



# ERCF Meeting 3

22 August 2019

# Agenda

No	Time	Agenda Item	Responsible
<b>Preliminary Matters</b>			
1	9:30am – 9:40am	Welcome, introductions & apologies	Noura Elhawary (AEMO)
2	9:40am – 9:55am	Actions from previous meeting	Noura Elhawary (AEMO)
<b>Matters for Noting</b>			
3	9:55am – 10:00am	ERCF Change process	Jordan Daly (AEMO)
4	10:00am – 10:10am	CATS Standing Data Review	Michelle Norris (AEMO)
<b>Common Items</b>			
5	10:10am – 10:40am	Customer Switching	Lee Brown (AEMO)
6	10:40am – 11:10am	ICF Register	Noura Elhawary (AEMO)
<b>MSATS Only Items</b>			
7	11:10am – 11:30am	ICF_013: Cancellation of CR6800 over 220 days where it is associated with an end of life meter replacement	Robert Lo Guidice (intelliHUB)
8	11:30am - 11:50am	ICF_014: Retailer transfer change request status notification rules – embedded networks	Joe Castellano (Origin)
<b>Metrology &amp; Service Level Procedure Items</b>			
9	11:30am – 11:50am	Change Information Paper (CIP_M001): Process to detect illegal reconnections	Noura Elhawary (AEMO)/Dino Ou (Endeavour)
<b>Other Business</b>			
10	11:50am - 11:55am	2020 Prioritisation session to be scheduled for November 2019 meeting	Michelle Norris (AEMO)
11	11:55am – 12:00pm	General questions & next meeting	Noura Elhawary (AEMO)

# Actions from previous meeting

Noura Elhawary

# Actions from previous meeting

	Topic	Action	Response
1.7.1	Identification of incorrect NMI scenarios and solutions	Dino Ou (Endeavour Energy) to identify the relevant scenarios in which an incorrect NMI may be identified and is to generate a list of solutions for those various scenarios (along with necessary Procedure changes)	CLOSED: Issue being reviewed by B2B-WG.
2.5.1	Retail Electricity Market Glossary and Framework	AEMO to send a link to the Glossary and Framework to the ERCF	COMPLETED: Distributed in May meeting minutes
2.5.2	ToRs to reference Retail Electricity Market Glossary and Framework	ToRs to reference Retail Electricity Market Glossary and Framework rather than the List of NEM Procedures Required by Chapter 7.	COMPLETED: ToR published on 30/7/19.
2.7.1	IEC to be contacted on Technical Specification Pack version control	IEC to be notified of ERCF feedback that the Technical Specification Pack should contain in its version control the reasons why the ROCL obligations were removed.	COMPLETED: August IEC meeting

# Actions from previous meeting (cont.)

	Topic	Action	Response
2.7.2	ROCL obligations	AEMO is to consider the best options for imposing obligations of detail provision in the ROCL.	COMPLETED: 13 August from the ERCF
2.9.1	CR6800 ICF	Meghan Bibby (AEMO) is to work with Robert Lo Giudice (IntelliHUB) to develop the ICF and Change Information Paper for this change	COMPLETED: ICF included in this pack
2.9.2	CR6800 in August meeting	AEMO to include agenda item to further discuss CR6800 in August	COMPLETED: ICF included in this pack

# CATS Standing Data Review

Michelle Norris

# CATS Standing Data Review

- Kicked off because:
  - Changing framework after Power of Choice
  - Commitment from AEMO to look at standing data due to IEC removing pre-installation transaction
    - Mandatory fields for metering information
- Workshop held in November 2018, 3 key themes:
  - Quality, compliance and availability of data for current participants
  - Technology – IT limitations
  - Emerging roles/ participants, rule changes
- AEMO has conducted an analysis of the data elements discussed at the workshop and how they could work in MSATS. The Standing Data Review timeline is being assessed in conjunction with the large body of work originating from the AEMC and will be prioritised accordingly.

# Customer Switching

Lee Brown



# Customer Switching

## Rule Changes

- AEMO [Customer Transfers in the NEM](#) Rule Change Proposal (May 2019)
- AEMO [Appendix A – Retailer Transfer Process in the NEM: High Level Design](#) (May 2019)
- AEMC [Reducing Customers' Switching Times](#) Rule Consultation Paper (July 2019)

## Relevant background:

- ACCC [Retail Electricity Pricing Inquiry Final Report](#) Recommendations 8 and 9
- COAG EC [tasking letter](#)
- AEMC and AEMO [joint advice](#)
  
- Pre-consultation technical workshop held by AEMO in Melbourne on Wednesday, 21 August 2019.
  
- Formal consultation on changes to procedures is expected to commence in September 2019.

# ICF Register

Noura Elhawary

# ICF Register

Change ID	Procedure	Subject	Change type	Proponent	Status	Notes
ICF_007	MSATS Procedures: CATS	Updating MSATS about remote de-energisation and remote re-energisation	Procedure	Endeavour Energy	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_008	MSATS Procedures: CATS	Define timeframes for updating datastreams in MSATS	Procedure	Endeavour Energy	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_009	Standing Data for MSATS	Define allowable values for the controlled load field in MSATS	Procedure + Market System	Endeavour Energy	Pre-consultation	Pre-consultation discussion paper released June 2019
ICF_011	MSATS Procedures: CATS	Clarifying the LNSP's obligations in relation to creating Embedded Network Codes	Procedure	AEMO	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019

# ICF Register

Change ID	Procedure	Subject	Change type	Proponent	Status	Notes
ICF_M001	Metrology Procedure Part A	Process to detect illegal reconnections	Procedure	Endeavour Energy	Consultation	Change Information Paper included in the meeting pack
ICF_M002	Metrology Procedure Part A	CT and VT Standards to include IEC61869	Procedure	Metering Dynamics	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_M003	Metrology Procedure Part B	Linear interpolation substitution type for accumulation metering installations	Procedure	Endeavour Energy	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_M004	MSATS Procedures: CATS	Communication for identification of incorrect NMI and metering installation	Procedure	Endeavour Energy	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_M005	Service Level Procedure MDP	Delivery of metering data while the NMI status is not Active	Procedure	Endeavour Energy	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019

# ICF Register

Change ID	Procedure	Subject	Change type	Proponent	Status	Notes
ICF_M007	Metrology Procedure Part A	Verification of Metering Data for whole current Small Customer Metering Installations, Type 4A, 5, 6 and 7 Metering Installations	Procedure	AEMO	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_M008	Service Level Procedure ENM	Clarifying ENM's obligations with respect to DLFs and Network Tariff Codes and that the EN for which the ENM has been appointed has an exemption by the AER	Procedure	AEMO	Consultation	Consultation concluded, final determination due 17 <sup>th</sup> September 2019
ICF_012	TBD	Extending ROCL to Embedded Network Participants	Procedure	AGL	Closed – no head of power	AEMO considering alternative solutions
ICF_013	MSATS CATS Procedure	Cancellation of CR6800 over 220 days where it is associated with an end of life meter replacement	System, Procedure	intelliHUB	Discussion	Issue Change Form included in the meeting pack
ICF_014	MSATS CATS Procedure	Retailer transfer change request status notification rules – embedded networks	System, Procedure	Origin	Discussion	Issue Change Form included in the meeting pack

# MSATS Only Items

Noura Elhawary

# ICF\_013: Change cancellation timeframe for CR6800

- Submitted by Robert Lo Giudice, intelliHUB
  - Contact No: 03 8610 3544
  - Email: robert.logiudice@intellihub.com.au

<b>Procedure Impacted</b>	MSATS System, MSATS CATS Procedure
<b>Areas Impacted</b>	CATS Section 2.9(k) and Note
<b>Short Description/Title</b>	Change cancellation timeframe for CR6800
<b>Detailed description of Issue / Change</b>	<p>Cancellation of CR6800 over 220 days where it is associated with an End of Life (EOL) meter replacement. A large number of CR6800 are cancelled before completion of EOL work, this is creating re-work for retailers and MC's.</p> <p>Noting that end-of-life meter replacements (including failed meter families) have no associated time limits, which means that Metering Coordinators (MCs) often undertake the replacements when convenient (e.g. when the MC has a related job in the area), subject to the FRMPs requested timelines. As a result, since an EOL meter replacement will involve the generation of a CR6800, this request can remain pending for over 220 days in some instances.</p> <p>MSATS automatically cancels change requests in pending status after 220 days. This is conceptually sound, in general, as it prevents MSATS from accumulating transactions that occupy storage in the system. However, with respect to CR6800 transactions specifically, this means that the 220-day automatic cancellation causes problems, as it will cancel the work order in the MC's systems which in turn cancels the service order back to the retailer. Essentially placing the MC in breach if they proceed to install.</p>

# ICF\_013: Change cancellation timeframe for CR6800

Market Impact	Remove unnecessary re-work for retailers and MC's and potential breaches where timelines are known to be lengthy (and in some cases subject to exemptions that are not visible in MSATS).
Requirements / Specific Proposal	intelliHUB's preferred proposal is to change CATS 2.9's Note: An automatic nightly MSATS process will Cancel/Withdraw dormant Change Requests that exceed 220 days <b>except for CR6800</b> .
Proposed Solution/s	Solution options in preference order: <ol style="list-style-type: none"><li>1. Remove CR6800 from AEMO's automatic cancellation process</li><li>2. Increase the number of days for AEMO to cancel the open CR6800 to 730 days (2 years)</li><li>3. Increase the number of days for AEMO to cancel all open CRs to 730 days (2 years)</li><li>4. AEMO send a report to participants five business days before the cancellation so that MCs can either escalate the meter replacement or cancel and re raise the CR 6800.</li><li>5. Scrap the CR cancellation process altogether.</li></ol>
Law/Rules enabling change	NER 7.16.2



# ICF\_013: Change cancellation timeframe for CR6800

<b>Market benefits for industry as a whole</b>	The issue raised only relates to the price component of the NEO. With a change to the cancellation timeframes applied to CR6800 there will be reduced confusion and less work on market participants.
<b>Customer benefits (consumers)</b>	Customers have the confidence that the market is operating in an efficient manner as well as reduced overall industry cost would flow on to customers in the long term through reduced re-work of existing system change requests and work orders.
<b>Workarounds</b>	Preferred workaround is option 4: AEMO send a report to participants five business days before the cancellation so that MCs can either escalate the meter replacement or cancel and re raise the CR 6800. Otherwise there are no applicable workarounds.

# ICF\_014: Retailer Transfer Change Request Status Notification Rules – Embedded Networks

- Submitted by Joe Castellano, Origin Energy
  - Contact No: 0459 881 285
  - Email: Joe.Castellano@originenergy.com.au


<b>Procedure Impacted</b>	MSATS CATS Procedure
<b>Areas Impacted</b>	MSATS Procedures - CATS Procedure Principles and Obligations Section 9.9 Change Request Status Notification Rules CRs 1080, 1081, 1082, 1083 and 1084.
<b>Short Description/Title</b>	Change Request Status Notification Rules – Embedded Network Manager Obligations
<b>Detailed description of Issue / Change</b>	<p>For a prospective CR108X to complete, the MDP needs to publish CR1500 Provide Actual Change Date. They can only do this if the NMI status is A. If the Child NMI is off market (NMI status N), then the MDP will not publish the CR1500.</p> <p>The ENM participant (published in the LNSP Role) is responsible for changing the NMI Status from N to A, however, if the LNSP Role only receives the COMPLETED Status Change of the CR108X, they are not notified of a requirement to change the NMI status using market transactions therefore making it difficult for the ENM to meet their obligation.</p>

# ICF\_014: Retailer Transfer Change Request Status Notification Rules – Embedded Networks

<b>Market Impact</b>	Even though the NMI is published (allocate NMI will no longer work), the ENM who is responsible for updating the NMI from 'N' to 'A' will not get a market transaction notifying them of their obligation.
<b>Requirements / Specific Proposal</b>	Update the Change Request Status Notification Rules so that LNSP receives all CR Statuses, not just COMPLETED. See attachment A.
<b>Proposed Solution/s</b>	As above.
<b>Law/Rules enabling change</b>	NER 7.16.2
<b>Market benefits for industry as a whole</b>	
<b>Customer benefits (consumers)</b>	Avoid delays for customers wanting to go on-market with Retailer of choice.
<b>Workarounds</b>	Notify ENM via off-market communication (email/phone) in addition to raising the CR, requesting the ENM update the NMI status from N to A in order to facilitate the completion of the CR (that the ENM can't see to verify the Retailer request).

# ICF\_014: Retailer Transfer Change Request Status Notification Rules – Embedded Networks

Attachment A: Change the boxes highlighted in red from '-' to 'Yes'.

MSATS PROCEDURES 

**Table 9-C – Change Request Status Notification Rules\*\***  
 CR 1080 – Change Retailer – Child NMI  
 CR 1081 – Change Retailer – Child NMI – Retrospective Align Meter Rd  
 CR 1083 – Change Retailer Child NMI – Move-In  
 CR 1084 – Change Retailer Child NMI – Move-In – Retrospective  
 PARTICIPANT ROLE – Receives Notification of Change

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes
PENDING	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes
REJECTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
REQUESTED	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes

**CR 1082 – Change Retailer Child – Retrospective: Long Term/Error**  
 PARTICIPANT ROLE – Receives Notification of Change

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
PENDING	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
REJECTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
REQUESTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes

\*\* N = New Role, C = Current Role

# Metrology & Service Level Procedures Items

Noura Elhawary

# CIP\_M001: Process to detect illegal reconnections

- Instigating ICF submitted by Dino Ou, Endeavour Energy,
- Initially discussed at ERCF March 2019
  - Contact No: 02 9853 4939 or 0423 299 750
  - Email: Dino.Ou@endeavourenergy.com.au

## Procedure Impacted

MSATS Procedure Part A

## Subject

Defining obligations on the MC to have secure metering installations, including a process to detect illegal reconnections

## Background

AEMO received a request from Endeavour Energy to include an obligation around processes for illegal reconnection identification. The issues they identified are:

Clause 2.4.1.ix.D of the MDP SLP allows for the MDP to de-activate datastreams in MSATS where the supply of electricity has been disconnected at the service fuse.

When a site is illegally reconnected, and the site has an accumulation meter then the illegal reconnection gets picked up at the next scheduled meter reading.

However for a remotely read meter the illegal reconnection may not be picked up if the MDP turns off their collection process and do not have processes in place to detect illegal reconnections, e.g. periodically turning on their collection process to check if the site is energised, have meters installed that can provide an indicator/alarm when supply becomes available, have meters installed that automatically pushes the metering data to the MDP's MDM system when supply becomes available, etc.

Under the National Electricity Rules (NER) is the obligation 7.15.2(a) for a Metering Coordinator (MC) to ensure that the metering installation is secure and that associated links, circuits and information storage and processing systems are protected by security mechanisms acceptable to AEMO.

AEMO reviewed this request and recognises that any illegal reconnection identifies that the metering installation is not secure.

# CIP: Process to detect illegal reconnections

Scope	Define an obligation on the MC to have processes in place for having a secure metering installation including detecting illegal reconnections for sites with a remotely read meter.
Issues	<p>AEMO recognises that there are many ways to identify a metering installation has been illegally reconnected and, in a contestable market, do not believe that defining what the details of a process for detection for these instances would be appropriate. The process developed would be up to the MC to determine.</p> <p>AEMO believe the obligation should cover all types of metering installations, not simply remotely read meters. Therefore, the obligation would cover legacy MCs and contestable MCs.</p>
Requirement	Define in the Metrology Procedure Part A that a secure metering installation includes having processes in place for detecting illegal reconnections regardless of metering type.
Proposed Consultation / Release	TBD
Proposed Solution(s)	<p>Potential changes to Metrology Procedure Part A</p> <p>Adding the following new section 13 prior to the existing Emergency Priority Procedures section</p> <p><u><a href="#">13. Metering installation security</a></u></p> <p><u><a href="#">As part of metering installation security under clause 7.15.2(a) of the NER, the MC must ensure that processes and systems are in place to detect illegal reconnections, including when the premises are disconnected.</a></u></p> <p>14. Emergency Priority Procedures</p>

# Other Business

Noura Elhawary



# Other Business

- 2020 Prioritisation session to be scheduled for November 2019 meeting
- General Questions?
- Next meeting scheduled for Thursday 21<sup>st</sup> November 2019
  - ICFs due by Friday 1<sup>st</sup> November 2019