



# ERCF Meeting

25 November 2021

# 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.<sup>2</sup>

# Agenda

No	Time	Agenda Item	Responsible
<b>Preliminary Matters</b>			
1	9:30am-9:40am	Welcome, AEMO Competition Law Meeting Protocol, Acknowledgement of country	Jordan Daly (AEMO)
2	9:40am-9:50am	Actions from previous meeting	Jordan Daly (AEMO)
<b>Matters for Noting</b>			
3	9:50am-9:55am	ICF Register	Jordan Daly (AEMO)
4	9:55am-10:00am	Market Change Stakeholder Survey Results	Jordan Daly (AEMO)
<b>Common Items</b>			
5	10:00am-10:30am	2021 Consultations Update (MSDR/MCPI, October REMP, 2022 REMP)	Jordan Daly (AEMO)
<b>MSATS Only Items</b>			
6	10:30am-10:45am	NMI Status (ICF_052)	Helen Vassos (PLUS ES)
	10:45am-10:55am	<b>BREAK</b>	
7	11:55am-11:10am	Clarifying when an embedded network code must be issued (ICF_055)	Dino Ou (Endeavour)
<b>Metrology &amp; Service Level Procedures Items</b>			
8	11:10am-11:25am	Clarification of End Date in Inventory Table (ICF_056)	Mark Riley (AGL)
<b>Other business</b>			
9	11:25am-11:35am	NREG Definitions	Mark Riley (AGL)
10	11:35am-11:40am	Transposed Meters	Christophe Bechia (Red/Lumo)
11	11:40am-11:45am	NCONUML GPS Location	Aakash Sembey (Origin)
12	11:45am-12:00pm	General questions, actions & next meeting (16 December 2021)	Jordan Daly (AEMO)

# Preliminary Matters

# AEMO Competition Law Meeting Protocol

Before we start this meeting, an important notice relating to *compliance with Competition Law*

We must not discuss, or reach or give effect to any agreement or understanding which relates to:

- Pricing
- Targeting (or not targeting) customers
- Tendering processes
- Sharing competitively sensitive information
- Breaching confidentiality obligations

Each entity must make an independent and unilateral decision about its commercial positions

*We acknowledge the Traditional Owners of country throughout Australia and recognise their continuing connection to land, waters and culture. We pay our respects to Elders past, present and emerging.*

# Closed actions from previous meetings

Item	Topic	Action	Responsible	Response
0930-03	ROCL	Review ROCL issues with administrators able to edit details of entries from other organisations.	Jordan Daly (AEMO)	Update was emailed about ROCL on 12/11. Participants can make changes but changes are not automatically updated for the wider audience to see. They need to be approved by AEMO before they are published. The approval is a manual process and IT team will work on automating this.
1021-01	EN Codes	AEMO to seek feedback on proposal from ENMs	Jordan Daly (AEMO)	Feedback tabled for discussion today.
1021-02	End Date Usage	AEMO to seek feedback on proposal from LNSPs	Jordan Daly (AEMO)	Feedback tabled for discussion today.
1021-03	NREG Definitions	AEMO to seek feedback on proposal from Metering	Jordan Daly (AEMO)	Feedback tabled for discussion today.

# Matters for Noting



# ICF Register

Jordan Daly, AEMO

ICFs being consulted on, on hold (waiting for confirmation of IT change roadmap) and for discussion today.

Consultation: CIP\_042, 045, 046, 048, 050, 053, Connection Configuration Clarification, WIGS Clarification.

The following ICFs are system changes and don't require consultation: ICF\_017, ICF\_032, CIP\_047. Their implementation date is currently TBD.

The following will be discussed in this meeting: ICF\_052, ICF\_055, ICF\_056, ICF\_057

# Common Items

# MSDR/MCPI scope for 1 May 2022

- RWG meeting on 19 November 2021 announced the delayed implementation of MSDR.
- Delivering the changes required for 1 May 2022 is high risk due to the complexity of solution architecture along with resource and environment contention
- In light of the prioritisation of delivering rule changes, there is a significant risk associated with the bundling of GS, MSDR, MCPI
- Therefore, AEMO has reviewed the scope for MSDR Version 1.
- AEMO had planned to deliver the following scope on 1 May 2022:
  - Changes to MSATs to reflect new and changed fields from MSDR
  - MCPI: Shared Isolation Point Flag
  - aseXML Schema changes
  - Blind Update Tool

- AEMO now will only deliver as follows:

1 May 2022	7 November 2022
MCPI: Shared Isolation Point Flag	New and amended MSDR fields
aseXML schema changes	Retired/deprecated fields
Blind Update Tool: Shared Isolation Point Flag	Scripts for data changes
	Blind Update Tool: Selected New Fields as per Data Transition Plan

- This defers the release of new and amended MSDR fields into MSATS Standing Data until **7 Nov 2022**
- AEMO will commence the NER minor amendment process on the commencement date change by 3 Dec 2021. Market participants will have 10 business days to provide feedback.

# Update Meter Information

- MSATS Standing Data Review (MSDR) is applying an agreed list of enumerations for the values for the following Metering Register attributes. The Model names are being shortened.

Data Element Name	CATS Table	Max length	Description
Manufacturer	CATS_METER_REGISTER	15	Field to identify the manufacturer of the installed meter. This field will be an enumerated list of values corresponding to current Meter Manufacturers in the industry with the options of UNMETERED and UNKNOWN.
Model	CATS_METER_REGISTER	12	Field to identify the meter model. This field will be an enumerated list of values corresponding to current Meter Models in the industry with the options of UNMETERED and UNKNOWN.

- A new *Enumerated List Form* ICF request type will support additions, modifications, and removals to these attributes.
- Process:
  - Complete an *Enumerated List Form* including the requested field(s) and value(s) to add/amend/remove.
  - Email the completed *Enumerated List Form* to [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au)
  - Upon receipt, AEMO shall notify the ERCF via the existing mailing list a summary of the changes.
  - Unless objected to, AEMO shall update the enumerations within 5 business days.
  - AEMO shall circulate to the ERCF a summary of changes for the period as part of the ERCF meeting packs.
  - A complete list of enumerations for Manufacturer and Model shall be published on the AEMO website.
- Recommendation that additions, amendments, and removals of other enumerations identified through the MSDR Phase 1 consultation will need to be made thorough the full ICF process.

# 2021 Consultations – October

## B2M Consultation

New version history table available [here](#)

Deliverable	Indicative date
Initial Notice	Friday, 8 October 2021
Submissions Close	Monday, 15 November 2021
Draft Determination	Monday, 6 December 2021
Submissions Close	Tuesday, 21 December 2021
Final Determination	Monday, 31 January 2022
Effective Date of Changes	Sunday, 1 May 2022

# 2021 Consultations – October B2M Consultation

Procedure	Type of change	Change proposal
B2B E-Hub Participant Accreditation and Revocation Process	Amendment	CIP_045 B2B Accreditation Procedure Clarification.
CATS	Amendment	CIP_050 - NREG and GENERATR NMI Classifications.
	Consolidation	Versions 4.93-5.0 to be consolidated.
WIGS	Amendment	WIGS Clarification
	Consolidation	Versions 4.93-5.0 to be consolidated.
Meter Data File Format Specification NEM12 & NEM13	Amendment	CIP_042 - Reason Codes.
	Consolidation	Versions 1.07-2.4 to be consolidated
Metrology Procedure Part A	Amendment	CIP_046 - Clarification of Metrology Part A Clause 12.5. CIP_048 - Reference to AS60044.
	Consolidation	Versions 7.1-7.31 to be consolidated.
MSATS Procedures: MDM Procedures	Consolidation	Versions 4.11-4.2 to be consolidated.
NEM RoLR Processes Part A and Part B	Consolidation	Versions 2.0-2.2 to be consolidated.
Retail Electricity Market Procedures – Glossary and Framework	Consolidation	Versions 3.4-3.4.1 to be consolidated.
Standing Data for MSATS	Amendment	CIP_049 - Controlled Load Enumerations. CIP_053 - GPS Coordinates Minimum Requirements. Connection configuration clarifications.
	Consolidation	Versions 4.51-5.0 to be consolidated.

# 2022 Consultation – Access, pricing and incentive arrangements for DER

- Rule change completed in August 2021, effective 1 July 2022.
- <https://www.aemc.gov.au/rule-changes/access-pricing-and-incentive-arrangements-distributed-energy-resources>
- Chapter 7 and 10 changes – minimal impact
- May bundle the DER consultation with other changes
- Other ICFs and other impacts?

Type	Date
Initial Notice	Monday, 31 January 2022
Submissions Close	Tuesday, 8 March 2022
Draft Determination	Tuesday, 29 March 2022
Submissions Close	Wednesday, 13 April 2022
Publish Final Determination	Monday, 23 May 2022

# MSATS Only Items



# NMI status focus group update (CIP\_052)

- Survey feedback was shared in the October meeting
- The proposal and survey results were discussed on 9 November 2021 subgroup meeting

## Outcomes:

- MCs to collect and provide examples of NMIs erroneously on or off supply to LNSPs between now and 11 January 2022. This will allow an assessment of the scope and volume of the issue, as well as providing specific examples of scenarios for further analysis.
- NMIs reported as off-supply should be reported by MCs to DBs. From that point onwards, DBs are responsible for investigation and resolution. If there are cases where resolution is not provided, these cases can be further discussed. For example, if the status is updated, or fault fixed in a timely manner.
- The subgroup will then reconvene to discuss these cases.

# Break

Return in 10 minutes

# ICF\_055 Embedded Network Code

Dino Ou (Endeavour)

- The CATS clauses regarding EN Codes have two interpretations:
  - They are only applicable when the Distributor approves the parent connection point for a greenfield embedded network application or approves an existing market connection point to be a parent connection point for a brownfield embedded network application
  - They are applicable regardless of the Distributor's embedded network application process
- Endeavour believes the first should apply:

MSATS requires each embedded network to be given a name, which is to be a code of up to 10 characters. [Section 4.18 is only applicable when the LNSP has approved the parent connection point for the embedded network.](#)

- CATS has had its paragraphs updated, so AEMO recommends taking this to a CIP and amending the above sentence and including it in clauses 2.3 (r) and 4.11 (b) (iv)

# ICF\_055 Embedded Network Code

Survey Results: 5 responses, 2 have no issue with the change. Feedback from the others below:

- Legacy sites (EG: a caravan park with permanent residents) may require an embedded network by virtue of historical on-selling activity but these may have license exemptions in place and would have been established before EN requirements were codified. For a Distributor to not provide retrospective approval (and EN Codes) for these sites will mean they have no mechanism to remain compliant. It would be highly unfair to put any Embedded Network Operators into such an irreconcilable position where they cannot legally supply electricity to Permanent Caravan Park residents or other long-term off-market customers.
- 'Under Section 5A of the NER, no further approvals are required from LNSPs for a connection unless there is a change to the physical connection.'... 'It is the role of the AER (and [ESC]) to approve embedded network operations. The LNSPs have no role to play enforcing the[se] exemption requirements. LNSPs have no authority to approve or refuse embedded networks. There are no rules or regulations about when such approvals should be forthcoming or when and why such approvals maybe refused.'

# ICF\_055 Embedded Network Code

- 'This has the potential to extend the period of time that a customer may be delayed in accessing retail competition. . . Disadvantag[ing] customers'. 'The purpose of the Embedded Network Code (ENC) is to identify an Embedded Network, not to identify a "compliant" Embedded Network'. 'A connection point ... has previously been approved by the Distributor and so there is no need to re-approve the connection in the case of existing brownfield/legacy embedded network.'
- 'Any assessment they are entitled or require to have to approve embedded networks from the perspective of ensuring technical compliance should be associated with the process of connection of services during build phase of a greenfield site or brownfield conversion through establishment of supply to a new gate meter. There is no need for this to be linked to the issuance of an EN code for the purpose executing ENM activities.'

# Metrology & Service Level Procedures Items

# ICF\_056 Clarification of End Date in Inventory Table.

- Some MDPs are using the NCONUML Inventory Table End Date to identify:
  - When the Device is retired or abolished
  - Others are using the End Date to identify when the metering data is last calculated to, which means that the end-date is updated every month.
- AGL therefore proposes that
  - The usage of both the Start Date and End Date be clarified in the Metrology Procedure for market consistency to be the date when the device is energised and the date when the device has a change in consumption or abolished. If there is no change to the consumption or the NMI is still active, the End Date should be reflected as 31.12.9999; and
  - That a comments field be included to be used where there is some change to the record.

# ICF\_056 Clarification of End Date in Inventory Table.

AEMO collected further feedback based on their support of the proposal as well as how they currently interpret start and end dates. We received 4 responses, one of which was in favour of the proposal (UE). Comments included:

- 'Any clarification should be made to ensure that the inventory table provided each month is for the purpose of support that month's meter data only (all dates should be related to that month only, not dates prior or post the month).' (SAPN)
- '[The Start date] field is used to show when the device started to consume energy each month (related to that month's data). If the device was active prior to the start of the month, then the first day of the month would be provided. If the device was only connected during the month, then the date of connection would be provided ... [the] current clause implies the date has a direct relationship to the period that data is provided (i.e. the month of June if providing data monthly)' (SAPN)
- '[The End date is] the datetime the UMS device is removed/abolished or ended when a new date effective record is created due to load change. If the record is still in use, the Effective End Date is left blank.' (Tasnetworks)



# ICF\_056 Clarification of End Date in Inventory Table.

- Evoenergy suggested new wording:

Effective start date	Effective end date
<p>the start day to include that record in the Inventory Table for calculation of metering data for that NMI, which may be;</p> <ul style="list-style-type: none"><li>• the connection date, or</li><li>• a change in load (W), or</li><li>• quantity values.</li></ul>	<p>the last day to include that record in the Inventory Table for calculation of metering data for that NMI, which may be;</p> <ul style="list-style-type: none"><li>• the date abolished, or</li><li>• a change in load (W), or</li><li>• quantity values.</li></ul>

# Other Business

Jordan Daly, AEMO

# Other Business – NREG Definitions

David Ripper, AEMO

- Mark Riley (AGL) noted that the NMI classifications for non-registered generation do not consider the connection of small loads for consumption at the same point as a large non-registered generation asset.
- In this case, the 'Small' customer definition is still applicable, even if they're generating more than they're consuming.
- 'NREG' refers to stand-alone generation only. A combination of load and generation isn't necessarily a stand-alone generator. Any consumption at an NREG is considered an auxiliary load.
- The concept of 'small' and 'large' is dependent on rules & retailers (EG: domestic premises with a large solar array intended to be a commercial enterprise could be classified as a residential or business customer under the NERR - customer classification, not NMI classification). Please refer to NERR 8.1
- The above scenario raised by Mark has been noted for consideration as part of the Energy Storage Systems Procedure changes.

# Other Business – Transposed Meters

Christophe Bechia, Red/Lumo

- Crossed meters (transposed, or crossed wiring) can occur due to a variety of reasons
- Often LNSPs advise that the NMI/meter were correct but the address is wrong - and then proceed to update the site address in MSATS. This leads to retailers having the customer signed up to the wrong address, and in turn becoming responsible for an address for which we have no customer (and no knowledge of the responsible retailer).
- Networks will sometimes keep the address and NMI linked, and just update the meter number. This is preferable for retailers as they can retain the customer and NMI/Address linked as intended. All they need to do as a retailer is obtain the reads/consumption for the correct meter, which can then be difficult.

Actions:

- Nominations for a subgroup to discuss this issue and map out scenarios.
- The subgroup will map out the issue and discuss end-to-end solutions.
- If appropriate, these mapped solutions may be included in an ERCF or B2B document.

# Other Business – NCONUML GPS Location

Aakash Sembey, Origin Energy

- Metering Coordinators and Retailers are required to know where these unmetered loads are installed in the network in order to perform their obligations regarding supplies / outages and customer queries. Also, as a part of sample testing, there are requirements for Type 7 to ensure the geographic location is provided.
- Origin therefore proposes that:
  - GPS Lat and Long requirements for NCONUML sites to follow the same rules as remotely read meters (i.e., For NMIs with remotely read meters: MANDATORY for new NMIs established from the effective date of these Procedures and all NMIs when they have a physical field site visit, REQUIRED for all other NMIs.
  - GPS minimum number of characters (CHAR) to align with recent ICF (CIP\_053) of 5 to a maximum of 7 characters (CHAR).

Actions:

- AEMO to review the ICF and to confirm it can be implemented with MSDR

# Other Business – RPERR3 Report

Dino Ou, Endeavour Energy

RPERR3 – Responsible Person Participant ID Error

The RP Participant ID within MSATS has been identified as possible incorrect based on the RP AND LNSP relationship for the connection point AND other than the following metering installation type codes: BASIC, MRIM, UMCP. Please investigate AND arrange for MSATS to be amended with the correct Participant ID relationship(s) for the connection point(s).

Since 1 October 2021, when the CR1xxx objections for the MC nomination was removed, the number of NMIs appearing in the RPERR3 report has increased significantly. Since the RPERR3 report is assigned to the current MC, the incorrectly nominated MC has to request another party (either the FRMP or the correct MC) to make the correction (MSATS does not allow the current MC to nominate another party to be the MC for a NMI). This request to correct the MC role is done manually and via email.

# Other Business – Meeting admin

- Actions
- General Questions?
- Future meeting dates are in the Stakeholder Meetings calendar on AEMO's website at <https://aemo.com.au/consultations/industry-forums-and-working-groups/calendar>.
- Meeting packs & notes available at <https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/electricity-retail-consultative-forum>
- ICFs, CIPs and papers due 2 December 2021
- Next meeting 16 December 2021
- We now require position titles and mobile numbers for additions to our CRM.