATS_CODE_GROUPS</li> <li>• MSATS_CODES</li> <li>• MSATS_CODES_DATED</li> <li>• MSATS_CODE_COMBOS</li> </ul>
	CDR Phase 2	New aseXML schema element to support the CATS NMI Standing Data column 'Last Consumer Change Date': <ul style="list-style-type: none"> <li>• Addition of a new Change request that would include the column 'Last Consumer Change Date' to be maintained against the CATS NMI Data table within MSATS.</li> <li>• This field would be maintained by retailers when the consumer for an NMI changes, e.g. move-ins and used by AEMO to verify meter data requests for CDR.</li> <li>• The field can also be updated ad hoc where the retailer has verified the consumer's start date.</li> </ul>
	SAPS	C1 reporting of MDM table Node Hierarchy to display the new Settlement Indicator column. New RM51 – Regulated SAPS Generator Reconciliation report New aseXML schema element to support reporting via C1 of the SAPS added 'Role Category' column added to the CATS_PARTICIPANT_ROLES table.
B2B	B2Bv3.8	Creation of a new OWN Shared Fuse One Way Notification transaction type, supporting enumerated values.

- ASWG Rejected:

Function	Initiative	Schema Requirement
B2B	B2Bv3.7	Updates to the PersonName attribute to reflect the optionality of the following elements: <ul style="list-style-type: none"> <li>• PersonNameTitle</li> <li>• PersonNameGiven</li> </ul>

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

# B2B

## Scope

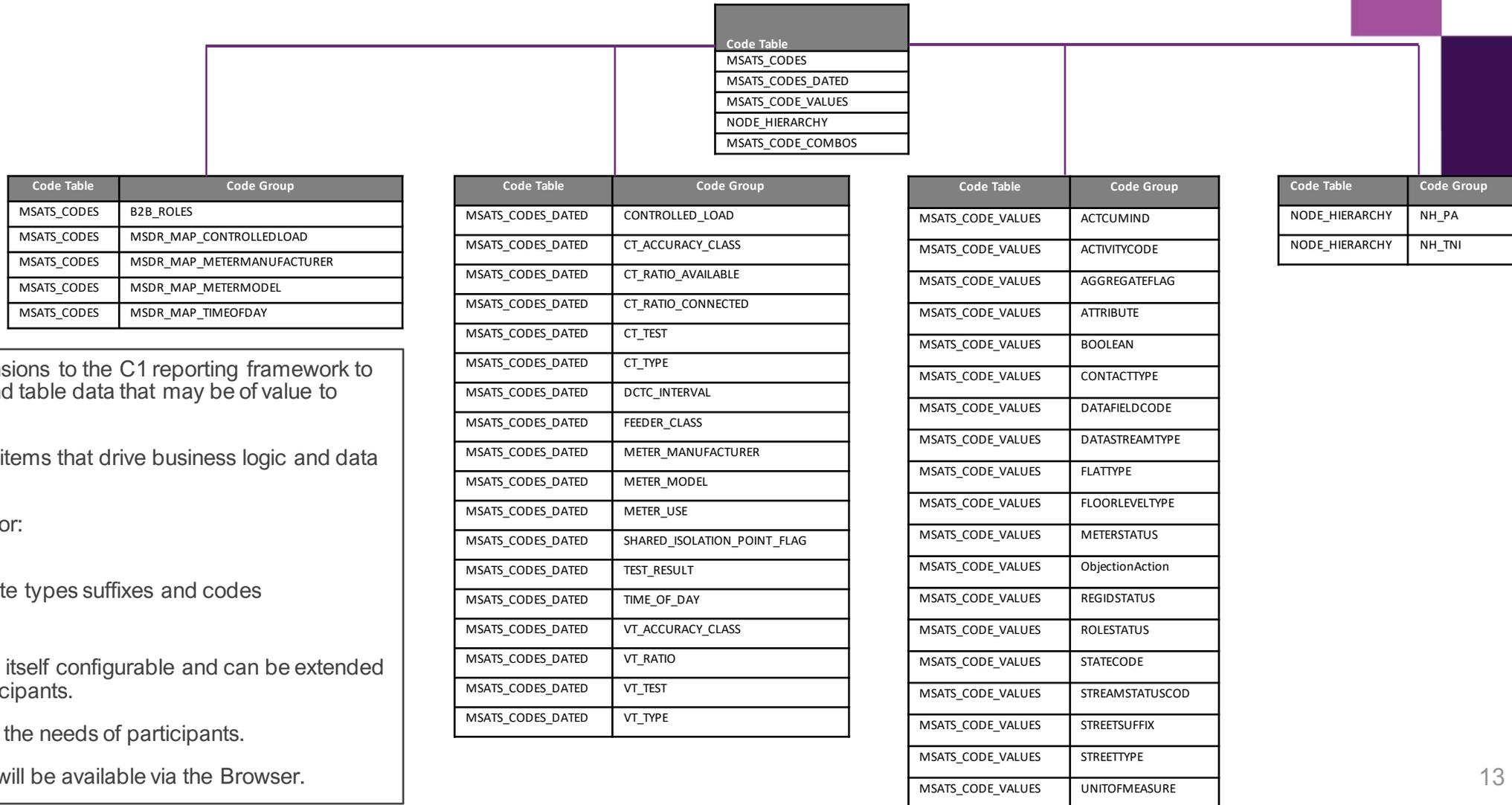
- Definition of the new OWNX SharedFuseNotification transaction as a supported B2B transaction message exchangeable between registered B2B Participants.
- SMP eHub implemented OWNX SharedFuseNotification message validations.
- Transaction Logging to support SharedFuseNotification transactions.
- Extension of the following B2B Browser functions to support SharedFuseNotifications:
  - Create Transaction
  - Upload File
  - Inbox and outbox management (B2B Inbox/Outbox/Hub Queue)
  - B2B Message Archiving
  - Transaction Logging
  - B2B Responder (Create/Search/Paste)
  - Protocols and Transforms
- Updates to the B2B Validation Module and Matrix to support Participant implementations of SharedFuseNotifications.
- B2B Message Exchange through the SMP eHub of the SharedFuseNotifications. This includes the appropriate business signals and documents exchange across the existing protocols (FTP, API Push Async, API Push Sync, API Pull) and Initiator/Recipient interoperability.

# B2M

## Scope

- Updates to the CR5000 series 'Maintain NMI' change request logic account of the ending of the MCPI Compliance Holiday.
- ICF064 Addition of 'House Number To Suffix' to Australian Address:
  - Addition of HouseNumberToSuffix as an NMI Standing Data item.
  - Mappings of aseXML to CND and transforms.
  - Updates to the CR2000 and CR5000 series change request logic to include HouseNumberToSuffix.
  - The new NMI Standing Data item, HouseNumberToSuffix, is used for NMI Discovery Search 2.
  - Updates to the MSATS Browser to support the submission and viewing of HouseNumberToSuffix.
  - Ability to view HouseNumberToSuffix using the following services:
    - NMI Discovery
    - CATS Reports (C1, C4, C7)
    - MSATS Snapshot Report
  - Updates to the Bulk Data Tool (BDT) to include HouseNumberToSuffix
  - Updates to the Blind Update Tool (BUT) to include HouseNumberToSuffix
  - Propagation of 2D and Blind updates of HouseNumberToSuffix to downstream consumers of standing data by AEMOs Extract, Transform, and Load (ETL) platform.
- ICF065 Extension of the current 130 business day limitation on NIMI Discovery Type 3 requests made via FTP, Legacy MSATS Web Services, API, and the MSATS Browser.
- ICF032 Updates to the existing DLFERR\_CHILD and TNIERR\_CHILD PMS reports to include the Parent DLF and TNI of each child NMI.
- ICF047 Update CR3101 validations to allow LNSPs to update the Network Tariff Code (NTC) on a Greenfield NMI.
- Extension of the C1 reporting framework to publish reporting groups and table data for:
  - MSATS\_CODE\_GROUPS
  - MSATS\_CODES
  - MSATS\_CODES\_DATED
  - MSATS\_CODE\_COMBOS
  - NODE\_HIERARCHY
  - Role Category on CATS\_PARTICIPANT\_ROLES

# B2M – Extension to C1



- MSATS 49.0 includes extensions to the C1 reporting framework to publish reporting groups and table data that may be of value to participants.
- These are the configurable items that drive business logic and data groupings.
- Data includes values used for:
  - CR validations
  - Flat/Floor/Street/State types suffixes and codes
  - UOMs
- What data gets published is itself configurable and can be extended based on the needs of participants.
- New lists can be added per the needs of participants.
- New reportable items data will be available via the Browser.

# Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the May 2023 AEMO System Release slides
- Blaine mentioned that these slides had been previously shared with stakeholders at the recent AEMO May 2023 Release session
- Blaine confirmed that the aseXML schema supports both the Electricity and Gas markets
- In response to a member's question, LNSPs confirmed that 'HouseNumberToSuffix' values will be updated via CR only and will be small in volume
  - Members requested, that if possible, for LNSPs to send through some 'HouseNumberToSuffix' updates asap after go-live to confirm recipient processes



# ICF\_059 – NMI Classification Review

Mark Riley (AGL) & Chris Murphy (Telstra)

# ICF\_059 – NMI Classification Review

- Issue:
  - NEM Participants are unable to easily and accurately identify a customer's non-registered or non-classified generation capabilities in the CATS system/procedures
    - Additional context re subgroup recommendations (refer to the appendix for recommendation details)
- Question asked:
  - What other options did the subgroup consider and why did it recommend the changes presented last month?
- Response:
  - Some of the other options included:
    - The creation of an additional CATS field for explicitly describing generation assets
    - Expanding participant access to the DER register.
  - Whilst there are benefits associated to both of the above options, significant disadvantages were also identified e.g. the creation of an additional CATS field has the potential to create significant cost across many market participants, some of whom would see no benefit from this additional data.
  - Similarly, whilst providing access to the DER register would certainly provide relevant generation information, the DER register does not hold information in a readily accessible nor standard format and the process of updating the DER register and the ability to identify DER updates was also a concern.
    - The NCC Subgroup does believe that greater consistency and sharing of DER register information would be of benefit in time, however, this approach is likely to require significant exploration to ensure that the solution can be implemented effectively to support all expected future market innovation. i.e., such a change would require far more analysis and consultation than the current ICF.
  - The NCC Subgroup recommendations are based on the view that it not the NCC Subgroups role to entirely redesign the energy market but rather, address current known concerns with minimal change whilst laying out the foundations for future changes as the market develops. The NCC Subgroup felt that the recommendations presented best addressed the issue which led to the ICF being raised. That is, the identification of retail consumers with significant generation so that Retailers can promptly and accurately provide quotes for intending and current consumers.
  - The NCC Subgroup consider the recommendations are a step towards greater support for a two-way market without imposing significant burdens on any market participants but simultaneously enabling Retailers to appropriately support consumers.

# Notes

- Mark Riley (AGL) & Chris Murphy (Telstra) spoke to, and provided additional context to, the ICF\_059 – NMI Classification Review slide
- In response to member comments/questions:
  - Mark Riley stated that the subgroup recommended, what it believed to be, the most cost effective and pragmatic option
  - Chris Murphy stated that the recommendations were considered a 'good first step' in addressing the issues identified
  - Mark & Chris appreciated member feedback re issues in 'unwinding' the Residential aspect of the NCCs e.g. potential impact on Participant systems
  - Mark clarified that information supporting customer onboarding must be easily accessible and reliable to ensure the correct products are offered to customers
  - Blaine stated that while a business case or impact statement would be preferable, it is typically not possible nor provided in ICF related consultations
  - Blaine confirmed that the proposed effective date of the recommended changes would align to the new NCCs supporting IESS, June 2024
  - Blaine agreed that we should ensure that any proposed changes do not conflict with any of the key regulatory instruments e.g. NER, NERR, etc.
  - Blaine stated that he believed that the issue was valid and will be included in the IESS March 2023 consultation
  - AEMO did not have a preferred solution to the issues specified
  - AEMO confirmed that the Issues Paper would focus on the issues, including relevant context based on the subgroup's analysis, and would seek stakeholder feedback regarding the issues and the preferred solutions
  - Blaine stated that the subgroup's recommendations stimulated a lot of discussion and thought within AEMO, which has been very much appreciated
  - Blaine confirmed that changed marked documents would not be included in the initial consultation, they would only be included in the Draft Determination where a preferred solution be identified
  - Blaine confirmed that the IESS consultation would be a Standard consultation i.e. initial consultation, Draft Determination then Final Determination
  - Blaine confirmed that the ERCF is not a decision-making forum, AEMO ultimately has a responsibility to formally consult on Industry issues regardless of varying views
  - Chris thanked members for their feedback
  - Chris requested members to send through any details describing a better solution to [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au)
- More broadly, Blaine requested members to:
  - Provide feedback asap in the future regarding subgroup recommendations, to avoid any unnecessary delays
  - Participate in subgroups as much as possible to ensure the highest level of involvement and understanding
  - Appreciate and respect the efforts of subgroup members who have volunteered their time to help the ERCF and Industry consider issues in more detail
- Action:
  - Blaine to circulate additional subgroup content supporting their deliberations and recommendations
  - ERCF members to send through preferred solution to IVF\_059 to [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au)



# ICF Register

Blaine Miner (AEMO)

# ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
ADWNAN Reporting changes	Assignment of Interval ADWNANs to MDP in AEMO Performance Reports	Jane Hutson, EQ	017	Implementation delayed due to an identified impact to AEMO's MDM. Implementation date TBD.
Child NMI standing data quality - TNI and DLF	<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	Helen Vassos to provide information at the meeting re next steps for this ICF
Substitution Type Review	The review requires consideration for new substitution rules to be implemented for interval metering data to replicate substitution rules derived from Manually Read Interval Meters and Accumulative Meters.	Mark Leschke (Yurika)	054	Subset of the initial workshop to met on 20 Feb to further consider pain points and potential next steps
Clarifying when an embedded network code must be issued	Clarifying EN interpretations of the relevant clause, so the clauses are applicable regardless of the Distributor's embedded network application process.	Dino Ou (Endeavour)	055	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	Next Subgroup meeting scheduled for 7 Mar 2023
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 recommendations expected to form part of the March 2023 IESS consultation
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	Mark Riley (AGL)	060	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

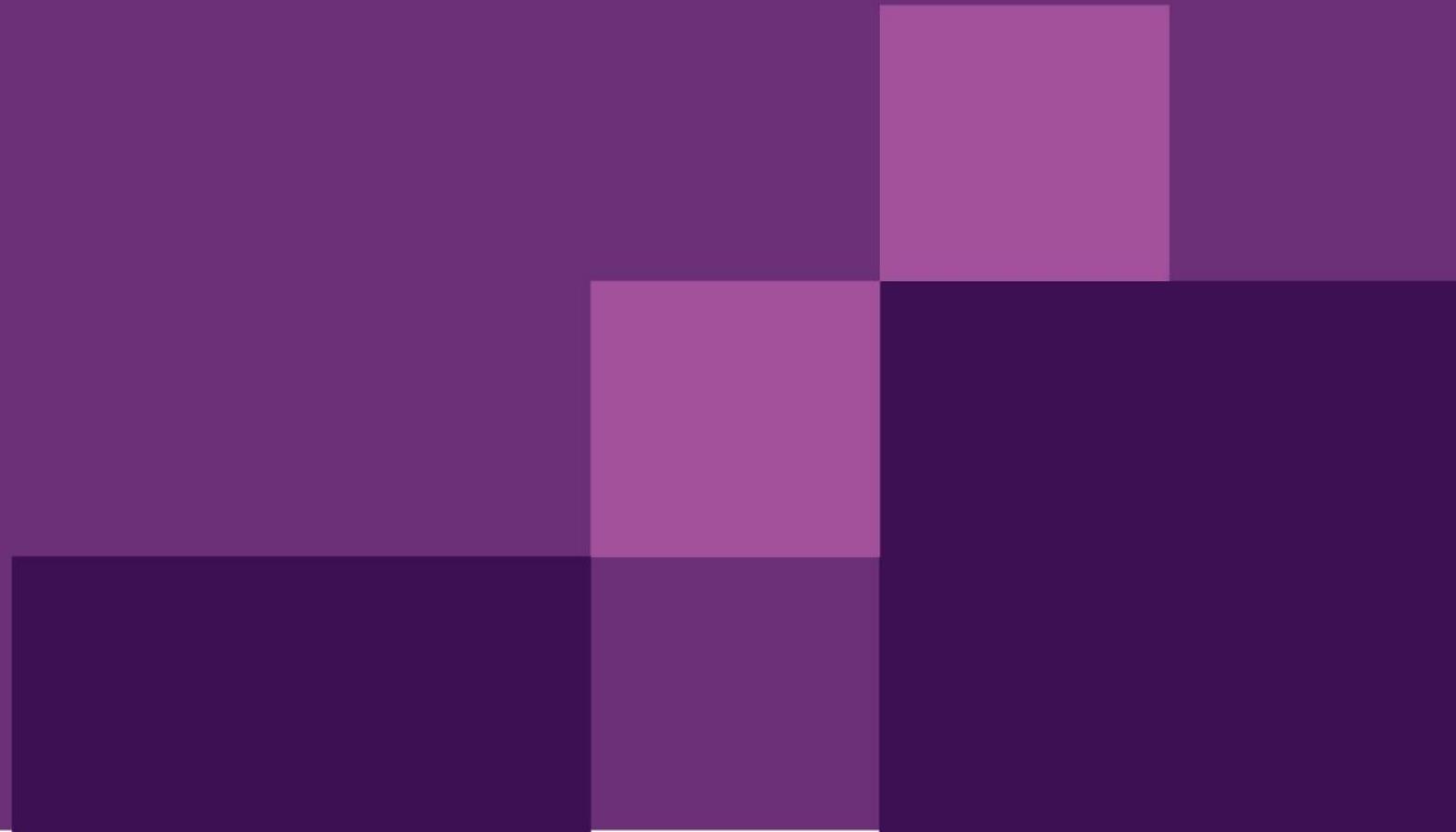
Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Reviewing and updating file examples in the MDFF Specification document.	<p>The MDFF document includes example files. Some of these files have not been updated to incorporate changes in the industry including SMS and Global Settlements.</p> <p>AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.</p>	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.	<p>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.</p> <p>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.</p>	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	<p>Currently the "Building Name" field in MSATS is 30 CHAR, Ausgrid would like to change this to 60 CHAR.</p> <p>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.</p>	Wayne Turner (Ausgrid)	070	ICF to form part of the March 2023 IESS consultation
NSLP Longer-term Methodology	<p>Following the introduction of SMS, 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.</p>	AEMO	TBD	Subgroup meeting scheduled for 7 Mar 2023, leveraging the previously established Load Profiling subgroup membership

# Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the ICF Register slides
- ICF\_052: Helen Vassos (PlusES) requested for ICF\_052 to be withdrawn. Helen thanked members for their support to date.
- ICF\_054: The subgroup has recently met and are scheduled to meet again in 2weeks' time. The subgroup will likely provide a more substantial update to the ERCF at the next ERCF monthly meeting

# Subgroups

Proponents



# Subgroup Updates

Issue/Change Title	Short Description	ICF Ref#	Status	Proponent	Current Status/Update
NMI Status	PlusES is proposing that the NMI status must be updated by the LNSP when they become aware that the supply status to the connection point is different from what is recorded in MSATS. i.e. the updating of the NMI status should not only occur when the LNSP has effected an energisation service.	52	On-hold	Helen Vassos (PlusES)	Subgroup last met on 4 May 2022. Helen Vassos to provide information at the meeting re next steps for this ICF
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.	54	Active	Mark Leschke (Yurika)	Subset of the initial workshop to met on 20 Feb to further consider pain points and potential next steps
Clarification of End Date in Inventory Table	AGL has raised the issue that Inventory Tables are being populated and maintained inconsistently between DNSPs and that the data being provided by some DNSPs are seen as being inadequate.	56	Active	Mark Riley (AGL)	Next Subgroup meeting scheduled for 7 Mar 2023
Review of NMI Classifications	AGL is proposing that the basis of, and the NMI classifications themselves, be reviewed to ensure they appropriately communicate the service a NMI represents.	59	Active	Mark Riley (AGL)	Subgroup recommendations expected to form part of the March 2023 IESS consultation
NSLP Longer-term Methodology	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	TBD	Active	AEMO	Subgroup meeting scheduled for 7 Mar 2023, leveraging the previously established Load Profiling subgroup membership

# Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the Subgroup slides
- No comments or actions were noted



# Consultations

Blaine Miner (AEMO)

# Consultations Updates

Consultation	Short Description	Status	Current Status/Update
Standing Data for MSATS enumerations	Inclusion of additional CT and VT enumerations	Completed	<ul style="list-style-type: none"> <li>Standing Data for MSATS v5.34 to be published by next Wed 1 March</li> </ul>
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.	In progress	<ul style="list-style-type: none"> <li>Publication of Final Report and Determination 27 February 2023</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>	In progress	<ul style="list-style-type: none"> <li>Publication of Final Report and Determination Friday, 24 February 2023</li> </ul>
IESS	<p>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.</p> <p>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>	Upcoming	<ul style="list-style-type: none"> <li>Initial Stage/Issues Paper expected to be published first week of March 2023</li> </ul>
SAPS Minor Amendments	<p>Minor amendments to various procedures, no changes to obligations:</p> <ul style="list-style-type: none"> <li>- MDM procedures – inclusion of RM51 report, MDP SLP – obligation inconsistency, version numbering corrections</li> </ul>	Upcoming	<ul style="list-style-type: none"> <li>To commence shortly</li> </ul>
May 2023 Procedure consolidation	Consolidation required for the Glossary & Framework document effective 30 May 2023	Upcoming	<ul style="list-style-type: none"> <li>Expected to commence Mar/Apr 2023</li> </ul>
NSLP Profiling Methodologies	The determine 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	Upcoming	<ul style="list-style-type: none"> <li>Timing TBD</li> </ul>

The link to the ‘Retail consultations calendar’ is provided below, noting that there may be a short lag between updates: <https://aemo.com.au/en/consultations>

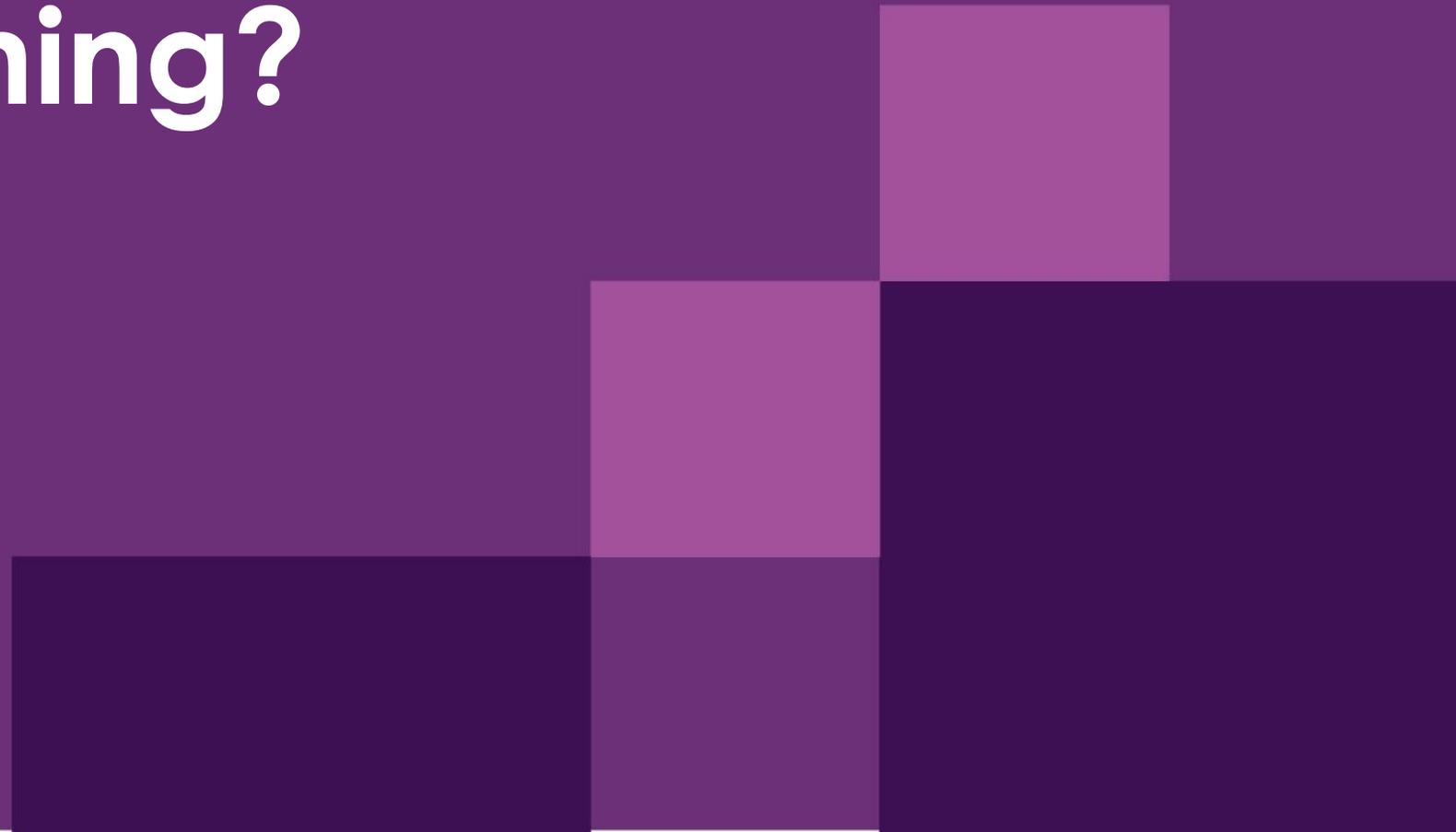
# Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the Consultations slide
- Blaine mentioned that the draft ERCF slide pack incorrectly stated that the Standing Data for MSATS document had been published, that was not the case. It is expected to be published within the next week.
- Blaine also mentioned that depending on the outcome of the CDR LCCD edge case risk, an additional consultation may be required to communicate proposed changes
- Blaine confirmed that if the LCCD obligations were to change, it would be to delay AGL, EA and Origin's obligations to a later date, the date for tranche 3 retailers would not be brought forward



# What's Coming?

Blaine Miner (AEMO)



# What's coming?

- **AEMO/AEMC/NEM2025 Initiatives of note:**

- Information Data Exchange (IDX)
- Identity and Access Mgt (IDAM)
- Unlocking CER Benefits through Flexible Trading
- ESB Billing Transparency
- Metering Services Review
- Changes to ROLR Procedures (B2M and B2B)

- **Consultations:**

- Nearing completion:
  - Load Profiling Methodologies - Publication of Final Report and Determination 24 February 2023
  - UFE Reporting Guidelines - Publication of Final Report and Determination 27 February 2023
- Upcoming:
  - IESS, plus ERCF ICFs
  - SAPS Minor Amendments (1 stage consultation)
  - ROLR Changes - B2B (expedited IEC consultation) and B2M
  - May 2023 Procedure consolidation (1 stage consultation)
  - NSLP Profiling Methodologies - TBD

- **AEMO system releases:**

- March 2023, including the IESS Initial Release
- May 2023, including SAPS and CDR Phase 2 (LCCD)
- October 2023, including 5MLP Load Profiling Methodology

- **Compliance holidays:**

- MCPI/SIPF
  - Compliance holiday finishes 1 May 2023
- CDR LCCD 30 May to 1 Nov 2023

# Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the What's Coming? slide



# General Business and Next Steps

Blaine Miner (AEMO)

# 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 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

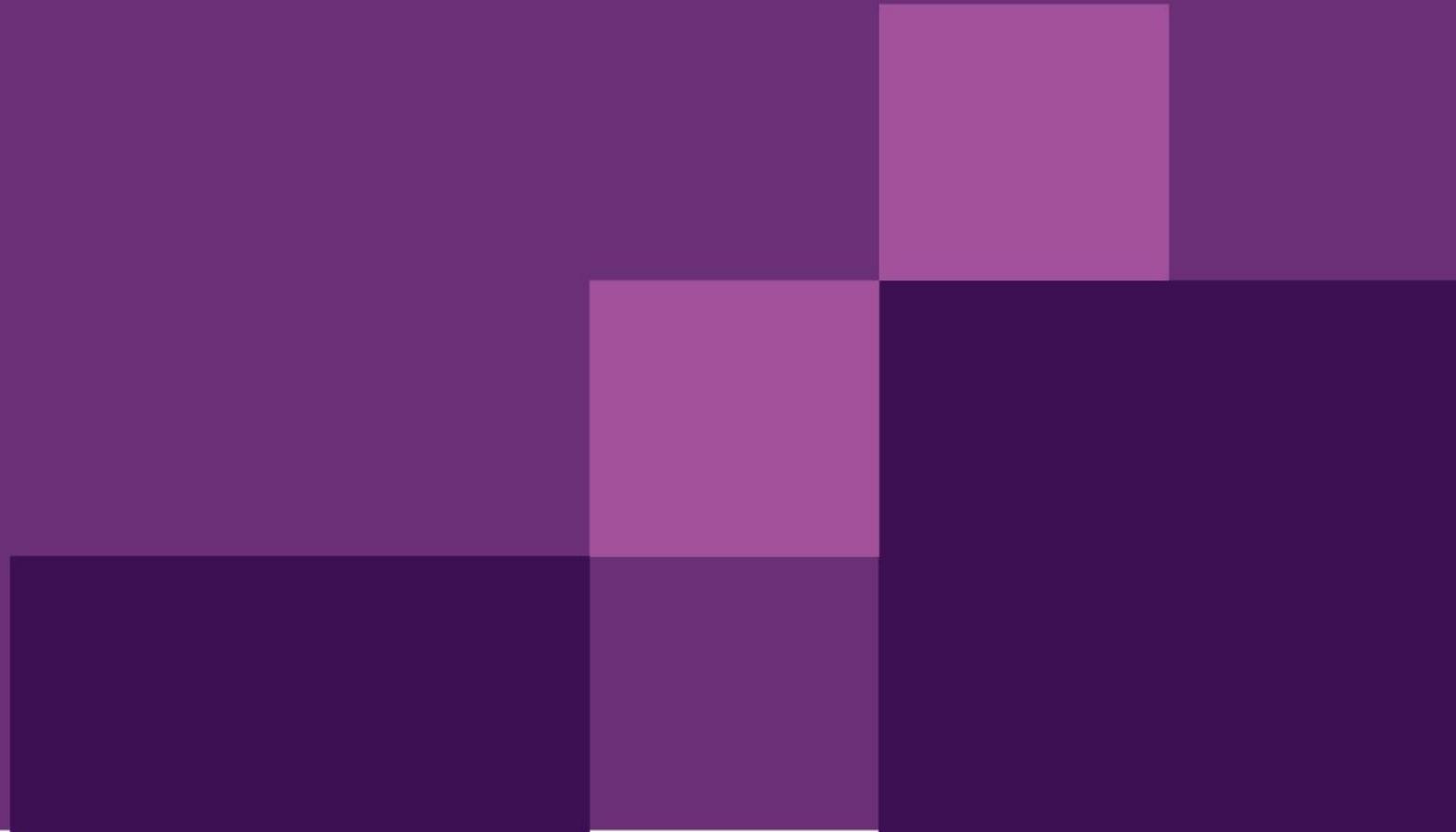
# General Business & Next Steps

- Proposing to change the monthly meetings to the 4<sup>th</sup> Monday of each month
- Are there any general business items members wish to raise?
- Actions and notes to be circulated asap
- Next meeting scheduled for 27 March 2023
  - Please send through any proposed agenda items, questions or suggested meeting improvements to [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au)

# Notes

- Blaine Miner (AEMO) spoke to, and provided additional context to, the General Business & Next Steps slides
- No issues were raised regarding the proposal to move the monthly meetings to the 4th Monday of each month

# Appendix



# ERCF NMI Classification Subgroup Recommendations

# NMI Classifications Subgroup Update

- In late 2022, an ERCF NMI Classification Code (NCC) Subgroup was formed to action ICF\_059 and review CATS NMI Classification Codes to ensure CATS NMI Classification codes accurately and adequately reflect industry needs.
- The ERCF NMI Classification Code subgroup considered the following guiding questions throughout issue analysis:
  - What are customer and industry benefits resulting from better identification of customer generation capabilities?
  - What information in the CATS system or CATS Procedures is unclear and how can clarity be achieved?
  - What information in the CATS system or CATS Procedures is unavailable and what information ‘fills the gap’?
- Throughout the ERCF NCC subgroup analysis, a current day industry issue became increasingly evident. While the issue impacts are potentially wide reaching, this issue is understood to primarily impact Customers due to Retailers and IRP’s who may be unable and/or inadvertently incorrectly quoting and/or contracting customers. Further, it could be expected this issue will soon impact the NEM2025 Program as the NEM moves towards widespread smaller scale energy provision.
- Issue:
  - NEM Participants are unable to easily and accurately identify a customer’s non-registered or non-classified generation capabilities in the CATS system/procedures
- The sub-group considered the issues of identification of this generation capability, in light of the rapid changes which are occurring within the industry with rapid implementation of changes to bring about the ‘two-sided market’ recognising greater levels of consumer generation.
- A review of the NEM2025 program has identified at a high level that at least x10 of the reforms will require identification of consumer generation. AEMO’s planning processes will benefit from easier identification of consumer generation and retailer processes will benefit from identification of this generation.

# Recommendations

- Following the analysis, the subgroup is making the following recommendations:
  - Implementation of additional NMI classifications to recognise non-registered / non-classified generation for SMALL and LARGE NMIs (GSMALL, GLARGE);
  - Implementation of a NMI classification for stand-alone Electric Vehicle chargers (noting their unpredictable load and generation) (EVCHARGE);
  - Changes to the allocation of Residential sites to the 'SMALL' NMI classification as the customer classification clearly differentiates between Residential and Business;
  - Minor editorial changes to ensure clarity of the Customer Threshold Limits in CATS;
  - Further consideration of providing visibility of asset capability at the site via a view of the DER Register in CATS and a longer-term perspective on looking at connection points on the basis of throughput not just consumption.
- Refer to the Appendix for further details

# Recommendations: CATS Procedural change (minor edit)

## Customer Threshold Codes

- For consistency and clarity of use, it is recommended the CATS Procedures provide the specific Jurisdictional limits related to Customer Threshold Codes LOW, MEDIUM and HIGH (in the same way that the NMI classification codes specify the jurisdictional limits)

Customer Threshold Code	Description	Jurisdiction	Energy Volume
LOW	Consumption is less than the 'lower consumption threshold' as defined in the National Energy Retail Regulations.	<a href="#">ACT, NSW, QLD</a>	<a href="#">&lt;40 MWh</a>
		<a href="#">TAS</a>	<a href="#">&lt;40 MWh</a>
		<a href="#">SA, VIC</a>	<a href="#">&lt;40 MWh</a>
MEDIUM	Consumption is equal to or greater than the 'lower consumption threshold', but less than the 'upper consumption threshold', as defined in the National Energy Retail Regulations.	<a href="#">ACT, NSW, QLD</a>	<a href="#">&gt;=40 MWh &lt;100 MWh</a>
		<a href="#">TAS</a>	<a href="#">&gt;=40 MWh &lt;150 MWh</a>
		<a href="#">SA, VIC</a>	<a href="#">&gt;=40 MWh &lt;160 MWh</a>
HIGH	Consumption is equal to or greater than the 'upper consumption threshold' as defined in the National Energy Retail Regulations.	<a href="#">ACT, NSW, QLD</a>	<a href="#">&gt;=100 MWh</a>
		<a href="#">TAS</a>	<a href="#">&gt;=150 MWh</a>
		<a href="#">SA, VIC</a>	<a href="#">&gt;=160 MWh</a>

# Recommendations: CATS Procedural change (minor edit)

## Current NMI Classification Codes

- For ease of user reference, recommend restructure of CATS Procedures Table 4-D including grouping of NCC codes and identification of Consumption and Generation
- Note: NMI Classification Codes 'Description' has not been included in this pack

CODE	JURISDICTION	CONSUMPTION	GENERATION
<b>Generation and Retail</b>			
SMALL	ACT, NSW, QLD	<100MWh	<30MW
	TAS	<150MWh	<30MW
	SA, VIC	<160MWh	<30MW
LARGE	ACT, NSW, QLD	>=100MWh	<30MW
	TAS	>=150MWh	<30MW
	SA, VIC	>=160MWh	<30MW
NCOMUML	All	Yes	No
NREG	All	Yes	Yes
GENERATR	All	No	Yes
<a href="#">DGENRATR</a>	<a href="#">All</a>	<a href="#">No</a>	<a href="#">Yes</a>
<a href="#">TIRS</a>	<a href="#">All</a>	<a href="#">Yes</a>	<a href="#">Yes</a>
<a href="#">DIRS</a>	<a href="#">All</a>	<a href="#">Yes</a>	<a href="#">Yes</a>
<b>Other</b>			
BULK	All	Yes	No
DWHOLSAL	All	Yes	No
EPROFILE	All	Yes	Yes
INTERCON	All	Yes	Yes
SAMPLE	All	Yes	Yes
WHOLESAL	All	Yes	No
XBOUNDRY	All	Yes	Yes

# Recommendations: CATS Procedural Change

## New CATS NMI Classification Codes

In order to provide visibility of asset generation at a site, it is recommended:

- Change existing Small and Large CATS NMI Classification Codes to exclude generation  $\geq 10\text{kVA}$  per phase
- Create New CATS NMI Classification Codes to identify sites which have a nominal consumption of SMALL or LARGE (as defined in Jurisdictional criteria) combined with unregistered / unclassified generation exceeding  $10\text{kVA}/\text{phase}$ .
- Create new CATS NMI Classification Code to identify Standalone Electric Vehicle (EV) Charging Stations in support of ESB recommendations

CODE	DESCRIPTION	JURISDICTION	CONSUMPTION	GENERATION
<b>Generation and Retail</b>				
<b>SMALL</b>	<a href="#">Customer with consumption below nominated threshold and generation <math>&lt; 10\text{kVA}</math> per phase</a>	ACT, NSW, QLD	$< 100$ MWh	<a href="#"><math>&lt; 10\text{kVA}</math> per phase</a>
		TAS	$< 150$ MWh	<a href="#"><math>&lt; 10\text{kVA}</math> per phase</a>
		SA, VIC	$< 160$ MWh	<a href="#"><math>&lt; 10\text{kVA}</math> per phase</a>
<b>GSMALL</b>	<a href="#">Customer with export consumption below nominated threshold AND unregistered and unclassified import generation below nominated threshold</a>	<a href="#">ACT, NSW, QLD</a>	<a href="#"><math>&lt; 100</math> MWh</a>	<a href="#"><math>\geq 10\text{kVA}</math> per phase</a>
		<a href="#">TAS</a>	<a href="#"><math>&lt; 150</math> MWh</a>	<a href="#"><math>\geq 10\text{kVA}</math> per phase</a>
		<a href="#">SA, VIC</a>	<a href="#"><math>&lt; 160</math> MWh</a>	<a href="#"><math>\geq 10\text{kVA}</math> per phase</a>
<b>LARGE</b>	<a href="#">Customer with consumption above nominated threshold and generation <math>&lt; 10\text{kVA}</math> per phase</a>	ACT, NSW, QLD	$\geq 100$ MWh	<a href="#"><math>&lt; 10\text{kVA}</math> per phase</a>
		TAS	$\geq 150$ MWh	<a href="#"><math>&lt; 10\text{kVA}</math> per phase</a>
		SA, VIC	$\geq 160$ MWh	<a href="#"><math>&lt; 10\text{kVA}</math> per phase</a>
<b>GLARGE</b>	<a href="#">Customer with export consumption above nominated threshold AND unregistered and unclassified import generation above nominated threshold</a>	<a href="#">ACT, NSW, QLD</a>	$\geq 100$ MWh	<a href="#"><math>\geq 10\text{kVA}</math> per phase</a>
		<a href="#">TAS</a>	$\geq 150$ MWh	<a href="#"><math>\geq 10\text{kVA}</math> per phase</a>
		<a href="#">SA, VIC</a>	$\geq 160$ MWh	<a href="#"><math>\geq 10\text{kVA}</math> per phase</a>
<b>EVCHARGE</b>	<a href="#">Standalone Electric Vehicle (EV) Charging Stations (excluding non-standalone Electrical Vehicle chargers installed behind a customer's metering installation)</a>	<a href="#">All</a>	<a href="#">Any</a>	<a href="#">Any</a>

# Recommendations: CATS Procedural change

## Current CATS NMI Classification Codes

- As the Customer Classification Code already clearly differentiates between Residential and Business, recommend removal of reference 'Residential' and 'Business' associated to SMALL and LARGE NMI Classification Codes
- This recommendation effectively reverses a CATS Procedural change made in 2020. This change appears to be a misinterpretation of participants comments made in 2nd round consultation
- This 2020 change removed visibility of residential customer throughput resulting in significant impacts for Retailers and other market Participants

LARGE	Business Customer	>=100 MWh	ACT, NSW, QLD
		>=150 MWh	TAS
		>=160 MWh	SA, VIC
SMALL	Business Customer	<100 MWh	ACT, NSW, QLD
		<150MWh	TAS
		<160MWh	SA, VIC
	Residential Customer	Any MW	All



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