

5MS/CS CONSOLIDATION PROCESS

FINAL REPORT

Published: **28 June 2021**





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EXECUTIVE SUMMARY

The publication of this final report (Final Report) concludes the process conducted by AEMO (Consolidation Process) in respect of the proposal (Consolidation Proposal) to consolidate, effective from 1 October 2021, the versions of the Retail Electricity Market Procedures (Consolidating Procedures) which have been changed through previous consultations (Changed Procedures) to enable the following rules under the National Electricity Rules (NER):

- National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15 (5MS).
- National Electricity Amendment (Reducing customers' switching times) Rule 2019 No. 14 (CS).

The Consolidating Procedures are:

- Retail Electricity Market Procedures – Glossary and Framework.
- MSATS Procedures: CATS Procedure Principles and Obligations.
- MSATS Procedures: Procedure for the Management of WIGS NMIs.
- Standing Data for MSATS.
- Metrology Procedure: Part A.
- Metrology Procedure: Part B.
- Service Level Procedure: Metering Data Provider Services.
- Meter Data File Format Specification NEM12 & NEM13.

The Consolidation Process does not involve any substantive amendments to the Consolidating Procedures. The previous changes to the Changed Procedures were consulted on in 2018-21, accordance with NER 8.9.

AEMO received five submissions in response to the 5MS/CS Consolidation Process Proposal Paper (Proposal Paper). These submissions were supportive of the Consolidation Proposal and provided suggestions for future changes to the Consolidating Procedures.

AEMO's final determination is to amend the Consolidating Procedures in the form published with this Final Report.



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1. PROCESS

AEMO has undertaken the Consolidation Process in accordance with NER 7.16.7(e).

AEMO's timeline has been as follows.

Deliverable	Indicative date
Proposal Paper published	10/5/2021
Submissions due on Proposal Paper	25/5/2021
Final Report published	28/6/2021

The publication of this Final Report marks the completion of the Consolidation Process.

2. BACKGROUND

2.1 NER requirements

AEMO is responsible for the establishment and maintenance of metering procedures specified in NER Chapter 7, except for procedures established and maintained under NER 7.17.

The procedures authorised by AEMO under NER Chapter 7 must be established and maintained by AEMO in accordance with the NER, including NER 7.16.7.

2.2 Context

AEMO has conducted the Consolidation Process to consolidate the Changed Procedures into the Consolidating Procedures, to enable 5MS and CS.

The Consolidation Process does not involve any substantive amendments to the obligations in the Consolidating Procedures. The previous changes to the Changed Procedures were consulted on during 2018-2021, in accordance with NER 8.9. Should any interested party want further changes that were not addressed during the previous consultations, they should be raised through the [Electricity Retail Consultative Forum](#) (ERCF) using the Issue/Change form.

The details of the Consolidating Procedures are as follows:

- Retail Electricity Market Procedures – Glossary and Framework v3.2 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
2.3	1 October 2021	NEM Customer Switching Consultation	17/10/2019	20/12/2019	31/03/2020
3.0	1 October 2021	Five Minute Settlement – Metering Procedure Changes Package 1	31/10/2018	30/01/2019	22/03/2019
3.1	1 October 2021	Five-Minute Settlement – Metering Procedure Changes (Package 2)	20/05/2019	5/08/2019	14/10/2019



Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
3.11	1 October 2021	Metering ICF Package Consultation August 2020	06/08/2020	09/10/2020	07/12/2020

- MSATS Procedures: CATS Procedure Principles and Obligations v4.913 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
4.8	20 May 2020	Metering ICF Package Consultation May 2019	20/05/2019	22/07/2019	17/09/2019
4.9	1 October 2021	NEM Customer Switching Consultation	17/10/2019	20/12/2019	31/03/2020
4.91	1 October 2021	MSATS Standing Data Review	24/02/2020	14/05/2020 (First Draft) 03/07/2020 (Second Draft)	07/09/2020
4.911	1 October 2021	Metering ICF Package Consultation August 2020	06/08/2020	09/10/2020	07/12/2020
4.912	1 October 2021	5MS/GS & Customer Switching B2M Consultation	12/01/2021	18/03/2021	28/04/2021

- MSATS Procedures: Procedure for the Management of WIGS NMs v4.913 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
4.8	20 May 2020	Metering ICF Package Consultation May 2019	20/05/2019	22/07/2019	17/09/2019
4.9	1 October 2021	NEM Customer Switching Consultation	17/10/2019	20/12/2019	31/03/2020
4.91	1 October 2021	MSATS Standing Data Review	24/02/2020	14/05/2020 (First Draft) 03/07/2020 (Second Draft)	07/09/2020



Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
4.911	1 October 2021	Metering ICF Package Consultation August 2020	06/08/2020	09/10/2020	07/12/2020
4.912	1 October 2021	5MS/GS & Customer Switching B2M Consultation	12/01/2021	18/03/2021	28/04/2021

- Standing Data for MSATS v4.52 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
4.5	1 October 2021	MSATS Standing Data Review	24/02/2020	14/05/2020 (First Draft) 03/07/2020 (Second Draft)	07/09/2020
4.51	1 October 2021	Metering ICF Package Consultation August 2020	06/08/2020	09/10/2020	07/12/2020

- Metrology Procedure: Part A v7.01 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
6.05	20 May 2020	Metering ICF Package Consultation May 2019	20/05/2019	22/07/2019	17/09/2019
7.0	1 October 2021	Five Minute Settlement – Metering Procedure Changes Package 1	31/10/2018	30/01/2019	22/03/2019
7.1	1 October 2021	Five-Minute Settlement – Metering Procedure Changes (Package 2)	20/05/2019	5/08/2019	14/10/2019



- Metrology Procedure: Part B v7.011 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
6.1	20 May 2020	Metering ICF Package Consultation May 2019	20/05/2019	22/07/2019	17/09/2019
7.0	1 October 2021	Five Minute Settlement – Metering Procedure Changes Package 1	31/10/2018	30/01/2019	22/03/2019
7.01	1 October 2021	Metering ICF Package Consultation August 2020	06/08/2020	09/10/2020	07/12/2020

- Service Level Procedure: Metering Data Provision Services v2.1 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
1.8	20 May 2020	Metering ICF Package Consultation May 2019	20/05/2019	22/07/2019	17/09/2019
2.0	1 October 2021	Five-Minute Settlement – Metering Procedure Changes (Package 2)	20/05/2019	5/08/2019	14/10/2019

- Meter Data File Format Specification NEM12 & NEM13 v2.4 is a consolidation of the versions which are listed in the table below.

Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
1.07	1 October 2021	NEM Customer Switching Consultation	17/10/2019	20/12/2019	31/03/2020
2.0	1 October 2021	Five Minute Settlement – Metering Procedure Changes Package 1	31/10/2018	30/01/2019	22/03/2019
2.1	1 October 2021	Five-Minute Settlement – Metering Procedure Changes (Package 2)	20/05/2019	5/08/2019	14/10/2019
2.2	1 October 2021	Metering ICF Package Consultation August 2020	06/08/2020	09/10/2020	07/12/2020



Version	Effective Date	Consultation Name	Notice of Consultation	Draft Report	Final Report and Determination
2.3	1 October 2021	5MS/GS & Customer Switching B2M Consultation	12/01/2021	18/03/2021	28/04/2021

For reference, AEMO has provided the updated:

- Retail Electricity Market Procedures Version History Tables (version 2, May 2021), as published on the [ERCF webpage](#).
- [Technical Guide to MSATS](#), which was produced as part of the changes made to the CATS Procedure during the CS consultation as a supplement to the MSATS B2M policies, procedures and guides, to provide an understanding of MSATS functionality and business rules.

In future, among others, AEMO intends to consolidate:

- Procedures effective 24 October 2021, including in respect of the Wholesale Demand Response Mechanism (WDRM).
- Procedures effective 1 May 2022, including in respect of GS, as well as the MSATS Standing Data Review (MSDR) Phase 1.
- Procedures effective 7 November 2022, including in respect of MSDR Phase 2.

3. FINAL DETERMINATION

Having considered the matters raised in submissions, AEMO's final determination is to consolidate the Consolidating Procedures in the form published with this Final Report, in accordance with NER Chapter 7.



APPENDIX A. SUMMARY OF SUBMISSIONS AND AEMO RESPONSE

Table 1 Questions on proposed changes

No.	Heading	Consulted person	Issue	AEMO response																																																																																																																																																									
1.	Has AEMO consolidated the procedures effective 1 October 2021 correctly?	AGL	AGL believes that the procedures have been consolidated correctly.	AEMO notes the respondent’s support for the consolidation of changes.																																																																																																																																																									
2.	Has AEMO consolidated the procedures effective 1 October 2021 correctly?	CitiPower Powercor	<p>CATS – 4.3 Objection Codes and Rules (a) (i) CitiPower Powercor recommends that a Participant should have at least two business days to respond to the request from AEMO and produce evidence to substantiate raising an objection. We also recommend that sub-clause (iii) be removed as it appears to be a duplicate of (i). SLP MDP – 3.12.5 Method of Delivery of Data (C) (ii) CitiPower Powercor recommends that the second dot point be expanded to ‘AEMO will accept accumulation meter data <i>in either format</i>’. WIGS – Table 2-B – Change Request Status Notification Rules Status notification table for CR1000 does not match the information provided in v4.9, v4.91, v4.911 and v4.912. Details published in v4.913 (page 10) are as follows:</p> <table border="1"> <thead> <tr> <th colspan="18">PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change</th> </tr> <tr> <th rowspan="2">Status Change</th> <th colspan="2">FRMP</th> <th colspan="2">LR</th> <th colspan="2">LNSP</th> <th colspan="2">MDP</th> <th colspan="2">MPB</th> <th colspan="2">RoLR</th> <th colspan="2">NSP2</th> <th colspan="2">RP</th> </tr> <tr> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>CANCELLED</td> <td>Yes</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> <td>Yes</td> <td>Yes_</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> </tr> <tr> <td>COMPLETED</td> <td>Yes</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes_</td> <td>Yes</td> <td>Yes_</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>OBJECTED</td> <td>Yes</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> <td>Yes</td> <td>Yes_</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> </tr> <tr> <td>PENDING</td> <td>Yes</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> <td>Yes</td> <td>Yes_</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> </tr> <tr> <td>REJECTED</td> <td>Yes</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> </tr> <tr> <td>REQUESTED</td> <td>Yes</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> <td>Yes</td> <td>Yes_</td> <td>Yes_</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes_</td> <td>Yes_</td> </tr> </tbody> </table> <p>** N = New Role, C = Current Role.</p>	PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change																		Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		NSP2		RP		N	C	N	C	N	C	N	C	N	C	N	C	N	C	N	C	CANCELLED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_	COMPLETED	Yes	Yes_	-	-	-	Yes	Yes_	Yes	Yes_	Yes	-	-	-	Yes	Yes	Yes	OBJECTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_	PENDING	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_	REJECTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	-	-	-	-	-	-	Yes_	Yes_	REQUESTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_	<p>AEMO notes the respondent’s comments. For the proposed changes to CATS 4.3 and SLP MDP 3.12.5, AEMO notes the proposals are outside the scope of this consolidation exercise and requests the respondent raise Issue/Change Forms (ICFs) with the Electricity Retail Consultative Forum (ERCF) to consider the changes. The WIGS Table 2-B in v4.913 will be corrected. AEMO has taken steps to ensure that Table 2-B in the clean final determination and effective date versions of WIGS is consistent</p>
PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change																																																																																																																																																													
Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		NSP2		RP																																																																																																																																														
	N	C	N	C	N	C	N	C	N	C	N	C	N	C	N	C																																																																																																																																													
CANCELLED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_																																																																																																																																													
COMPLETED	Yes	Yes_	-	-	-	Yes	Yes_	Yes	Yes_	Yes	-	-	-	Yes	Yes	Yes																																																																																																																																													
OBJECTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_																																																																																																																																													
PENDING	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_																																																																																																																																													
REJECTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	-	-	-	-	-	-	Yes_	Yes_																																																																																																																																													
REQUESTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_																																																																																																																																													



Details published in v4.9, v4.91, v4.911 and v4.912 are as follows:

Table 2-B – Change Request Status Notification Rules**

CR 1000 – Change Retailer

PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		NSP2		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
COMPLETED	Yes	Yes	-	-	-	Yes	-	Yes	-	Yes	-	-	-	Yes	Yes	Yes
OBJECTED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
PENDING	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
REJECTED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
REQUESTED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-

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

with the change marked final determination version, after having identified a minor inconsistency.

3.	Has AEMO consolidated the procedures effective 1 October 2021 correctly?	Jemena	Yes, we support the consolidation of 5MS and CS	AEMO notes the respondent's support for the consolidation of changes.
4.	Has AEMO consolidated the procedures effective 1 October 2021 correctly?	Origin Energy	Origin are unaware of any oversight in the consolidation process.	AEMO notes the respondent's support for the consolidation of changes.
5.	Has AEMO consolidated the procedures effective 1 October 2021 correctly?	United Energy	<p>CATS – 4.3 Objection Codes and Rules</p> <p>(a) (i) United Energy recommends that a Participant should have at least two business days to respond to the request from AEMO and produce evidence to substantiate raising an objection. We also recommend that sub-clause (iii) be removed as it appears to be a duplicate of (i).</p> <p>SLP MDP – 3.12.5 Method of Delivery of Data</p> <p>(C) (ii) United Energy recommends that the second dot point be expanded to 'AEMO will accept</p>	AEMO notes the respondent's comments and refers to the response provided in Table 1, Item 2.



accumulation meter data *in either format*.
 WIGS – Table 2-B – Change Request Status Notification Rules
 Status notification table for CR1000 does not match the information provided in v4.9, v4.91, v4.911 and v4.912.
 Details published in v4.913 (page 10) are as follows:

PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		NSP2		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_
COMPLETED	Yes	Yes_	-	-	-	Yes	Yes_	Yes	Yes_	Yes	-	-	-	Yes	Yes	Yes
OBJECTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_
PENDING	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_
REJECTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	-	-	-	-	-	-	Yes_	Yes_
REQUESTED	Yes	Yes_	-	-	-	Yes_	Yes_	Yes	Yes_	Yes_	-	-	-	-	Yes_	Yes_

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

Details published in v4.9, v4.91, v4.911 and v4.912 are as follows:

Table 2-B – Change Request Status Notification Rules**
 CR 1000 – Change Retailer

PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		NSP2		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
COMPLETED	Yes	Yes	-	-	-	Yes	-	Yes	-	Yes	-	-	-	Yes	Yes	Yes
OBJECTED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
PENDING	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
REJECTED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-
REQUESTED	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	Yes	-

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

6. What is the nature of any

AGL

See examples below.
 Some drafting can be improved without changing intent and cleaned up, in particular CI 4.3 MSATS: CATS.

AEMO notes the respondent's



	unintended consequences or errors in the consolidation?			comments. The proposed changes are outside the scope of this consolidation exercise and requests the respondent raise ICFs with the ERCF to consider the changes.
7.	What is the nature of any unintended consequences or errors in the consolidation?	Jemena	Important to note that now 5MS and CS are consolidated they CANNOT be separated out without a large amount of rework and time required	AEMO notes the respondent's comment on the linkage between 5MS and CS.
8.	What is the nature of any unintended consequences or errors in the consolidation?	Origin Energy	As above.	AEMO notes the respondent's support for the consolidation of changes.
9.	What are the alternative or additional proposals which you consider may better meet the objectives of the consolidation?	AGL	See below – Following the completion of this consultation, AGL suggests that the Glossary could use a careful review / tidy up.	AEMO notes the respondent's comments. The proposed changes are outside the scope of this consolidation exercise and requests the respondent raise ICFs with the ERCF to consider the changes.
10.	What are the alternative or additional proposals which you consider may	CitiPower Powercor	CitiPower Powercor recommends that any future consolidation of procedures is done at the time a new consultation commences, i.e. when the Customer Switching consultation commenced it should've already included known changes for 5MS. This will ensure participants can see all changes concurrently thus eliminating confusion and uncertainty. Another way to consolidate the procedures all at once is to highlight or use an asterisk and add an effective	AEMO notes the respondent's comment. At the time the CS consultation occurred not all 5MS consultations had been



	better meet the objectives of the consolidation?		date for when these become effective.	completed as further 5MS changes were discovered following the initial series of 5MS consultations. The current long lead time on some initiatives have led to a non-sequential order of consultations resulting in the need for consolidations.
11.	What are the alternative or additional proposals which you consider may better meet the objectives of the consolidation?	Jemena	No	AEMO notes the respondent's comment.
12.	What are the alternative or additional proposals which you consider may better meet the objectives of the consolidation?	Origin Energy	Origin appreciates there were a number of industry changes such as 5MS, CS, MSDR, ICF packages, WDRM that require different sets of procedure versions. The overlapping of industry changes caused the requirement for different versions. The ability to close out the final determination before commencing any further consultation process would have allowed the changes to be managed incrementally but taken longer.	AEMO notes the respondent's comment.
13.	What are the alternative or additional proposals which you consider may better meet	United Energy	United Energy recommends that any future consolidation of procedures is done at the time a new consultation commences, i.e. when the Customer Switching consultation commenced it should've already included known changes for 5MS. This will ensure participants can see all changes concurrently thus eliminating confusion and uncertainty. Another way to consolidate the procedures all at once is to highlight or use an asterisk and add an effective date for when these become effective.	AEMO notes the respondent's comment and refers to the response provided in Table 1, Item 10.



	the objectives of the consolidation?			
14.	Do you have any further questions or comments in relation to the consolidation?	AGL	See comments above and below.	AEMO notes the respondent's comments and refers to the response provided in Table 1, Item 9.
15.	Do you have any further questions or comments in relation to the consolidation?	Jemena	No	AEMO notes the respondent's comment.
16.	Do you have any further questions or comments in relation to the consolidation?	Origin Energy	Does AEMO plan to include the consolidation of its procedures into future versions? For instance, CATS Procedure, 4.913 (consolidated); should be incorporated into future date procedure version history. eg. CATS Procedures 4.92 (which were the changes for WDRM).	AEMO intends to perform consolidation exercises for each future effective date. The next consolidation exercise will produce final versions for 24 October 2021, the effective date for Wholesale Demand Response.

Further comments provided by AGL

General Comment

There seems to be a very inconsistent use of capitalisation of numbered and sub-numbered clauses. For instance, there are a number of capitalisations through the Metrology – Part B procedure, (although this is not applied consistently – eg 3.3.38). However, the same has not occurred in the CATS procedure.

Document: Retail Glossary; Metrology Part B; MSATS: CATS.



On reviewing the Retail Glossary, there seem to be a number of poor definitions and inconsistent application of acronyms. Some examples are shown below. AGL suggest that an update be undertaken to bring the Glossary up to date.

Section	Description	Participant Comments
5 Glossary	Consistent approach	Some definitions have both the acronym and the full title separately shown in the glossary – eg ENLR / Embedded Network Service Provider – whereas other definitions place the full title in the definition – eg EENSP. AGL suggests that a consistent approach be adopted for these terms which may be known by acronyms and their extended title and consistent formatting – eg ASP, or HV CT.
5 Glossary	'Current Participant'	The proposed change refers to CI 2.11 (presumably of the Glossary), which in turn simply states that: 'The NMI Master Record will always detail the 'Current' Roles associated with a NMI.' While it is useful to understand where the current roles are identified, this does not give clarity as to what a current role is. AGL suggests that the definition be extended to include some reference to the Participant having obligations for activities at that NMI at that point in time.
5 Glossary	'Field Validation Rules'	The definition is useful, but it does not assist the reader in identifying where the validation rules may be found, which can be very useful during development or in assessing transaction errors
5 Glossary	First-Tier load	First -Tier load refers to local retailer which is not defined, although LR is specified. Also, with Global settlement, this definition should be reviewed.
5 Glossary	Historical data	While Metering Data is the most likely historical Data, participant roles and NMI status are may also represent historical Data. Suggest updating the definition.
5 Glossary	Lot Number	Lot Numbers do not expire when street numbers are assigned.
5 Glossary	LR	See comment above
5 Glossary	Manually Read	It is interesting that the definition refers to data collection by using the inverse of remote collection. It would be better to specify that it is by a physical visit to the meter with a manual interaction to collect the data – either viewing the registers or downloading via a cable.



Section	Description	Participant Comments
5 Glossary	New [Participant/Role]	See comments above re current role.
5 Glossary	Off-Market	The definition is quite specific, however, the term is also used to describe transactions not undertaken via B2B or B2M. Suggest update the definition.
5 Glossary	Previous Read Dates	Previous Read Dates are records of dates where data has been provided by the MDP and recorded in MSATS – not provided by MSATS.
5 Glossary	Previous Read Quality Flag	MSATS records the read quality based on information in the meter data file. Suggest update the definition.
5 Glossary	Second Tier Load	Update for Global Settlements
5 Glossary	UFE	A reference to how this amount is calculated would be helpful. Suggest update the definition.
5 Glossary	New definition	Non-Contestable unmetered load is not defined, nor is type 7 load.

Document: Metrology Procedure -Part B



Section	Description	Participant Comments
Met – Part B	CI 11.4	<p>Both the calculation and formula specify 'TI load (including type 7) ..' but it is unclear if Non contestable unmetered load should also be included in this calculation, as there is generally a distinction between type 7 (which is defined as a market load - see CI 13.1) and other non-contestable loads within the procedures.</p> <p>Also note: CI 3.11. of the SLP_MDP specifically separates type 7 and non-contestable</p> <div data-bbox="813 427 2047 655" style="border: 1px solid red; padding: 10px;"><p>3.11. Specific Metering Data Estimation Requirements for Manually Read Metering Installations and Calculated Metering Data</p><p>(a) Each MDP must have a process for the creation of <i>estimated metering data</i> for metering installation types 4A, 5, 6 and 7 <u>and for non-contestable unmetered loads.</u></p></div>



Section	Description	Participant Comments
CI 2.1(e)	Missing number identifier	CI 2.1(e) has three obligations although the third (regarding compliance) is not separately numbered
CI; 4.3	Badly ordered and the third reason is the same as the first reason	Suggest: <ul style="list-style-type: none"> (a) A participant can only object using the codes listed in Table 4-C; (b) The basis of using such an Objection Code is that the Participant is able to produce evidence to substantiate that the Objection was: <ul style="list-style-type: none"> i. Fair and reasonable... ii. << compliant??>>>>
		Etc