



ERCF Meeting

26 August 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 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.²

Agenda

No	Time	Agenda Item	Responsible
Preliminary Matters			
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)
Matters for Noting			
3	9:50am-9:55am	Customer Switching	Meghan Bibby (AEMO)
4	9:55am-10:00am	Current Consultations, ICF Register	Jordan Daly (AEMO)
Common Items			
5	10:00am-10:20am	Electricity Retail Procedures September 2021 Update	Jordan Daly (AEMO)
6	10:20am-10:30am	Shared Isolation Point Flag Subgroup update (ICF_051)	Helen Vassos (PLUS ES)
MSATS Only Items			
7	10:30am-10:40am	Controlled Load Enumerations (ICF_049)	Helen Vassos (PLUS ES) Mark Riley (AGL)
8	10:40am-10:50am	NMI Status Subgroup update (ICF_052)	Helen Vassos (PLUS ES)
9	10:50am-11:00am	Connection Configuration Subgroup update	Jordan Daly (AEMO)
10	11:00am-11:10am	Updating Network Tariff for a Greenfield NMI (ICF_047)	Laura Peirano (UE)
11	11:10am-11:15am	NREG and GENERATR NMI Classifications (CIP_050)	Jackie Krizmanic (AEMO)
Break – 10 minutes			

Agenda

No	Time	Agenda Item	Responsible
Break – 10 minutes			
Metrology & Service Level Procedures Items			
12	11:25am-11:35am	New Substitution method (ICF_044)	Mark Riley (AGL)
13	11:30am-11:35am	Reason Codes (CIP_042)	Joe Castellano (Origin)
14	11:35am-11:40am	Metrology Procedure Part A Clause 12.5 Clarification (CIP_046)	Jordan Daly (AEMO)
15	11:40am-11:45am	Reference to AS60044 (CIP_048)	Jordan Daly (AEMO)
Other business			
16	11:45am-11:50am	GPS Coordinates	Helen Vassos (PLUS ES)
17	11:50am-12:00pm	General questions, actions & next meeting (30 September 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
2406-04	Controlled Load subgroup	Reconvene to discuss further details regarding retailer controlled load.	AEMO and subgroup members	Helen Vassos (PLUS ES) and Mark Riley (AGL) drafting ICF
2406-05	SDQ reporting	Is there a document showing the new SDQ reporting	AEMO	Closed in July meeting
2503-05	ICF_044: New substitution method/ ICF_045: Agreed substitution reasons/ ICF_046_Clarifying objective of estimation	Clarify the 3 substitution methods ICFs before it goes to consultation.	Shaun Cupitt (Alinta)	Mark Riley (AGL) has progressed ICF.
2207-01	Reason Codes Subgroup	Reason Code ICF to be progressed to a CIP and made ready for consultation.	Joe Castellano (Origin)	CIP available for discussion today.
2207-02	Connection Configuration	AEMO to convene a subgroup to discuss the matter	Jordan Daly (AEMO)	Subgroup formed, has met twice.

Closed actions from previous meetings

Item	Topic	Action	Responsible	Response
2207-03	Controlled Load Subgroup	Subgroup to discuss progressing options A or C presented at the meeting.	AEMO	Subgroup met, ICF drafted for discussion
2105-06	Type 14 Substitutions	AEMO to clarify the time frames for type 14 and type 16 substitutions	AEMO	Type 14 is a like day (go back to the last like day) Type 16 – an agreed method (MDP is required to consult and agree on a method)
2207-04	ROCL changes	SGAs and DRSPs to be requested to add their details to the ROCL (Jackie Krizmanic, AEMO).	AEMO	AEMO Metering will include SGAs & DRSPs in the registration procedures. Haven't had a DRSP registered as yet.

Matters for Noting

Customer Switching update

Meghan Bibby, AEMO

- IT changes linked in 5MS release
- Customer Switching testing is through bilateral arrangements as per BAU processes
- Up to 19th August, 3 defects identified and 2 rectified and deployed into pre-production, 1 rectified and awaiting deployment in week beginning 23rd August.
- Customer Switching Q&A session held 16 August, session pack available [here](#).
- Three more Customer Switching Q&A sessions scheduled:
 - 31 August
 - 14 September
 - 28 September
- Please direct questions to ercf@aemo.com.au

Milestone	Date	Description
5MS Market Trial	Monday 19 July 2021	5MS market trial commences in pre-production using 30 minute data
5MS/CS cutover in pre-production	Thursday 29 July 2021	Simulation of cutover to 5 minute data and customer switching changes occurs in pre-production
Customer Switching pre-production	Friday 30 July 2021	Customer Switching available in pre-production for testing
5MS Market Trial	Friday 10 September 2021	5MS market trial concludes in pre-production
Customer Switching testing	Thursday 30 September 2021	Customer Switching concludes in pre-production for testing
Customer Switching production implementation	Thursday 30 September 2021	AEMO implements the 5MS/CS MSATS 46.99 release to production
Customer Switching Effective	Friday 1 October 2021 00:00:01	Customer Switching Procedures are effective

2021 Consultations

Since July ERCF meeting, Wholesale Demand Response Procedure Consolidation Process commenced

<https://www.aemo.com.au/consultations/current-and-closed-consultations/wdr-retail-procedure-consolidation>

Feedback closed at 5:00pm on Thursday 19 August 2021. The Final Report is due to be published by Thursday 16 September 2021.

ICF Register

Jordan Daly, AEMO

- Vast majority of ICFs submitted between the July and August meetings are ready for review and consultation
- Connection Configuration to be progressed

Common Items

Reason Codes update

Jordan Daly (AEMO)

- The ERCF agreed to progress Option 2 of the ICF in the July meeting
- This has been progressed to a CIP which was circulated with the meeting pack and described in a later slide.
- This will be taken to consultation, which is detailed on the next slide.

Electricity Retail Procedures September 2021 Consultation Items

Issue	Status/Description	Status
Controlled load definitions	Drafted as ICF_049	For discussion in August ERCF.
NTC on Greenfield site	Drafted as ICF_047	
Reason Codes	Drafted as CIP_042	
Shaun's subs ICFs	Mark Riley has drafted ICF_044	
Connection Configuration	ICF to be drafted	
NMI Status	Drafted as ICF_052	
Shared Isolation Point Flag	ICF_051. This touches Metrology Procedure, hence the suggested final det on 31/1 which gives 3 clear months before effective date as per NER requirements.	
Clarification of Metrology Part A Clause 12.5	Drafted as CIP_046 Implementation 1 May 2022 – system change	For noting in August ERCF and consultation.
Reference to Australian Standards	Drafted as CIP_048	
CATS NREG and GENERATR NMI Classifications	Drafted as CIP_050	
B2B e-Hub Participant Accreditation and Revocation Process	Drafted as CIP_045	

Shared Isolation Point Flag Subgroup update

Jordan Daly, AEMO

- The survey results were received by AEMO.
- There was no majority position for respondents but a plurality of them wanted to maintain the MSDR status quo. This is to retain the 'I' enumeration and keeping the field default to 'U'
- Given the survey results and AEMO's analysis, the MSDR status quo is preferred by AEMO.
- The bottom line seems to be to knock back the proposed changes (removing 'I', defaulting to 'No' or defaulting to 'No' for freestanding NMIs).

Shared Isolation Point CIP_051

Helen Vassos (PLUS ES)

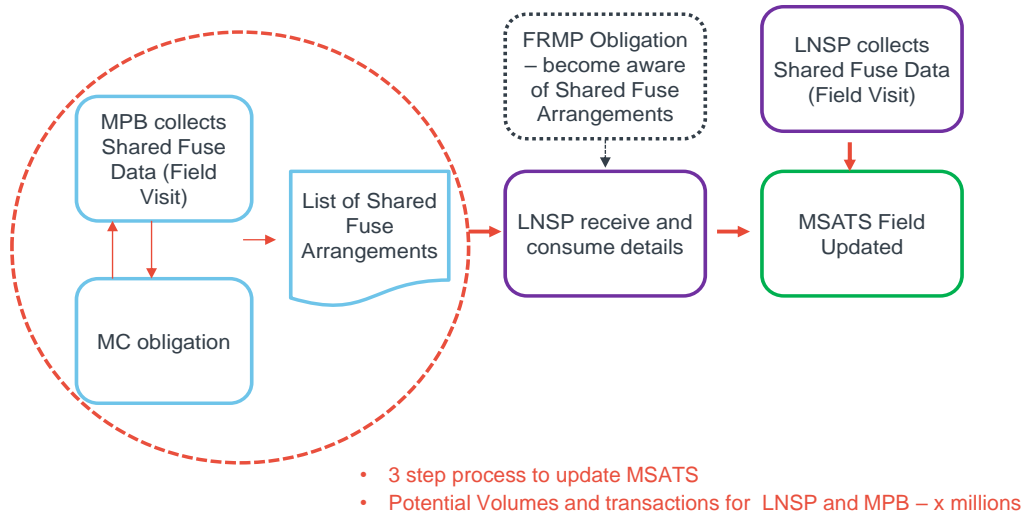
- MPB and LNSP to update the Shared fuse field.
- Slides as follows.



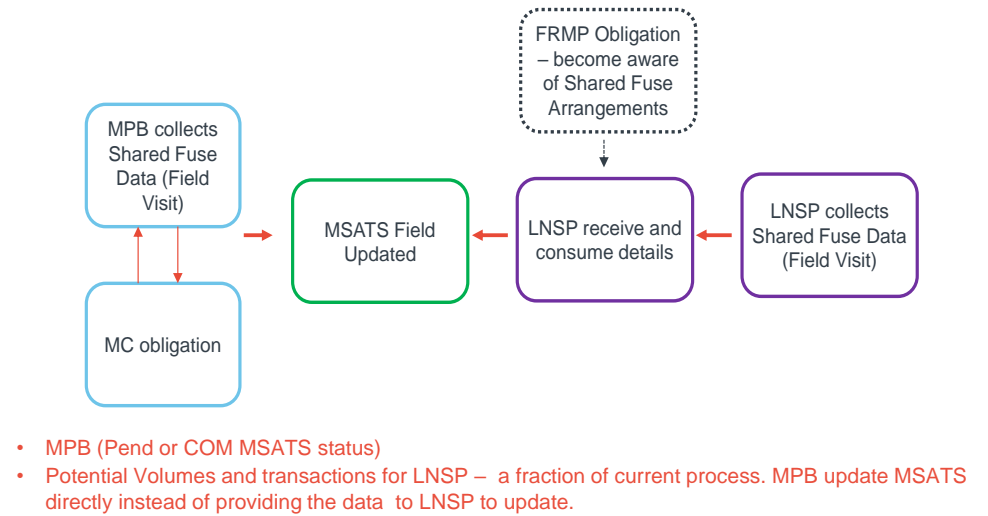
PLUS ES Proposed ICF – Update MSATS Shared Fuse field

24 Aug 2021

Current Process – 1 May 2022



PLUS ES Proposed Change – MPB and LNSP Update the MSATS shared fuse field



Pros

- Compliant with NER
- One participant accountable for the MSATS Shared Fuse field – Data Integrity

Cons

- Volumes in the millions of transactions:
 - Both MPB and LNSP will have to manage the volumes of updates – double handling
 - Resource intensive processes
- LNSPs may make assumptions to update during the transition phase to mitigate future transaction volumes
 - Data integrity and reliability of the Shared Fuse field compromised
- Mechanism to inform LNSP is currently CSV file – not ideal for large volumes of data
 - Options to transact large volumes will require further build by participants
- Longer timeframe to update – allowances are made to allow for both participants to consume and administer the data
- Additional requirements with respect to the Metrology Procedures and notifying the MC who has the NER obligation.

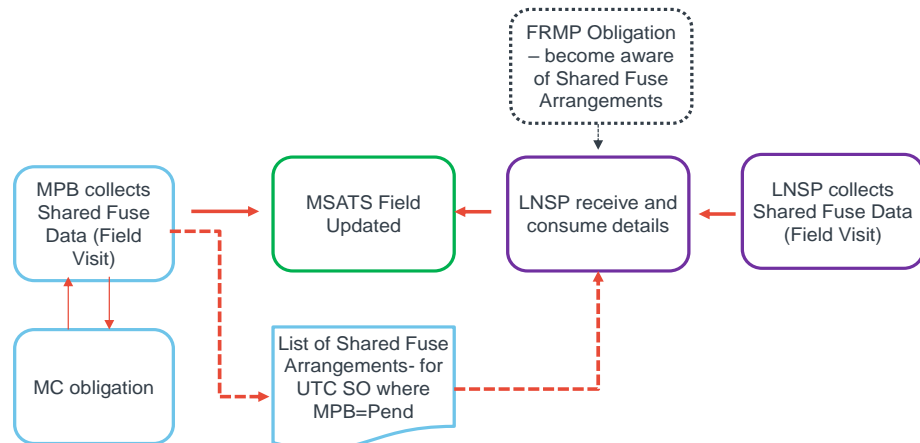
Pros

- Compliant with NER
- Most efficient process:
 - Removing the double handling of millions of data points by MPB/MC and LNSP
- Faster turnaround times for updates
- Participants associated with the NMI will receive the notifications removing unnecessary reporting/administrative tasks
- Increased reliability and data integrity if the field is updated post a site visit instead of relying on assumptions.

Cons

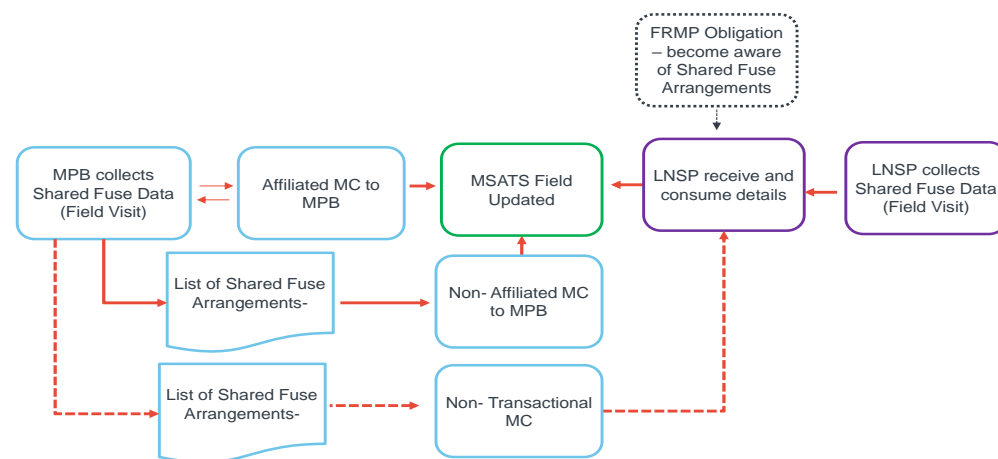
- 2 Participants populating the same field – potential for data to be overwritten.

Alternate Considerations– MPB and LNSP Update field; MPB must be current in MSATS



- MPB must be MPB in MSATS to update directly
- Potential Volumes and transactions for LNSP – fraction of current Process ;

Alternate Considerations – MC and LNSP Update field



- MC may not be affiliated with MPB or be non transactional, incurring additional resource for the MPB

Pros

- Compliant with NER
- More efficient process:
 - Removing the double handling of millions of data points by MPB/MC and LNSP
 - MPB will only provide LNSP Shared Fuse arrangement identified for where they do not have their meter installed on site. i.e. UTC meter churns
- Faster turnaround times for updates
- Participants associated with the NMI will receive the notifications removing unnecessary reporting/administrative tasks
- Increased reliability and data integrity if the field is updated post a site visit instead of relying on assumptions.

Cons

- MPB can only update MSATS where they are MPB or in the process of coming MPB by a meter exchange, requiring a small percentage of identified Shared Fuse sites to be updated by LNSP.
 - Mechanism to inform LNSP is currently CSV file – may suffice for a small volume of data.
- 2 Participants populating the same field – potential for data to be overwritten.

Pros

- Compliant with NER
- All participants associated with the NMI will receive the notifications
- Increased reliability and data integrity if the field is updated post a site visit instead of relying on assumptions.
- MC can update the MSATS field irrespective of the MPB status – potentially mitigating the requirement for LNSP updates on a portion of MC/MPB updates.

Cons

- Where the MC and MPB are not affiliated the MPB will have to notify the MC with the details or the LNSP if MC is non-transactional.
 - Shifting a portion of the action from the LNSP to include the non affiliated MC as well as the MC/MPB. Does not remove the double handling of data points as efficiently as PLUS ES proposed change.
- 2 Participants populating the same field – potential for data to be overwritten.

MSATS Only Items

Controlled Load Enumerations (CIP_049)

Helen Vassos (PLUS ES) and Mark Riley (AGL)

- ICF_049 has been submitted with the purpose of simplifying the Controlled Load Enumerations
- MS DR: "No", "CL1", "CL2", "CL3"
- ICF_049 proposed:

	Description
NO	No controlled load
YES	There is controlled load associated with a network-controlled load tariff on this register.
EXT	There is controlled load which is externally switched by the LNSP associated with a network-controlled load tariff on this register

NMI status focus group update (CIP_052)

Jordan Daly (AEMO)

- Helen Vassos (PLUS ES) provided an analysis of open comms faults by distributors
- AEMO and Helen Vassos (PLUS ES) asked distributors about their interpretation of the analysis.
- Helen Vassos (PLUS ES) has drafted ICF_052:

Helen Vassos (PLUS ES)

- The Local Network Service Provider (LNSP) is accountable and responsible for the supply status at a connection point and subsequently the update of the NMI status in MSATS.
- The MSATS NMI status to reflect the supply status at the connection point irrespective of the mechanism which triggered the status.
- The timeframe to update the NMI status to be reflective from when the LNSP is advised of the NMI status, irrespective of the notification mechanism.

Connection Configuration

Jordan Daly (AEMO)

- Connection Configuration issue referred back to the ERCF following the Electricity Retail Procedures March 2021 Consultation
- A subgroup was formed in the July meeting, which met in July and on the 13th of August
- The group agreed that:
 - The field should continue to have two characters
 - The DNSP should continue to be responsible for the field
 - A statement should be included to provide guidance to the field, stating 'Information registered with a Greenfield NMI may be subject to change during the connection process'
- **Should this statement be included in the Standing Data for MSATS document or the Technical Guide to MSATS?**

Updating Network Tariff for a Greenfield NMI (CIP_047)

Laura Peirano (UE)

- The proposal is to allow an LNSP to use a CR3101 to update the NTC on a Greenfield NMI. This is a system validation change only and will not have an impact on the Procedures.

NREG and GENERATR NMI Classifications (CIP_050)

Jackie Krizmanic (AEMO)

To be included in Retail Electricity Market Procedures September 2021 consultation.

NREG

Connection point associated with a **stand-alone non-registered embedded generator** at which:

- the *embedded generating unit* is classified by a *Market Small Generation Aggregator* as a *market generating unit*; or
- ~~the output of the embedded generating unit is consumed by a market load at the same connection point.~~
- the *embedded generating unit* is owned, operated and controlled by a person who meets the requirements of **NER 5.3.1A(c)(2) or (3)**, or
- the *non-registered embedded generator*, defined in **NER 5A.A.1**, meets the requirements of **NER 5A.A.2**.

GENERATR

Connection point associated with a generating ~~system unit~~ classified ~~by~~ as a *Market Generator* by **AEMO**. This NMI Classification is to be assigned by AEMO from the *Generator registration approval date*.

Break

Return in 10 minutes

Metrology & Service Level Procedures Items

New Substitution Method (ICF_044)

Mark Riley (AGL)

Three proposed changes to Metrology Procedure: Part B

1. Establish requirement for reasonable endeavours substitutions to align with likely usage at the premises;
 2. Provide a new Substitution methodology which allows existing methodologies to be scaled
 3. Insert a table to standardise the reasons non-standard substitutions are used;
- MDP to have the option to adjust metering data by a multiplier of greater than 0 to a maximum of 3.

Reason Codes (CIP_042)

Joe Castellano (Origin)

Option 2 from July progressed to CIP for consultation

A sentence will be added to the beginning of Appendix E: 'These Reason Codes are designed to encourage consistency across the NEM, allowing more efficient operation of electricity services for price of supply.'

The following codes will be removed:

- 'Noxious Weeds' (RC 16) to be made obsolete in favour of 'Overgrown Vegetation' (RC 15).
- 'Dangerous dog' (RC4) to be made obsolete in favour of 'Dog on premises' (RC48).

To amend the following Reason Codes:

Reason Code	Reason Code Description	Detailed Description
0	Free text description	For use in the case that other reason code descriptions cannot be reasonably utilised e.g. system issues which prevent delivery of market data
2	Extreme weather conditions	Extreme weather conditions have prevented data collection e.g. floods/storms/bushfires.
3	Quarantined premises	Premises under quarantine or lockdown preventing access to metering installation e.g. pandemic
40	Unrestrained livestock	Data collector observed that livestock is roaming free on the premises and could potentially be hazardous, or access wasn't obtained due to potential for livestock to escape. This refers to farm animals.

Metrology Procedure Part A Clause 12.5 Clarification (CIP_046)

Jordan Daly (AEMO)

The proposal is to rename the title of Clause 12.5 of the Metrology Procedure Part A v7.31 from 'Verification of Metering Data for whole current Manually Read Metering Installations and Type 7 Metering Installations' to 'Verification of Metering Data for whole current metering installations for small customers and Type 7 metering installations'.

Changes:

12.5 Verification of Metering Data for whole current ~~Manually Read~~ Metering Installations for **small customers** and Type 7 Metering Installations

Reference to AS60044 (CIP_048)

Jordan Daly (AEMO)

- The Australian Standard (AS) 60044 was updated to align with the relevant International Standard and has been retitled AS 61869. This occurred on 5 March 2021.
- AEMO Metrology Procedures Part A section 3.1 (b) and (c) reference the now-superseded standard and must be updated as they refer to redundant clauses.

Other Business

Jordan Daly, AEMO

Other Business – GPS Coordinates

Helen Vassos (PLUS ES)

- Minimum number of decimal places - aligned and proportional to the benefits sought.
- The implications of using a CR with notifications to update MSATS – dependant on each Participants solution.

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>
- Next meeting 30 September 2021
- ICFs, CIPs and papers due 6 September 2021
- Stakeholder Forums survey available [here](#). Please respond by **10 September**.