

ERCF Meeting #1 - Notes

30 January 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. What Do We Know Going Into 2023?
3. Consumer Data Right
4. General Updates:
 - Certificate Management Solution
 - Enumeration Mgt
5. ICF Updates
 - ICF_059 - Review of NMI Classifications Subgroup Update
 - ICF_054 - Substitution Review Update
6. ICF Register
7. Subgroups
8. Consultations
9. General Business and Next Steps





What Do We Know Going Into 2023?

Blaine Miner (AEMO)

What Do We Know Going Into 2023?

- The ERCF is responsible for considering NEM 2025 Retail & Metering related impacts
 - Who knows what will come out of this space 😊
- Consultations will occur:
 - In progress:
 - 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 - Early March 2023
 - Will likely include other matters e.g. NMI Classification review recommendations
 - May 2023 Procedure consolidation - 1 stage, to occur late March/early April 2023
 - NSLP Profiling Methodologies - TBD
 - ROLR Changes - B2B and B2M - TBD
- AEMO system releases will occur:
 - 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 will start and finish
 - MCPI/SIPF
 - Compliance holiday finishes 1 May 2023
 - CDR LCCD 30 May to 1 Nov 2023
 - Compliance holiday for tranche 3 retailers between 30 May and 1 Nov 2023

Notes:

- Blaine Miner (AEMO) spoke to the 'What Do We Know Going Into 2023?' slide and provided additional context
- In response to a question asked, Blaine confirmed that change-marked versions are expected to be supplied by AEMO as part of the Consolidation consultation scheduled for late March/early April
- Blaine noted that a 'look forward' agenda item will be added to future monthly meetings



Consumer Data Right

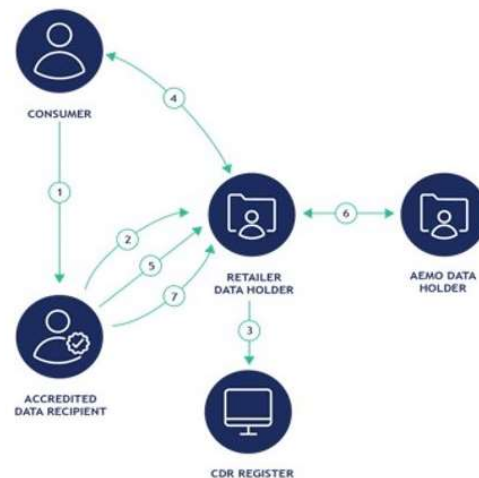
Justin Stute (AEMO)

Consumer Data Right (CDR)

- The Consumer Data Right (CDR) reform is designed to provide Australian consumers with choice on how their data is used and shared, and empower them to choose from a range of tailored and innovative products and services which are facilitated by access to their data
- AEMO's role in Consumer Data Right, is to provide standing data, energy usage data and distributed energy resource data via retailers to accredited data recipients who will deliver value adding services when requested by a consumer

How does the P2P data access model work?

CDR in Energy has designated AEMO as a Data Holder to enable consumers to share their information on Distributed Energy Resources and historical Electricity usage that may not be available to the current Retailer. To facilitate this outcome the CDR data access model differs from the economy-wide model to allow for the fact that AEMO does not have the information to manage consumer consent.



1. The consumer consents to an accredited data recipient (ADR) obtaining their data.
2. The ADR contacts the retailer Data Holder (DH), seeking access to the consumer's data.
3. The retailer DH authenticates the ADR using the CDR Register.
4. The consumer is redirected to the retailer DH's authentication and authorisation service. The retailer DH authenticates the identity of the consumer via a one-time password. The Consumer authorises the retailer DH to disclose their data to the ADR.
5. The ADR requests a specific set of data that is covered by the authorisation.
6. The retailer requests the relevant data, covered by the authorised consent, from AEMO as a data holder (AEMO DH). AEMO DH provides the requested data to the retailer DH. The retailer may also obtain relevant data from its own data holdings.
7. The consumer's data is shared between the retailer DH and the ADR

Consumer Data Right (CDR) – Staged application



- Tranche 1
 - The Consumer Data Right (CDR) for non-complex requests for energy went live in November 2022 for the initial retailers of Origin and AGL
- Tranche 2
 - Complex requests for initial retailers, Origin, AGL and Energy Australia to go live 15 May 2023
- Tranche 3
 - Larger retailers for non-complex request to go live 1 November 2023
- Tranche 4
 - Larger retailers for complex requests to go live 1 May 2024
- Definitions
 - Complex requests: a large customer; or is made on behalf of a secondary user; or relates to a joint account or a partnership account
 - Larger Retailers: Retailers with a threshold of 10,000 or more small customers

Consumer Data Right (CDR) – Information Session



- AEMO is proposing to hold an information session on the 2nd March 2023 for Larger retailers to assist with any questions regarding CDR for tranche 3 and tranche 4
- The 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 will be sent out via the ERCF CRM list

LCCD Maintenance Transitional Risk

- A risk has been raised by Energy Australia (EA) associated to the provision of the compliance holiday to tranche 3 retailers between 30 May 2023 and 1 Nov 2023
- Under the following type of scenario EA is concerned that:
 - The integrity of the LCCD value may be compromised
 - Retailers may inadvertently share data with the incorrect account holder
- Scenario:
 - NMI A/**account holder #1** is with EA
 - A new account holder, **account holder #2**, moves-in on **4 July 2023**
 - The LCCD field for NMI A is initially populated by EA, using CR5057, to 4 July 2023
 - NMI A/**account holder #2** then transfers to a tranche 3 retailer on **28 July 2023**
 - As this is not a change of retailer move-in scenario therefore AEMO's automation would not update the LCCD field
 - The tranche 3 retailer does not update the LCCD, as their capability has not yet been implemented i.e. the field still shows **4 July 2023**
 - There is a change in account holder, **account holder #3**, on **4 Oct 2023**
 - The tranche 3 retailer does not update the LCCD, as their capability has not yet been implemented i.e. the LCCD field still shows **4 July 2023**
 - An ADR then sends through a CDR to the tranche 3 retailer on behalf of **account holder #3** on 5 Dec 2023 for the period of **6 Dec 2021 to 5 Dec 2023**, post the 1 Nov 2023 tranche 3 retailer Rule obligation date
 - Under the Current Obligations for Usage request dates, the primary Data Holder MUST ensure that the data requested and then shared with the Data Recipient is not outside the bounds of control of the specific CDR Consumer

LCCD Maintenance Transitional Risk

- The risk on the proceeding slide has been prepared for retailers to consider their obligations.
- AEMO is seeking feedback from retailers as to if:
 - They have considered this risk
 - They have, or intend to have, controls and processes to manage this type of scenario
 - There is any additional information or support required from AEMO

CDR 'Last Consumer Change Date' (LCCD) Field Application Workshop Actions Update



- **Action:** AEMO to confirm if AEMO's privacy policy needs to be updated due to CDR
 - The CDR Privacy Safety Guidelines outlines that AEMO is not subject to the Privacy Safeguard 1 in its capacity as a data holder. If you believe this needs further consideration, please provide your reasoning via ERCF@aemo.com.au
- **Action:** AEMO to consider how the details relating to the compliance holiday will be more broadly communicated
 - AEMO has identified tranche 3 retailers who will be responsible for maintaining the LCCD from November 2023.
 - AEMO will reach out to these retailers prior to the March meeting.
 - AEMO is willing to broaden the scope to reiterate the obligations for tranche 3 retailers during the March session if required.
- **Action:** How can AEMO better communicate AEMO's role in supporting Retailers comply with their CATS obligations for CR1030/40 scenarios, to ensure the correct interpretation by the Regulator if required
 - This action is still under consideration
- **Action:** AEMO to confirm when AEMO's system validates that the LCCD transaction is valid, when the CR is submitted/requested or when it is processed for completion.
 - AEMO's systems will validate LCCD change requests:
 - **On submission** (e.g., submitting party is the current FRMP, LCCD value is valid, etc).
 - **On completion** to ensure that the party submitting the CR is still the FRMP in the event a change of retailer has been completed in between submission of the CR and the CR being completed.

Notes:

- Justin Stute and Blaine Miner (AEMO) spoke to the 'Consumer Data Right' slides and provided additional context
- In response to questions asked, Blaine stated that:
 - Obligations regarding LCCD population and maintenance on current FRMPs, specified in section 2.2 of the CATS procedure, applies to all Retailers regardless of their CDR Rule classification i.e. 'Initial Retailers', 'Larger Retailers' and other Retailers
 - The one thing that is different between the Initial Retailers and others Retailers is the effective date of their obligations i.e. Initial Retailers must comply from 30 May 2023 while other Retailers must comply from 1 Nov 2023
 - Retailers need to make their own decisions regarding the processes they put in place to mitigate the risk described in the slides
 - The risk raised is not only caused by the staggered compliance to the LCCD field but also through varying processes between different Retailers across the market e.g. varying processes relating to the definition of a change in account holder



General Updates



Certificate Management Solution Update

Improving energy market security by
providing Market Participants a
solution to self-manage TLS
certificates

This material covers the Certificate Management solution, which is presently under development.

All information shared is confidential and for impacted market participants only.

The Certificate Management solution is designed to allow market participants to self-manage their TLS* Certificates that are used to connect to many AEMO electricity and gas systems.

* Transport Layer Security – facilitates secure communication over a network

Progress Update

- Initial Communications conducted on project
 - ERCF, GRCE, ITWG
 - Direct email to Participants
- Development of API and User Interface completed
- Technical Specification due early February 2023
- Initial Testing expected to complete February 2023
- Additional Communications planned for February & March 2023
- General Availability of solution – April 2023



Electricity



Gas

Next steps

AEMO will continue to be in regular contact with **your nominated IT contacts** as the solution progresses, and to ensure they understand their responsibility.

For any further enquiries, please contact this mailbox:



CertificateReplacement@aemo.com.au

Notes:

- Blaine Miner (AEMO) spoke to the 'Certificate Management Solution Update' slides
- No questions or actions were noted



Enumeration Mgt Update

Blaine Miner (AEMO)

Enumeration Mgt Update

Option	Description	Enforcement of enumerations	Mechanism	Approving Body	Update Process	Indicative Timeframe	Publishing Location
Option 1 Current process	Enumerations are added as configurable items to the MSATS system and enforced by AEMO systems.	<ul style="list-style-type: none"> Enforced by the MSATS application on validation of the inbound aseXML transaction. aseXML transactions will be schema valid. 	AEMO updates the MSATS configurable item. Once updated, the MSATS validation of aseXML transactions will immediately support the new enumeration.	AEMO	ERCF Enumerated List Form	Minimum 3-4 week cycle	<ul style="list-style-type: none"> AEMO Markets Portal Help page From May 2023, the CATSC1 Replication Report
Option 2 Enumerations defined in Electricity_r42.xsd	Enumerations added to the versioned aseXML schema file that becomes the CURRENT/LATEST Industry schema.	<ul style="list-style-type: none"> Enforced via the aseXML schema. Values that do not match the agreed enumeration will result in an aseXML transaction that is schema invalid. 	Participants must load all XSD files that make up the newest version of the schema release in their market system. This version is accessible only after an MSATS deployment, and the participant updates their aseXML schema preference to CURRENT/LATEST.	ASWG	ASWG Normal Change Process	Minimum 8week cycle for approval It also requires an MSATS release to PreProd and then Prod.	<ul style="list-style-type: none"> AEMO website, aseXML page
Option 3 Enumerations defined in ElectricityEnumerations.xsd	Enumerations added to a dedicated non-versioned aseXML schema file containing electricity-specific B2B or B2M enumerations.		Participants load just the new non-versioned ElectricityEnumerations.xsd schema file in their market system. This can be done at any point after the approved XSD is published	ASWG	ASWG Rapid Change Process	Minimum 5 week cycle	<ul style="list-style-type: none"> AEMO website, aseXML page

- ERCF split between Option 1 and 3 as their preferred Enumeration Mgt Option
- Option 1 was successfully applied in the lead-up and post MSDR go-live
- AEMO will be providing additional ways of Participants accessing enumeration lists
 - C1 reports from 30 May 2023 and via APIs
- AEMO's current position:
 - Given the abundance of change AEMO and Industry have/are/and will be navigating over the coming years, AEMO does not believe there is sufficient justification to support the allocation of resources and dollars to change the current/planned enumeration processes

Notes:

- Blaine Miner (AEMO) spoke to the 'Enumeration Mgt Update' slide
- In response to a question asked, Blaine confirmed that enumerations are not held in the schema, they are actually held and maintained in the application i.e. MSATS



ICF Updates

ICF_059 - Review of NMI Classifications Subgroup Update



Mark Riley (AGL) and Chris Murphy (Telstra)

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

For further discussion

- Consider reviewing the throughput of a NMI as a descriptive function, rather than just the consumption or generation of a bidirectional connection point.
- Provide granularity of asset capability at the site such as:
 - Provide view of DER Register in CATS via a set of enumerations to determine import/generation capabilities at a premise
 - The enumerations to identify type and size of generation e.g., Device Type, Maximum Output, Maximum Storage, Status, etc..
 - DER fields to be available via NMI Discovery and provided across suite of CATS reports. E.g., C1, C4, etc..

Notes:

- Chris Murphy (Telstra) spoke to the 'ICF_059 - Review of NMI Classifications Subgroup Update' slides
- In response to questions asked Chris Murphy confirmed/clarified:
 - The subgroup attempted to consider thresholds to support GLARGE and GSMALL NCCs which were already thought to be used by LNSPs to support other processes, to reduce any unintended maintenance burden
 - Industry must ensure that both generation and load characteristics are easily accessible to support Industry processes
 - Other NMI Classifications may be required in due course as market reform continues i.e. this is not a set and forget or one off exercise
- Blaine mentioned that ideally these subgroup recommendations would form part of the March 2023 IESS consultation



ICF_054 - Substitution Review Update

Blaine Miner (AEMO)

ICF_054 - Substitution Review Update

- Background
 - Objectives
 - To ensure that the current Met Part B subtypes are still fit for purpose for the current and emerging market conditions
 - To make existing obligations and processes more efficient and effective
 - ERCF recommendations/next steps
 - For a subgroup to be formed to identify and consider potential changes, through the application of use cases, to AEMO's existing procedures and the Industry's existing processes to better achieve the specified objectives
 - Recommended that the subgroup:
 - Contains both MDP WG (small and large MDPs) and Small Retailer representation
 - Focuses on the net value (benefits and costs) of any proposed changes
- Current nominations for the subgroup
 - Mark Leschke, Steven Thomson, Mark Riley, David Woods, Jo Sullivan, Brett Oldham, Jeff Roberts
- Subgroup to meet in Feb
 - Additional nominations, proposed agenda items and slide content to be sent to ERCF@aemo.com.au

Notes:

- Blaine Miner (AEMO) spoke to the 'ICF_054 - Substitution Review Update' slide
- No questions or actions were noted



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	Should this ICF now be considered closed?
Substitution Review	The review requires consideration for new substitution rules to be implemented for interval metering data to replicate substitution rules derived from Manually Read Interval Meters and Accumulative Meters.	Mark Leschke (Yurika)	054	Subset of the initial subgroup to meet to consider next steps. Next meeting likely to occur Feb 2023.
Clarifying when an embedded network code must be issued	Clarifying EN interpretations of the relevant clause, so the clauses are applicable regardless of the Distributor's embedded network application process.	Dino Ou (Endeavour)	055	Included in the 'Load Profiling Methodologies' consultation
Clarification of End Date in Inventory Table	Some MDPs are using NCONUML Inventory Table End Date to identify when the metering data is last calculated, updating it each month. Proposal is to clarify the end-date be when there is a change to consumption or abolishment. If not, the End Date should be reflected as 31.12.9999.	Mark Riley (AGL)	056	Subgroup formed. Proponent considering next steps.
Review of NMI Classifications	Some NMI Classifications are defined according to consumption, while some are defined according to throughput. The descriptions should be updated for consistency and to better accommodate for new connection arrangements (EG: those associated with IESS)	Mark Riley (AGL)	059	Subgroup formed. Update provided in this meeting.
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	Mark Riley (AGL)	060	Included in the 'Load Profiling Methodologies' consultation

ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Addition of the 'HouseNumberToSuffix' field	<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>	Aakash Sembey (Origin Energy)	064	Included in the 'Load Profiling Methodologies' consultation
Removal of NMI Discovery Type 3 limitations	<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>	Aakash Sembey (Origin Energy)	065	Included in the 'Load Profiling Methodologies' consultation

ICF Register Update

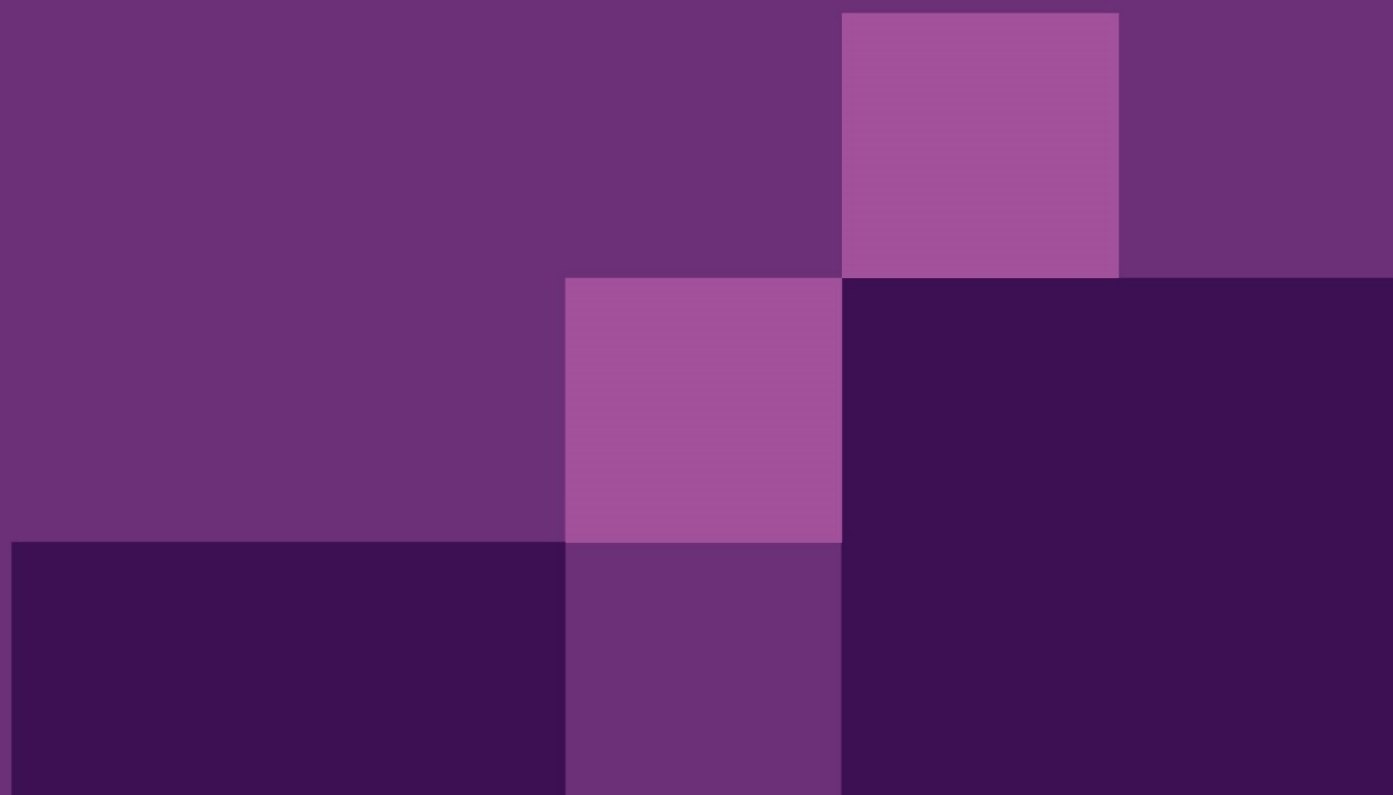
Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Reviewing and updating file examples in the MDFF Specification document.	The MDFF document includes example files. Some of these files have not been updated to incorporate changes in the industry including SMS and Global Settlements. AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.	AEMO	067	Document to be updated and published for comment. Exact timing still TBD.
Enumeration Management	This ICF identifies proposed fields for their enumerations to be managed outside the Standing Data for MSATS procedure, the process to amend those enumeration lists via a Rapid change process and where those enumerations are published.	Mark Riley (AGL)	068	ICF to be closed.
New fields in MSATS defined by a naming convention that does not align with the procedural field name.	With the introduction of new fields into MSATS as part of the MSDR it has become known that AEMO may create the new fields in MSATS defined by a naming convention that does not align with the procedural field name. The AEMO defined the field name may be based on their database name and participants are then required to create a mapping table within their systems to associate this name with the procedural field name that is defined in the Standing Data for MSATS document.	Adrian Honey (TasNetworks)	069	New C1 'TF_DATA_ELEMENT_MAPPING' report expected to be implemented between 30 May and Nov 2023
Increase 'Building Name' Field Length in MSATS	Currently the "Building Name" field in MSATS is 30 CHAR, Ausgrid would like to change this to 60 CHAR.	Wayne Turner (Ausgrid)	070	AEMO seeking feedback from the ERCF

Notes:

- Blaine Miner (AEMO) spoke to the 'ICF Register' slides
- In response to a question, Blaine confirmed that:
 - ICF_047 was a system only change and had no impact on AEMO's procedures
 - ICF_070 should be able to be included in the March 2023 IESS consultation
- **Action:**
 - Helen Vassos (PLUSES) to consider next steps for ICF_052 for the next ERCF meeting

Subgroups

Proponents



Subgroup Updates

Issue/Change Title	Short Description	ICF Ref#	Status	Proponent	Current Status/Update
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)	Update required from the proponent
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of SMS (1 Oct 2021), Powershop has witnessed peculiar 'spikes' in settlement volumes. This subgroup is being established to discuss and consider potential long-term solutions to address this issue.	60	Active	Mark Riley (AGL)	'Load Profiling Methodologies' consultation currently in progress
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. Should this now be considered closed?
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)	Update included in this agenda
Enumerations	Subgroup is considering the preferred treatment of various MSATS enumerations, predominantly around separating the enumerations into 2 categories: <ul style="list-style-type: none"> Those that have a consequential impact on key Industry functions e.g. billing which should continue to be maintained in AEMO's 'Standing Data for MSATS' procedure Those that are provided for 'information purposes only' which may be able follow the ASWG's 'Rapid change process' 	TBD	Active	Mark Riley (AGL)	Update included in this agenda

Notes:

- Blaine Miner (AEMO) spoke to the 'Subgroups' slide
- No questions or actions were noted

Consultations

Kate Gordon (AEMO)

Consultations Updates

Consultation	Short Description	Status	Current Status/Update
UFE Reporting Guidelines	AEMO has prepared an Issues Paper to facilitate informed debate and feedback by industry about the 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"> Publication of Final Report and Determination 27 February 2023
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 expected to include:</p> <ul style="list-style-type: none"> ICF_055 - Embedded Network Codes - Procedure(s) impacted: CATS ICF_064 - ‘HouseNumberToSuffix’ field - Procedure(s) impacted: CATS/WiGS and Standing Data for MSATS ICF_065 - Removal of NMI Discovery Type 3 limitations 	In progress	<ul style="list-style-type: none"> Publication of Final Report and Determination Friday, 24 February 2023
IESS	The Commission’s final rule makes a number of changes that better integrate storage into the NEM, including, a new registration category, the Integrated Resource Provider (IRP), that allows storage and hybrids to register and participate in a single registration category rather than under two different categories.	Upcoming	<ul style="list-style-type: none"> In recognition of ERCF feedback, formal consultation re Retail & Metering consultations are planned to commence from March 2023
Standing Data for MSATS enumerations	Inclusion of additional CT ratios	Upcoming	
May 2023 Procedure consolidation	Consolidation required for the Glossary & Framework document effective 30 May 2023	Upcoming	<ul style="list-style-type: none"> Expected to commence Mar/Apr 2023
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"> Timing TBD

Notes:

- Blaine Miner (AEMO) spoke to the 'Consultations' slide
- Blaine noted that the ICFs contained within the Load Profiling Methodologies consultation have the following effective dates:
 - ICF_060 – 1 October 2023
 - ICF_054 – 30 May 2023
 - ICF_064 – 30 May 2023
 - ICF_065 – 30 May 2023



General Business and Next Steps

Blaine Miner (AEMO)

General Business & Next Steps

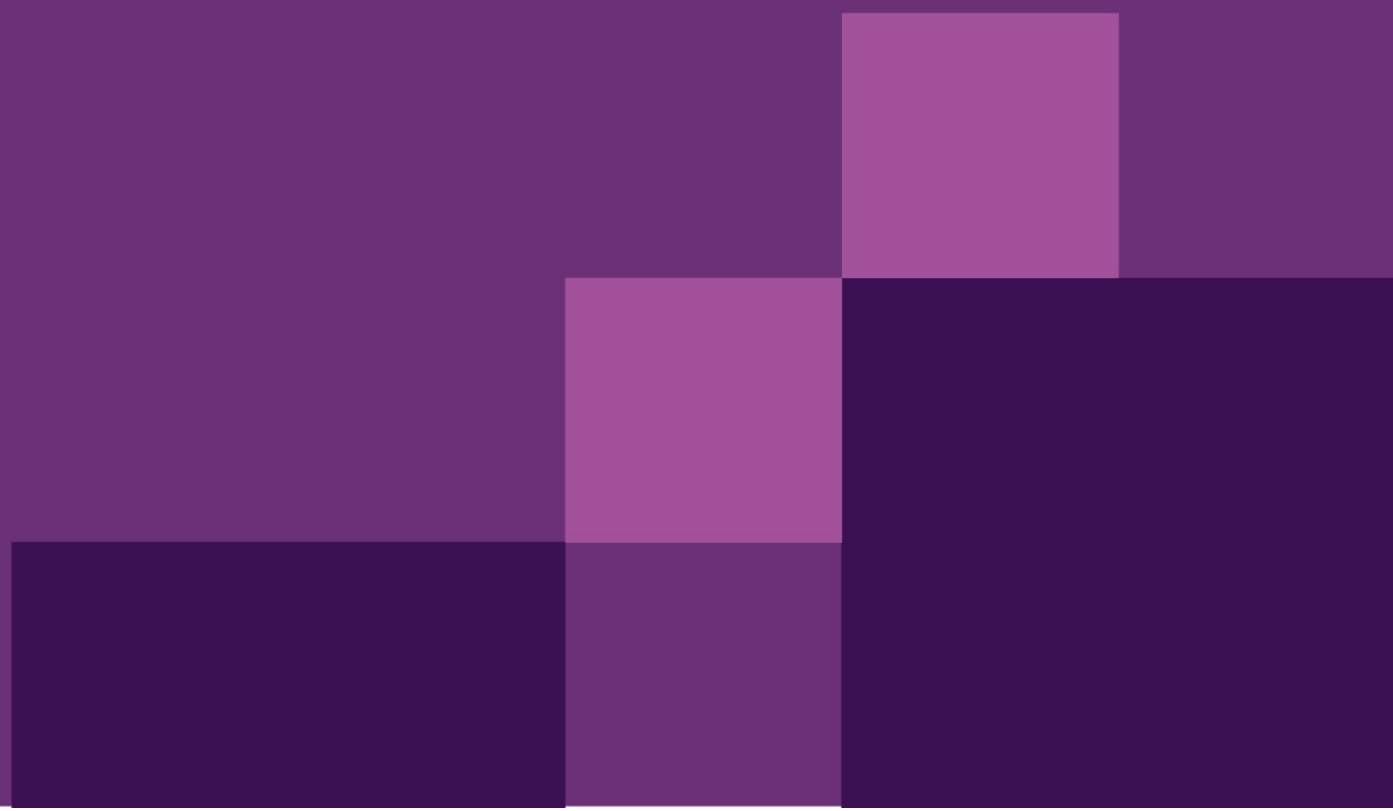
- Are there any general business items members wish to raise?
- Actions and notes to be circulated asap
- Next meeting scheduled for Thursday 23 Feb 2023
 - Please send through any proposed agenda items, questions or suggested meeting improvements to ERCF@aemo.com.au



Notes:

- Blaine Miner (AEMO) spoke to the 'General Business and Next Steps' slide
- No questions or actions were noted

Appendix



ERCF Planned Release Summary

May 2023:

ICF ID	Description	Document Impacted
032	Child NMI standing data quality - TNI and DLF	<ul style="list-style-type: none">• System only change
047	Updating Network Tariff for a Greenfield NMI	<ul style="list-style-type: none">• System only change

* Please note that the above summary only contains ERCF initiated changes **which have been consulted on**, if required, and does not include:

- Items where consultations are still open
- Other initiatives such as MCPI, MSDR, GS, etc.





ERCF NMI Classification Subgroup Recommendations

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.	ACT, NSW, QLD	<40 MWh
		TAS	<40 MWh
		SA, VIC	<40 MWh
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.	ACT, NSW, QLD	>=40 MWh <100 MWh
		TAS	>=40 MWh <150 MWh
		SA, VIC	>=40 MWh <160 MWh
HIGH	Consumption is equal to or greater than the 'upper consumption threshold' as defined in the National Energy Retail Regulations.	ACT, NSW, QLD	>=100 MWh
		TAS	>=150 MWh
		SA, VIC	>=160 MWh

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
Generation and Retail			
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
DGENERATR	All	No	Yes
TIRS	All	Yes	Yes
DIRS	All	Yes	Yes
Other			
BULK	All	Yes	No
DWHOLSAL	All	Yes	No
EPROFILE	All	Yes	Yes
INTERCON	All	Yes	Yes
SAMPLE	All	Yes	Yes
WHOLSAL	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 10kVA/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
Generation and Retail				
SMALL	Customer with consumption below nominated threshold and generation $< 10\text{kVA}$ per phase	ACT, NSW, QLD	$< 100\text{ MWh}$	$< 10\text{kVA}$ per phase
		TAS	$< 150\text{ MWh}$	$< 10\text{kVA}$ per phase
		SA, VIC	$< 160\text{ MWh}$	$< 10\text{kVA}$ per phase
GSMALL	Customer with export consumption below nominated threshold AND unregistered and unclassified import generation below nominated threshold	ACT, NSW, QLD	$< 100\text{ MWh}$	$\geq 10\text{kVA}$ per phase
		TAS	$< 150\text{ MWh}$	$\geq 10\text{kVA}$ per phase
		SA, VIC	$< 160\text{ MWh}$	$\geq 10\text{kVA}$ per phase
LARGE	Customer with consumption above nominated threshold and generation $< 10\text{kVA}$ per phase	ACT, NSW, QLD	$\geq 100\text{ MWh}$	$< 10\text{kVA}$ per phase
		TAS	$\geq 150\text{ MWh}$	$< 10\text{kVA}$ per phase
		SA, VIC	$\geq 160\text{ MWh}$	$< 10\text{kVA}$ per phase
GLARGE	Customer with export consumption above nominated threshold AND unregistered and unclassified import generation above nominated threshold	ACT, NSW, QLD	$\geq 100\text{ MWh}$	$\geq 10\text{kVA}$ per phase
		TAS	$\geq 150\text{ MWh}$	$\geq 10\text{kVA}$ per phase
		SA, VIC	$\geq 160\text{ MWh}$	$\geq 10\text{kVA}$ per phase
EVCHARGE	Standalone Electric Vehicle (EV) Charging Stations (excluding non-standalone Electrical Vehicle chargers installed behind a customer's metering installation)	All	Any	Any

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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