



# ERCF Meeting 9

22 October 2020

# 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 notekeeping and keeps discussions flowing smoothly.
4. If you have dialled in via phone, could you please email [Jordan.Daly@aemo.com.au](mailto:Jordan.Daly@aemo.com.au) your name and organisation for our records.
5. Be respectful of all participants and the process.

# Agenda

No	Time	Agenda Item	Responsible
<b>Preliminary Matters</b>			
1	1:30pm-1:35pm	Welcome, agenda items, AEMO Competition Law Meeting Protocol, Acknowledgement of country	Meghan Bibby (AEMO)
2	1:35pm-1:45pm	Actions from previous meeting	Meghan Bibby (AEMO)
<b>Matters for Noting</b>			
3	1:45pm-1:50pm	2020 Consultation Timeframes & MSDR update	Meghan Bibby (AEMO)
4	1:50pm-2:05pm	NEMWeb Portal Reskin	Mai Huynh (AEMO)
5	2:05pm-2:20pm	Digital Certificate Replacement Program	Travis Kane (AEMO)
<b>Common Items</b>			
6	2:20pm-2:25pm	ICF Register & 2021 Prioritisation	Jordan Daly (AEMO)
<b>MSATS Only Items</b>			
7	2:25pm-2:30pm	Network Tariff Code	Dino Ou (Endeavour)
<b>2:30pm-2:45pm BREAK</b>			
<b>Metrology &amp; Service Level Procedures Items</b>			
8	2:45pm-3:00pm	CIP_M001: Process to detect energy data	Dino Ou (Endeavour)
9	3:00pm-3:20pm	AEMC Competition in Metering Review	Alissa Toomey, Ed Chan (AEMC)
10	3:20pm-3:30pm	CIP_023: Process when remote collection of metering data fails	Dino Ou (Endeavour)
11	3:30pm-3:40pm	CIP_030: Configuration of data channels and meter data obligations.	Helen Vassos (PLUS ES)
12	3:40pm-3:50pm	CIP_032: SDQ Error	Kiran Balaraman (Energy Intelligence)
13	3:50pm-4:00pm	ICF_036: Meter Data Loss	Shaun Cupitt (Alinta), Mark Riley (AGL)
14	4:00pm-4:10pm	ICF_037: Redefine Connection Configuration	Dino Ou (Endeavour)
<b>Other business</b>			
14	4:10pm – 4:30pm	General questions, actions & next meeting (10 December)	Meghan Bibby (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
1108-01	Metering Package ICF Consultation	Proposed wording of ICF_028 to be provided by submissions to the consultation to ensure clarity	Jordan Daly (AEMO)	Wording reflected in Draft Report.
1108-02	Network Tariff Code	Focus group to define and outwork a proposal to address NTC issues. Focus group to ensure there's a clear understanding of each networks' process. Group to circulate a survey across networks to get indication of what proportion of jobs are facing these errors.	Dino Ou (Endeavour), Jane Hutson (EQ), Mark Riley (AGL), Adrian Honey (TasNetworks), Robert Lo Guidice (Intellihub), David Woods (SAPN), Laura Peirano (UE), Wayne Turner (Metering Dynamics), Paul Greenwood (VectorAMS) and Shaun Cupitt (Alinta)	Issues could not be clearly defined. NTC proposal not to proceed in current form.
1108-03	CIP_M001: Process to detect energy data	Focus group to discuss CIP_M001 and determine changes and obligations. Focus group to consider NER requirements and specific cases.	Dino Ou (Endeavour), Mark Riley (AGL), Shaun Cupitt (Alinta), Helen Vassos (PLUS ES), David Woods (SAPN), Noura Elhawary (AEMO) and Daniel Hoolihan (EQL).	Updated CIP circulated to ERCF for discussion and progressed to consultation.
1108-04	ICF_023: Process when remote collecting of metering data fails	Existing focus group to outwork what next steps need to be taken and propose which clauses need to be updated regarding ICF_023 as well as fielding comments regarding the bullet points provided with the meeting pack.	Existing focus group	ICF_023 updated & circulated for comment.

# Closed actions from previous meetings

Item	Topic	Action	Responsible	Response
1108-05	ICF_030: Configuration of data channels and meter data obligations	ICF to be progressed to a CIP. Phrasing with Metering to be discussed.	Helen Vassos (PLUS ES)	Phrasing discussed with AEMO. CIP submitted ahead of ERCF.
1108-06	ICF_032: SDQ Error	ICF_032 to be progressed to a CIP with assistance from AEMO	Kiran Balaraman (EI)	Submitted.
1108-07	ICF_033: ADL NEM 12 UMS Decimal Places	ICF_033 to be circulated with meeting notes.	Jordan Daly (AEMO)	Completed.
1108-08	ICF_033: ADL NEM 12 UMS Decimal Places	Information to be requested from distributors via email. Participants' thoughts to be collated via email over the next few weeks. In particular, the magnitude of this issue to be ascertained in order to perform cost-benefit analysis. Networks to find small loads of ~5-40W and what from those would go into a NEM12 file.	Mark Riley (AGL)	ICF rejected by AEMO.



# Matters for Noting

# 2020 Consultation - ICFs

Change ID or ICF Number	Procedure	Heading	Notes
ICF_013	MSATS CATS Procedure	Change cancellation timeframe for CR6800	Included in B2M 2020 consultation
ICF_016	MSATS Procedure	Reinstate MC Objection of BadParty for Vic SMALL	Included in B2M 2020 consultation
ICF_019	Metrology Procedure	Metrology Procedure sampling methodology	Included in B2M 2020 consultation
ICF_020	Metrology Procedure Part A, SLP MP	SLP Clause 4.2 changes	Included in B2M 2020 consultation
ICF_021	Metrology Procedure Part B	Removal of End User Details from the Inventory table	Included in B2M 2020 consultation
ICF_025	Metrology Procedure Part B, MDFF Specification NEM12 & NEM13	N quality Flag	Included in B2M 2020 consultation
ICF_027	Standing Data for MSATS, Retail Electricity Market Procedures – Glossary and Framework	ADL at datastream level	Included in B2M 2020 consultation
ICF_028	NEM ROLR Processes Part A	In section 17.2 correct section reference and add process step to remove Failed Retailer MSATS user access.	Included in B2M 2020 consultation
ICF_029	Standing Data for MSATS version 5.0 2. MSATS Procedures – CATS Procedure Principles and Obligations (v5.0)	Amend or revert definition of the Register ID field.	Included in B2M 2020 consultation
ICF_031	CATS Procedure	Update to Table 4E - MSATS procedures	Included in B2M 2020 consultation

# 2020 Consultation - Timeframes

Deliverable	Indicative date
Issues Paper published	6 August 2020
Submissions due on Issues Paper	11 September 2020
Draft Report published	9 October 2020
Submissions due on Draft Report	26 October 2020
Final Report published	7 December 2020

<https://aemo.com.au/consultations/current-and-closed-consultations/metering-icf-package>

# MSATS Standing Data Review

- Final Report published 7 September
- <https://aemo.com.au/en/consultations/current-and-closed-consultations/msats-standing-data-review>
- AEMO will establish a MSDR Data Transition Focus Group in 2021.

# Customer Switching

- Change effective date 1 October 2021
- <https://aemo.com.au/consultations/current-and-closed-consultations/nem-customer-switching>
- Schema will be R39
- Implementation: 5MS Program
- Timelines for pre-production to be available are currently being decided, likely pre-production will be available in early July 2021.
- Further information to be released specifically about the IT customer switching changes in the next couple of months in a Draft Technical Specification document being developed by AEMO. The final version of the technical specification will cover both 5MS and customer switching as they're in the same schema release.

# WDR contact and information



Mailbox: [wdr@aemo.com.au](mailto:wdr@aemo.com.au)



WDR program information:

<https://aemo.com.au/initiatives/trials-and-initiatives/wholesale-demand-response-mechanism>



WDR stakeholder engagement options:

<https://aemo.com.au/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/wdr>

*Where your business has already been engaged in the WDR program, speak directly with your representatives for background information and the current context.*

# WDR consultations

**Retail/B2B procedures:** Updates to reflect the changes required by the WDR Mechanism rule, mainly around the introduction of the new “demand response service provider” (DRSP) role.

- **Web:** <https://aemo.com.au/consultations/current-and-closed-consultations/retail-procedures-wholesale-demand-response>
- **Stage:** Issues paper
- **Submissions due:** Tuesday, 17 November 2020

**Market/system operations documents:** Updates to reflect the changes required by the WDR Mechanism rule.

- **Web:** <https://aemo.com.au/consultations/current-and-closed-consultations/market-and-system-operation-procedures-methodologies-and-guidelines-wholesale-demand-response>
- **Stage:** Issues paper
- **Submissions due:** Tuesday, 17 November 2020

# NEMWeb Portal Reskin

Mai Huynh, AEMO



# Digital Certificate Replacement Program

Travis Kane (AEMO)

# Common Items

# ICF Register

Jordan Daly, AEMO

- About half of items in Register are currently being consulted on (see Change Log attached)
- Many ICFs and CIPs circulated for discussion at meeting
- ICF\_017 currently on hold
- ICF\_034 began consultation offline after email feedback
- ICF\_038 currently undergoing review ahead of ERCF discussion
- Further email-based discussions/feedback expected to occur in order to align ICFs with upcoming consultations

# 2021-2 Prioritisation

Change ID	Procedure	Heading	Consultation Start Date (DD/MM/YYYY)	Notes
ICF_M001	Metrology Procedure Part A	Process to detect illegal reconnections	TBD	CIP redrafted, circulated for discussion in October ERCF.
ICF_017	AEMO Performance Reports	ADWNAN Reporting changes	TBD	AEMO to develop a new report for MDP. On hold until March 2021 awaiting 5MS program changes to be completed.
ICF_023	Metrology Process Part A, SLP MDP, SLP MP	Process when remote collection of metering data fails	TBD	Updated ICF circulated via email for feedback. CIP to be drafted - possibly to be combined with ICF_036.
ICF_030	MDP Service Level Procedure	Configuration of data channels and meter data obligations.	TBD	CIP drafted, for discussion in October ERCF
ICF_032	SLP	Child NMI standing data quality - TNI and DLF	TBD	System change presumably needed. IT will need to deliver the original requirements that were presented during PoC, that is to automate the update of parent DLF/TNI on the ENC table and/or update the child NMIs with the parent DLF/TNI when change requests are processed.  CIP drafted, for discussion in October ERCF
ICF_034	MDM Procedure, Understanding Load Profiles, Glossary and Framework	MDM and Understanding Load Profiles Changes	12/10/20	Included in October consultation for inclusion in 5MS
ICF_036	Metrology Part A, SLP	Process to minimise remote Meter Data Loss	TBD	To be discussed at next ERCF including whether it should be progressed alongside ICF_023.
ICF_037	Standing Data for MSATS	Redefine Connection Configuration	TBD	For discussion in October ERCF

# MSATS Only Items

# Network Tariff Code

Dino Ou, Endeavour Energy

Summary of offline meeting:

- There was recognition that the current model is not ideal but it is currently working and exceptions are manageable
- There was no strong case presented to justify changes to the current NTC model

# Break

Return 2:50pm

# Metrology & Service Level Procedures Items



# CIP\_M001: Process to detect illegal reconNECTIONS

Dino Ou, Endeavour Energy

## Focus group discussion results:

- The group agreed to proceed with updated CIP\_M001 Process to detect energy data
- CIP attached to meeting pack
- Meghan and Jordan to advise on possible consultation timeframe that might include this CIP in the ERCF meeting.
- The focus group may raise a new ICF to resolve the issue/gap of having no existing obligations or processes in place to define what happens after energy data is detected and recorded for inactive datastreams.

To be included in 2021 consultation?

# Competition in Metering Review

AEMC Update

# CIP\_023: Process when remote collection of metering data fails

Dino Ou, Endeavour Energy

ICF updated, comments below:

- AGL: ICF meets needs, is within scope. 'Noting that AEMO is imposing a set of standards on meter data quality for Faster Switching (which can limit the availability of retrospective data available to the market). AGL has concerns that there are still issues with intermittent data loss which could define certain days as estimated, and that there should be obligations on the MDP to notify the MC of intermittent or systemic data loss and on the MC to collect data to collect that lost data and ensure overall minimal loss of data.'
- Alinta: This meets the scope initially put forward. 'We still believe that there is some work that may need to be considered here though for sites where there is intermittent data loss. We acknowledge that there will need to be a "commercial reality" lens put on how aggressively we should attempt to recover actual metering data from a Type 4D and above meter when data cannot be recovered remotely, however it is not clear what data quality for an individual NMI over time is required for consumption at the NMI to be considered actual by both AEMO/Networks/Retailers for their settlement purposes. The new customer switching rules will impose some data quality standards which will limit retrospective switching but does not put any obligation on participants or accredited entities to recover missing intermittent data and this ICF will only cover off part of the missing actual data challenge.'

# CIP\_023: Process when remote collection of metering data fails

- Mondo: The Rules require the MDP to notify the MC of a metering installation malfunction within one business day (7.10.1 (10)) The glossary of the Rules has Metering installation malfunctions including the following description: The full or partial failure of the metering installation in which the metering installation does not: (c) allow, or provides for, collection of energy data Where the metering installation does not allow for the collection of energy data, the MDP is required to notify the MC of a metering installation malfunction within one business day. Assuming processes are in place where the MDP notifies the MC to fix the malfunction, do we need additional requirements or just a clearly stated clause in the Metrology Procedure to reference 7.10.1 (10).

To be included in 2021 consultation?

# ICF\_030: Configuration of data channels and meter data obligations.

Helen Vassos, PLUS ES

- Progressed to a CIP between meetings
- To be included in 2021 consultation?

# CIP\_032: SDQ Error

Kiran Balaraman, Energy Intelligence

- Progressed to a CIP between meetings
- To be included in 2021 consultation?

# ICF\_036: Meter Data Loss

Shaun Cupitt, Alinta and Mark Riley, AGL

- Extends ICF\_023
- Is this a justified change?
- To be included in 2021 consultation?

# ICF\_037: Redefine Connection Configuration

Dino Ou, Endeavour

- Paper attached with meeting pack
- Redefining 'Phases in Use'/'Connection Configuration' following on from MSDR
  - The 'Connection Configuration' field includes 'Phases in Use' which indicates the phases available at the connection point.
  - Option 1 (Endeavour preferred): We suggest that the Second Character (Phases In Use) be redefined as the name suggests, which is phases actually used. In addition, we also suggest that the Connection Configuration field be populated by the MPB and make the Connection Configuration field mandatory only when there is an installed meter.
  - Option 2: If option 1 is not accepted then the Connection Configuration field should have a value of 'unknown' for each of the character within this field.

However, if the metering arrangement differs from the connection point supply arrangement (EG: 2 or 3-phase supply to connection point but only one phase metered), then only the current MP would know how the site is metered - the MP should have the responsibility to provide the information in this scenario.



# Other Business

Meghan Bibby, AEMO

# CIP\_034: MDM and Understanding Load Profiles Changes

Meghan Bibby, AEMO

- The Retail Electricity Framework and Glossary document will include the addition of the definition in the CIP.
- The consultation on these changes and the WDR changes commenced in the first half of October.
- This slide included as an FYI

# ICF\_038 – SA Smarter Homes

Mark Riley, AGL

- [https://energymining.sa.gov.au/energy\\_and\\_technical\\_regulation/energy\\_resources\\_and\\_supply/regulatory\\_changes\\_for\\_smarter\\_homes/consultation\\_on\\_regulatory\\_changes\\_for\\_smarter\\_homes](https://energymining.sa.gov.au/energy_and_technical_regulation/energy_resources_and_supply/regulatory_changes_for_smarter_homes/consultation_on_regulatory_changes_for_smarter_homes)
- ICF proposes a Controlled Solar field.
- Undergoing review by Metering and Legal.
- AEMO has requested further clarity and direction from SA.

# Other Business – Meeting admin

- General Questions?
- Next meeting scheduled for Thursday 10 December 2020
  - Future dates are in the Stakeholder Meetings calendar on AEMO's website
  - Meeting notes available on AEMO's website
  - ICFs due by 26 November 2020