

# B2B Working Group Meeting 07

12 July 2022



# Online forum housekeeping

1. Please mute your microphone, this helps with audio quality as background noises distract from the information being shared.
2. Having your video 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 [B2BWG@aemo.com.au](mailto:B2BWG@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.

# 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 regarding proposed reforms or other initiatives, all participants agree to adhere to the CCA at all times and to comply with this Protocol. Participants must arrange for their representatives to be briefed on competition law risks and obligations.
- Participants in AEMO discussions must:
  - Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
  - Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
  - Immediately and clearly raise an objection with AEMO or the Chair of the meeting if a matter is discussed that the participant is concerned may give rise to competition law risks or a breach of this Protocol
- Participants in AEMO meetings must not discuss or agree on the following topics:
  - Which customers they will supply or market to
  - The price or other terms at which Participants will supply
  - Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
  - Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
  - Refusing to supply a person or company access to any products, services or inputs they require

Under no circumstances must Participants share Competitively Sensitive Information. Competitively Sensitive Information means confidential information relating to a Participant which if disclosed to a competitor could affect its current or future commercial strategies, such as pricing information, customer terms and conditions, supply terms and conditions, sales, marketing or procurement strategies, product development, margins, costs, capacity or production planning.

# Agenda

1. Introduce new B2B WG Member
2. Actions Log
3. B2M Update
4. IEC ICFs - Current and Emerging
5. Update on IESS
6. B2B WG Members Distribution List
7. B2B Guide update
8. Other Business
9. Appendix



# Actions Log

Blaine Miner (AEMO)

# Closed Actions

Action	Description	Responsible	Outcome
1005-04	Provide advice related to why life support information was deemed to be customer data	Blaine Miner (AEMO)	Response to be provides via the CDR Workshops
1005-09	Finalise B2B Guide survey questions for sending to wider participants following completion of period for consultation 3.8 draft report	Nandu Datar (AEMO)	Survey questions finalised. Create survey for wider participants 02/07 - Survey created
1406-01	Update Origin's ICF on Alignment of B2B field lengths to B2M	Mark Riley (AGL)	14/06 – ICF Updated
1406-05	Review the B2B guide survey outline before it is released	Mark Riley (AGL)	Review completed
1406-06	Trail the survey for feedback with B2B WG members	Nandu Datar (AEMO)	Trial completed

# Open Actions

Action	Description	Responsible	Due Date	Update
0803-01	Improve the B2B Guide	B2B-WG	On going	
0803-06	B2B WG members to check with their internal stakeholders and provide feedback on whether to progress the ICF for Update OWN to include NCOMUML inventory files	B2B WG	11-Apr-22	12/04 - Mark Riley (AGL) noted that this could be put on hold pending additional work to be completed for the ERCF
2303-01	The Initial high-level assessment for B2B procedures is required by 31 May 2022.	B2B WG	31-May-22	To be progressed at the Aug meeting
1005-01	Alignment between aseXML schema and the Australian standard. (This replaces action item 0803-11)	B2B-WG	On going	
1005-02	Support ICFs for character length for Hazard description and gap in NEM RoLR process (from actions 1204-04 and 1204-05)	B2B WG	Next B2B-WG meeting	02/06 – Draft ICFs received
1005-05	Consider the potential impact of flexible trading arrangement and the ability for an IRP to raise a metering related service order	B2B-WG	Next B2B-WG meeting	To be considered as part of 2303-01
1005-06	Organise an out of session meeting to finalise the HLIA of IESS on B2B	AEMO	TBC	To be considered as part of 2303-01
1005-10	Consider pros/cons of the proposal to combine all B2B procedures into one procedure	B2B-WG	14-Jun-22	This item included in the survey for B2B Guide
1406-02	Consider the implications of the proposed changes from ICF for Alignment of field lengths on their organisations	B2B WG	ASAP	
1406-03	Review the amended clause in the RoLR procedure and provide feedback	B2B WG	Next B2B WG meeting	
1406-04	Take the feedback regarding RoLR communication for AEMO internal consideration	Meghan Bibby (AEMO)	TBA	
1406-07	Incorporate feedback from trial with B2B WG members into survey before sending to wider participants	Nandu Datar (AEMO)	30-Jun-22	



# B2M Update

Blaine Miner (AEMO)



# B2M Update

(Provided for B2BWG visibility, questions and consideration)

Forum/Consultation	Description	Update
ERCF	Primary B2M change channel where interested parties can collaboratively participate in the enhancement of the Retail Electricity Market Procedures Framework	14 Open ICFs, with 5 associated subgroups (refer to the Appendix)
Consumer Data Rights (CDR)	The Consumer Data Right (CDR) for Energy will enable consumers to authorise third parties i.e. FRMPs to access their energy data, up to 2yrs in the same account holder at the NMI. This will empower consumers to more easily share their data to get a better deal on a range of energy products and services.	Second workshop scheduled for Tuesday 12 July 2022 <ul style="list-style-type: none"> <li>• Draft Report to be published Friday 29 July 2022</li> <li>• Submissions close Monday 22 August 2022 (extra week provided to Stakeholders)</li> <li>• Final Report published Monday 3 October 2022</li> </ul>
Stand-alone Power Systems (SAPS)	<ul style="list-style-type: none"> <li>• Initially, AEMO must determine the appropriate IT design options to support the SAPS Framework, with a focus on the appropriate way to identify in MSATS that a NMI is connected to a SAPS. For this purpose, AEMO identified three options in the Issues Paper.</li> <li>• Subsequently, AEMO would need to consult on changes to a number of AEMO Retail Electricity Market and Settlement procedures.</li> </ul>	Second workshop scheduled for Tuesday 2 August 2022
Integrated Energy Storage Systems (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.	IESS to re-engage with the B2B WG at the August 2022 meeting
MSATS Standing Data Review	48 new and amended MSATS fields: <ul style="list-style-type: none"> <li>• 21 NMI Data Table fields (7 new fields, 14 amended fields)</li> <li>• 24 Meter Register Table fields (15 new fields, 9 amended fields)</li> <li>• 3 Register Identifier Table fields (3 amended fields)</li> </ul>	MSDR Data Transition Plan Version 1.0 now finalised, associated planning and scheduling now underway

# IEC ICFs – Current and emerging

B2B WG

# New Proposed IEC ICFs

Title	Proponent	Next Step
Alignment of B2B field lengths to B2M Procedures/schema	Aakash Sembey (Origin Energy)	B2B WG to consider the implications of these proposed changes on their organisations
B2B RoLR Procedure Updates	Aakash Sembey (Origin Energy)	B2B WG to review the amended clause in the RoLR procedure and provide feedback



# Update on IESS

Blaine Miner

# Update on IESS

- Context:
  - The IEC/B2B WG needs to consider the potential impacts of the implementation of the IESS Rule on the B2B Procedures
  - Indicative timings for the B2M consultation is currently Q3/4 2022
- Next Step:
  - B2B WG to consider what information it requires to assess the potential impacts of the IESS Rule
  - B2B WG to consider the potential impacts to B2B Procedures/artifacts in preparation for the Aug monthly meeting
    - IESS impact assessment to form part of the Aug B2B WG monthly meeting



# B2B WG Members Distribution List

Nandu Datar

# B2B WG Members Distribution List

- Context:
  - Relevance of non-personal emails on B2B WG members distribution list
- Details:
  - B2B Working Group Members (CRM) list contains the following non-personal emails
    - DL AEMO USER GROUP
    - Industry Ops AGL
  - Should these emails remain on the distribution list?



# B2B Guide Survey (Update)

Nandu Datar

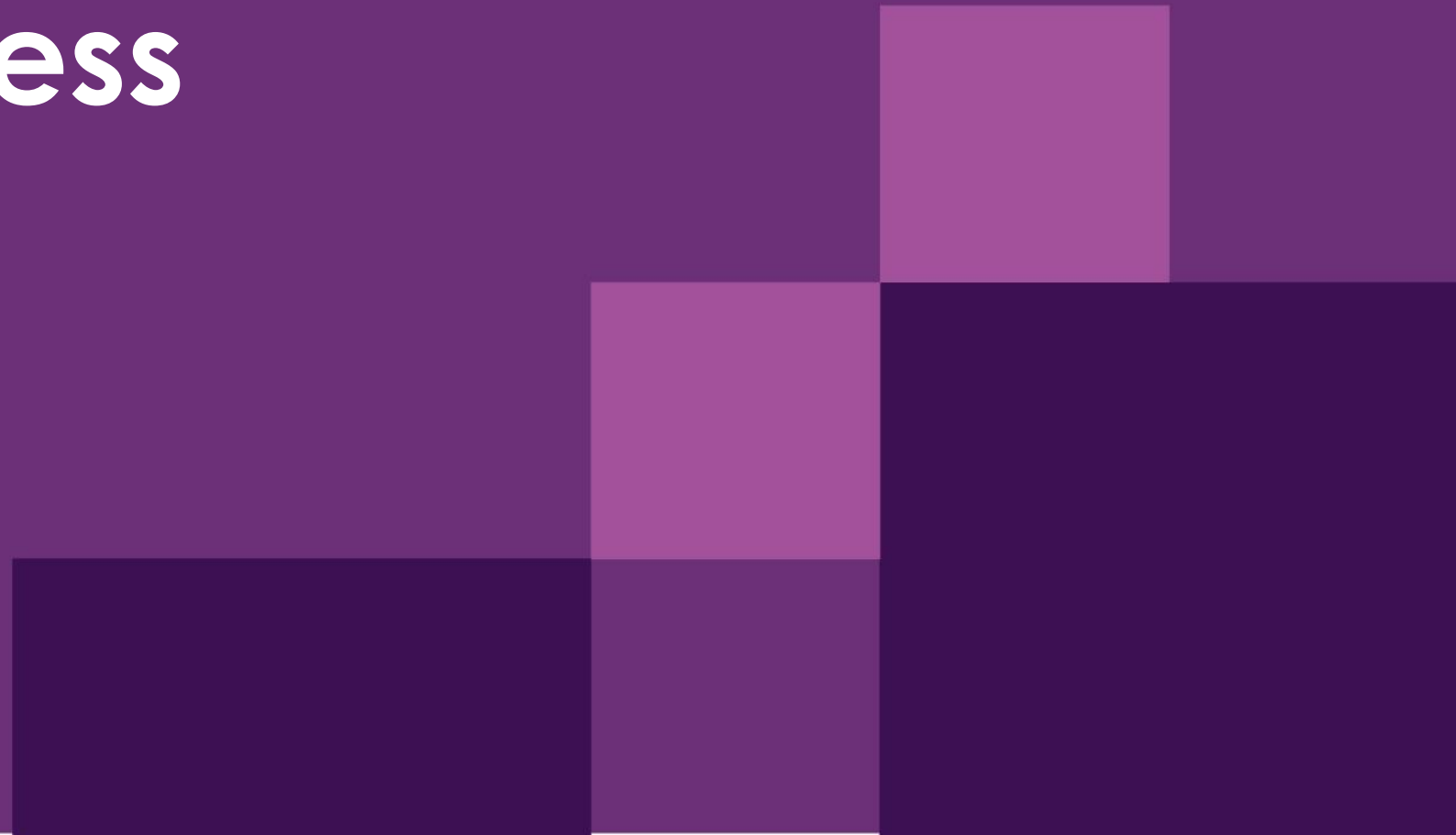


# B2B Guide Survey (Update)

- Context:
  - Wider participants requested to respond to survey for improving the B2B Guide
- Update:
  - Initially B2B WG members were requested to respond to the survey
    - 12 responses were received
  - Survey sent to wider participants on 7 July 2022, responses close 20 July 2022
- Next Step:
  - Analyse survey responses to determine next steps
    - Analyse to form part of the Aug B2B WG monthly meeting

# Other Business

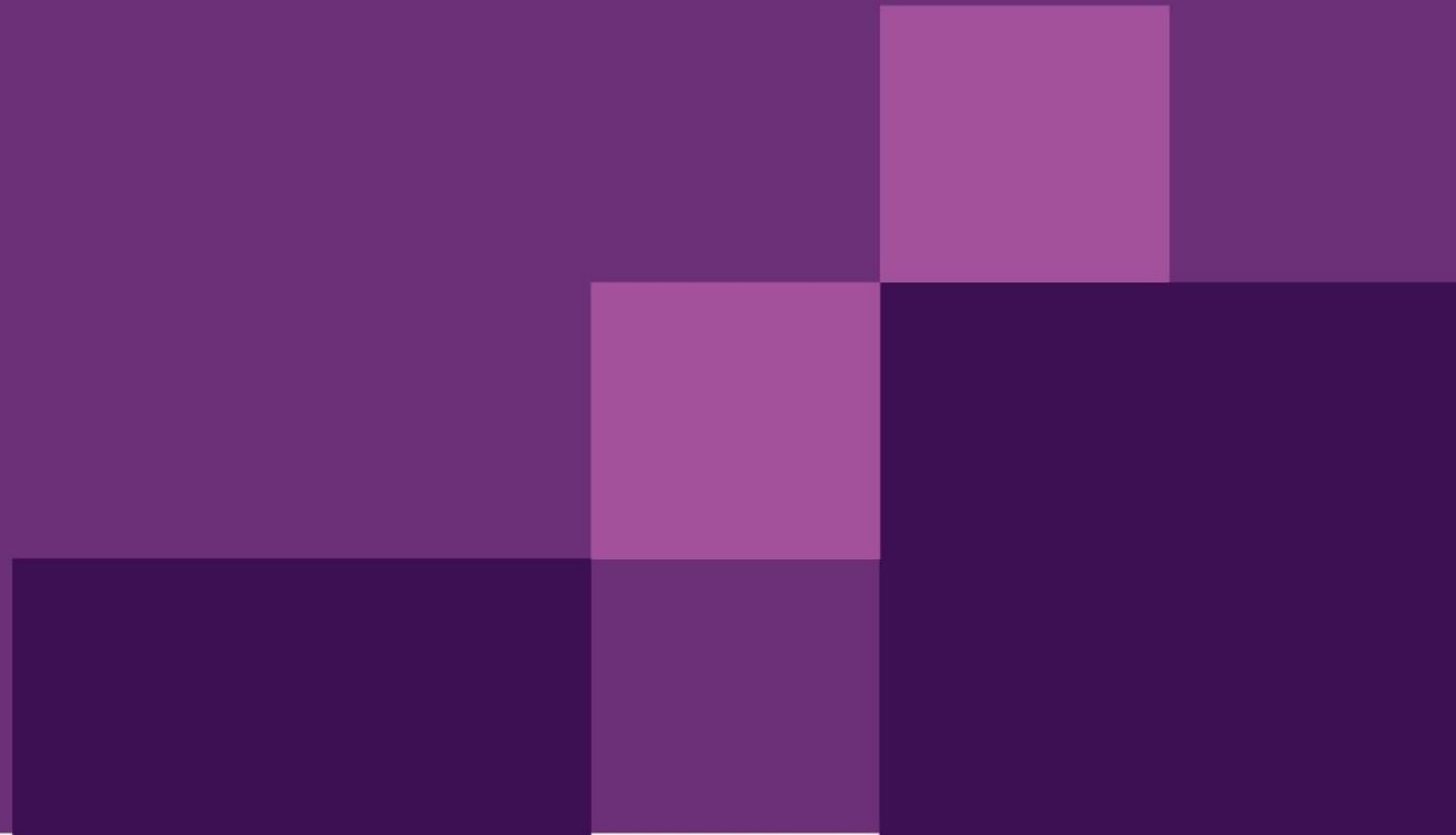
Blaine Miner (AEMO)



# Other Business

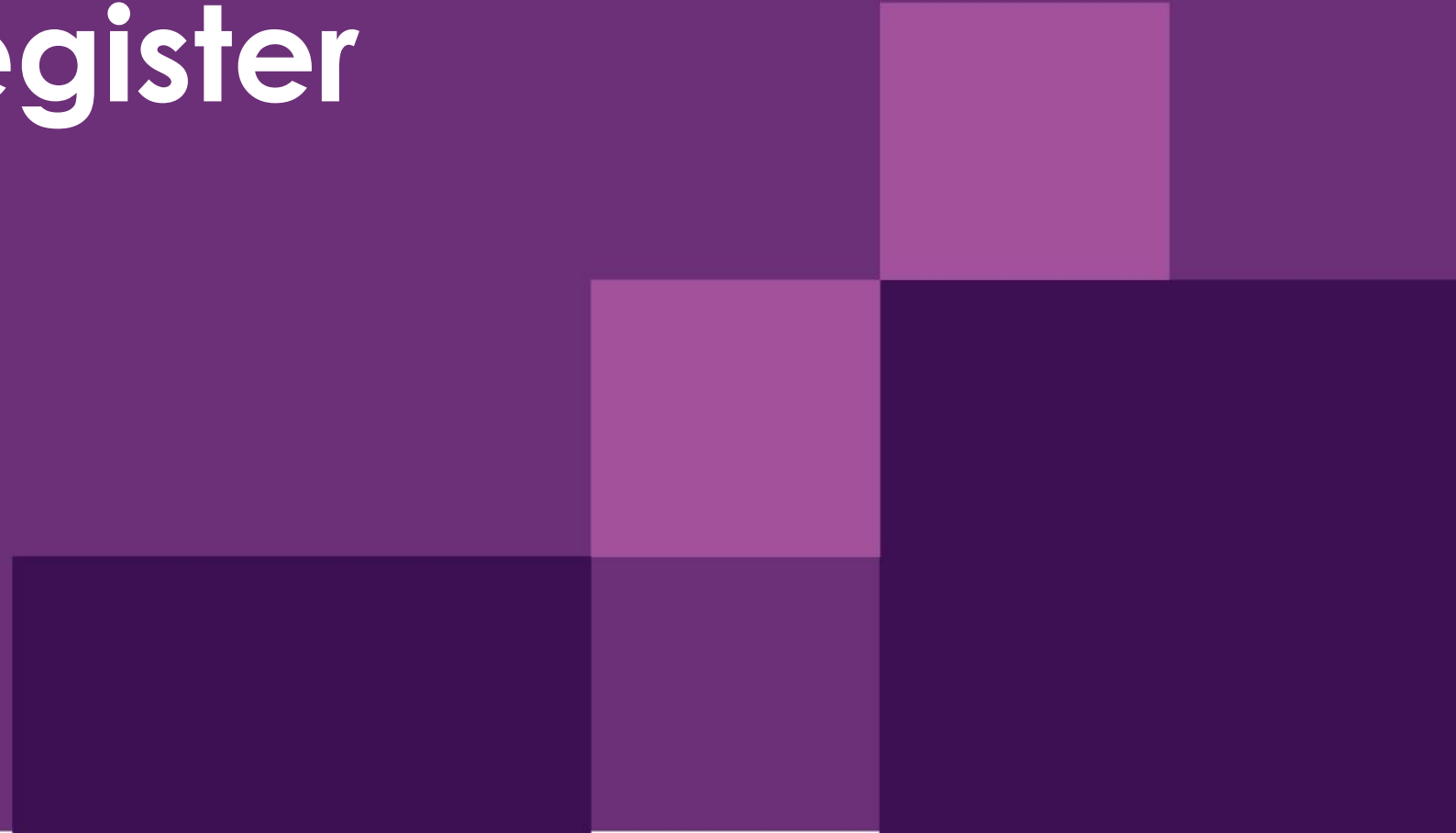
- Next monthly meeting scheduled for Tues 9 August 2022
  - Any proposed agenda items?

# Appendix





# ERCF ICF Register



# 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 TCD.
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@energyintel.com.au	032	Scheduled for the May 2023 release.

# ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
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.
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	Subgroup last met on 4 May 2022. PlusES coordinating the establishment of high-level process flows.
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	'Substitution Type review' workshop being considered by AEMO
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	AEMO proposed solution provided to proponent for their consideration

# ICF Register Update

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
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 last met on 6 April 2022. Next steps being considered by the proponent.
NCONUML GPS Location	Some customers cannot confirm ownership of or locate unmetered assets. Proposal is to introduce 7-decimal point GPS obligations for NCONUML meters. M for Greenfield, R for Brownfield sites, which would also help with sample testing.	Aakash Sembey (Origin)	057	Subgroup to be closed, unless issue solution can be identified for new NCONUMLs by Aakash and Mark.
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	Next steps being considered by the proponent.
'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	Subgroup met with AEMO on Friday 6 May. AEMO to provide subgroup methodology data. Methodology likely to be implemented May 2023.



# ICF Register Update

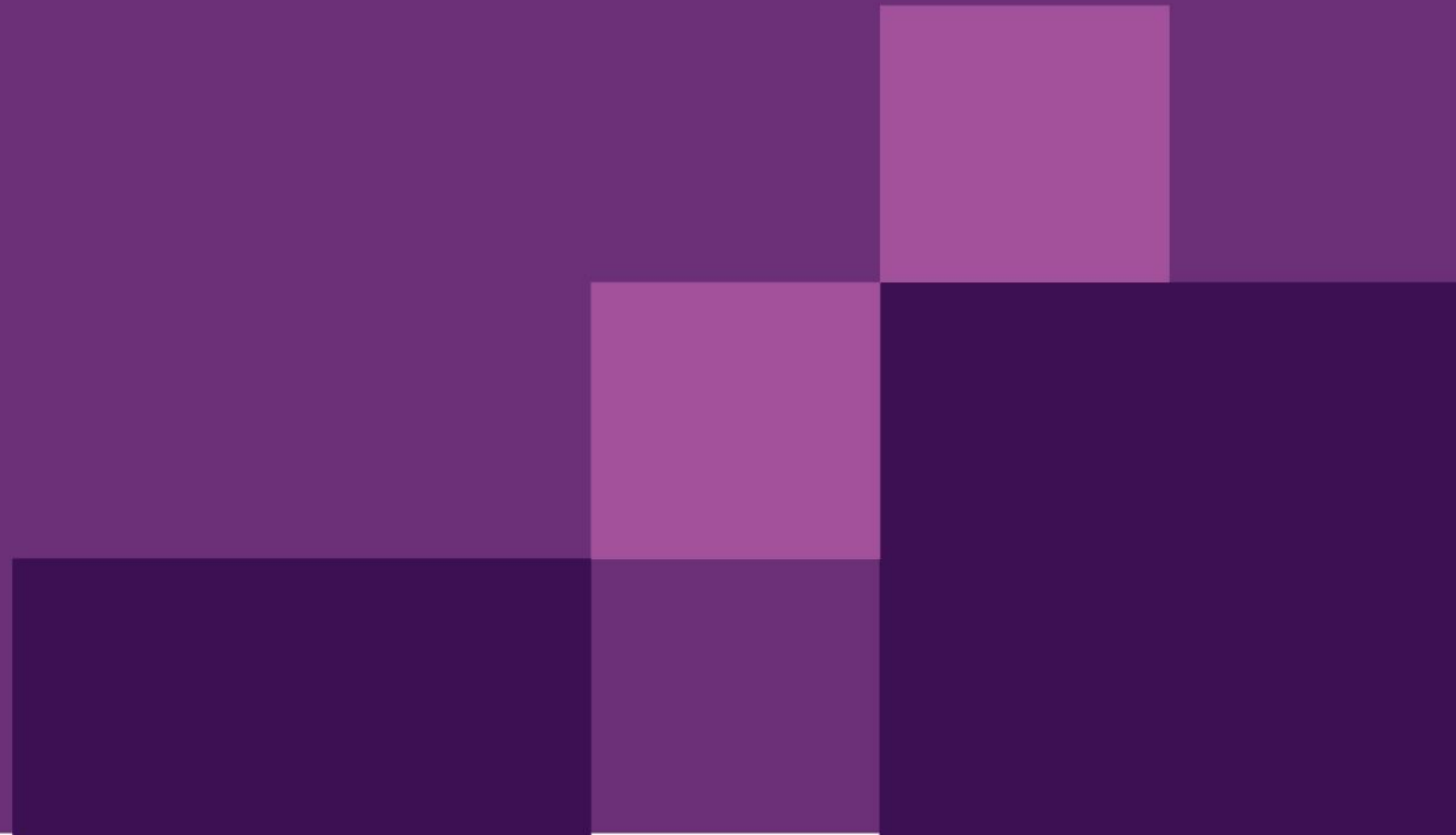
Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
<p>Incorrect 'Meter Manufacturer' and 'Meter Model' obligations associated to CR305x transactions in CATS Procedures v5.3</p>	<p>From 7 Nov 2022, 'Meter Manufacturer' and 'Meter Model' will become Mandatory fields in MSATS. An issue has been identified in the application of this obligation associated to situations where a new MPB needs to remove a meter from MSATS where these fields have not been previously populated.</p> <p>CATS Procedures v5.3, effective date 7 Nov 2022, states that for CR3004/5 transactions that 'Meter Manufacturer' and 'Meter Model' <b>are only required when the status code is 'C'</b> (Current), however, this is not stated for CR305x transactions, the procedure currently states that these fields must always be supplied, even for a removal.</p> <p>AEMO is recommending for this misalignment to be fixed as part of the next REMP consultation.</p>	<p>Jackie Krizmanic (AEMO)</p>	<p>061</p>	<p>Included in the CDR Consultation</p>
<p>GPS Coordinates Value where no GPS coverage is available at the metering installation.</p>	<p>PLUS ES proposes the following to mitigate unnecessary handling of GPS Coordinates.</p> <ul style="list-style-type: none"> <li>• All MPBs must use a specific value which will indicate to the industry that GPS coverage was not available at the metering installation</li> <li>• The proposed value is 0.00000 (5-7 decimal places) to align with the format specified in the NMI Standing Data Procedure.</li> <li>• GPSCoordinatesLat, GPSCoordinatesLong field description to be updated in the NMI Standing Data Procedure to reflect the proposed value and prerequisite for its use.</li> </ul>	<p>Helen Vassos (PLUS ES)</p>	<p>062</p>	<p>Included in the CDR Consultation</p>
<p>Additional Transformer Valid Values</p>	<p>There are several values missing from the transformer enumerated field lists in the "STANDING DATA FOR MSATS V5.2" document. Some are common values which will impact most metering participants, e.g., CT Ratio (Connected) = 3000:5</p>	<p>Steven Thomson (Intellihub)</p>	<p>063</p>	<p>Included in the CDR Consultation</p>

# New Proposed ICF

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>If endorsed, likely implementation would be May 2023</p>



# CDR Consultation Inclusions



# CDR Consultation Inclusions

Item	Short Description
The addition of a “Last Consumer Change Date” field to MSATs	Treasury has requested AEMO to introduce a new data field to indicate when a National Metering Identifier (NMI) has changed account holder. This would enable AEMO to release sufficient metering data to meet use cases in circumstances where a consumer has changed retailers during the period for which they wish to share their metering data with an accredited third party. The introduction of such a field would ensure that when sharing of a consumer’s energy data occurs following authentication by the consumer’s current retailer, metering data is provided for the time that the CDR consumer was associated with the NMI. Without information about when a NMI has changed customer, AEMO can only release metering data from the time that the CDR consumer’s current retailer can verify they are associated with the NMI.
Change of enumerations to Uppercase	For the enumerations lists in the procedures, values such as ‘Sample Tested’, to be changed from mixed case to uppercase to improve implementation and validation for both AEMO and Industry.
Removal of bracketed values in Voltage Transformer Type enumerations	For the Voltage Transformer Type enumerations, to remove descriptions where they exist in brackets e.g. ‘CVT (Capacitive Voltage Transformer)’ to ‘CVT’.
Removal of spaces in ‘Ratio’ enumerations	Where Ratio enumerations exist, remove spaces between characters e.g. ‘3300 : 110’ to ‘3300:110’
“Valid Meter Use Codes” character lengths	In the CATS_METER_REGISTER table, “Valid Meter Use Codes” has a character length of 10. The enumerated values for these field cannot support words with more characters than this. e.g. for ‘Use’, INFORMATION can not be supported as it is one character longer than the field length. The enumerations for the ‘Use’ field values of ‘INFORMATION’ and ‘STATISICAL’ are to be truncated to ‘STATIS’ and ‘INFORM’ to fit within the 10 character limit.
Treatment of Special characters	There are instances where special characters exist in data which are not valid XML, resulting in a rejection by MSATS. Some other special characters, for example accents, are allowed via batch and API but are blocked by web screens; for example, Café - is blocked via web entry, but is allowed via Batch/API and in some instances are causing replication of data.
Correction of GPS GPSCoordinates format	In the CATS_Meter_Register- Browser Cross Reference, the correction of GPS GPSCoordinates format implemented in the r42 schema to be reflected in the Standing Data for MSATs document
Alignment of truncated values	In table 4 CATS_Meter_Register – Browser Cross Reference, the CurrentTransformerRatioAvailable and CurrentTransformerRatioConnected have their element names truncated in the aseXML which requires to be reflected in the Standing Data for MSATs document
Correction of VoltageTransformerTest aseXML path	In table 4 CATS_Meter_Register – Browser Cross Reference, the VoltageTransformerTest aseXML path to be corrected to ElectricityMeter/VoltageTransformerTest
Correction of ‘Meter Manufacturer’ and ‘Meter Model’ obligations	CiP_061 Incorrect ‘Meter Manufacturer’ and ‘Meter Model’ obligations associated to CR305x transactions in CATS Procedures v5.3



For more information visit

[aemo.com.au](http://aemo.com.au)