

5MS/GS & CUSTOMER SWITCHING B2M CONSULTATION

FINAL REPORT AND DETERMINATION

Published: **April 2021**





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EXECUTIVE SUMMARY

The publication of this Final Report and Determination (Final Report) concludes the National Electricity Rules (NER) consultation process conducted by AEMO in respect of proposed amendments to the following National Electricity Market (NEM) metering procedures and other documents (Package Documents):

- Meter Data File Format Specification NEM12 & NEM13 (MDFP Specification).
- Metrology Procedure: Part B (Metrology Procedure).
- Market Settlements and Transfer Solution (MSATS) Procedures: CATS Procedure Principles and Obligations (CATS Procedure).
- MSATS Procedures – MDM Procedure (MDM Procedure).

The key proposed amendments relate to Five Minute Settlement/Global Settlement (5MS/GS) and Customer Switching (CS).

The Draft Report, published on 18 March 2021, detailed these proposed amendments.

AEMO received three submissions from retailers, Local Network Service Providers (LNSPs), Meter Providers (MPs), Metering Data Providers (MDPs) and intending participants.

Overall, respondents indicated broad support for the proposed amendments. AEMO has identified no material issues.

Accordingly, AEMO's Final Determination amends the Package Documents in the form published with this Final Report. AEMO proposes that the amended Package Documents will come into effect in line with the effective dates in respect of 5MS/GS and CS.



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1. STAKEHOLDER CONSULTATION PROCESS

AEMO consulted on the proposed amendments to the Package Documents in accordance with the Rules consultation procedures in NER section 8.9, as required by NER 7.16.7.

The table below outlines the consultation steps which AEMO has undertaken.

Deliverable	Indicative date
Issues Paper published	12 January 2021
Submissions due on Issues Paper	18 February 2021
Draft Report published	18 March 2021
Submissions due on Draft Report	1 April 2021
Final Report published	23 April 2021

The publication of this Final Report marks the completion of the consultation.

A glossary of terms used in this Final Report is at Appendix A.

2. BACKGROUND

2.1. NER requirements

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

The procedures authorised by AEMO under Chapter 7 must be established and amended by AEMO in accordance with the Rules consultation procedures.

2.2. Context for this consultation

AEMO engages on its Retail Electricity Market Procedures through the Electricity Retail Consultative Forum (ERCF). The forums and groups specific to the National Electricity Market (NEM) retail sector are detailed on AEMO's website: <http://www.aemo.com.au/Stakeholder-Consultation/Industry-forums-and-working-groups>.

Within this context, AEMO proposed changes to the Package Documents which relate to 5MS/GS and CS, as set out in Table 1.

Table 1 Proposed changes

ID	Subject	Document changing
5MS/GS	Changes resulting from review of 5MS/GS	MDM Procedure Metrology Procedure MDFF Specification



ID	Subject	Document changing
Customer Switching	Changes resulting from review of Customer Switching Reversal Change Requests (CRs) CR1060 and CR1061	CATS Procedure MSATS Procedures: Procedure for the Management of WIGS NMIs (WIGS Procedure) (version only)

2.3. First stage consultation

On 12 January 2021, AEMO issued the Notice of First Stage Consultation, the Issues Paper and the initial draft amended Package Documents. This information is available on [AEMO's website](#).

The Issues Paper included a summary of the proposed changes, as well as details of AEMO's stakeholder engagement, including through the ERCF.

In response, AEMO received eight submissions.

AEMO published copies of all written submissions (excluding any confidential information) on AEMO's website: <https://www.aemo.com.au/consultations/current-and-closed-consultations/5ms-gs-customer-switching-b2m-consultation>.

2.4. Second stage consultation

On 18 March 2021, AEMO issued the Notice of Second Stage Consultation, the Draft Report and the draft amended Package Documents. This information is available on [AEMO's website](#).

The Draft Report included a summary of the proposed changes, as well as details of AEMO's stakeholder engagement, including through the ERCF.

In response, AEMO received three submissions.

AEMO published copies of all written submissions (excluding any confidential information) on AEMO's website: <https://www.aemo.com.au/consultations/current-and-closed-consultations/5ms-gs-customer-switching-b2m-consultation>.

3. SUMMARY OF MATERIAL ISSUES

A detailed summary of the issues raised by Consulted Persons in submissions, together with AEMO's responses, is contained in Appendix B.

No material issues were identified.



4. OTHER MATTERS

AEMO received feedback to propose an additional minor amendment to the Package Documents.

AEMO amended the Package Documents, as shown in the track changed versions which are published with this Final Report, given that the proposed amendment improves consistency, without changing the meaning of the relevant obligation.

AEMO proposes that the amended Package Documents will come into effect in line with the effective dates in respect of 5MS/GS and CS.



5. FINAL DETERMINATION

AEMO's Final Determination is to amend the following Package Documents in the form published with this Final Report, in accordance with NER Chapter 7:

- MSATS Procedures: CATS v4.912 Final Determination Change Marked
- MSATS Procedures: CATS v4.912 Final Determination Clean
- MSATS Procedures: WIGS v4.912 Final Determination Change Marked
- MSATS Procedures: WIGS v4.912 Final Determination Clean
- Metrology Procedure: Part B v7.21 Final Determination Change Marked
- Metrology Procedure: Part B v7.21 Final Determination Clean
- Meter Data File Format Specification v2.3 Final Determination Change Marked
- Meter Data File Format Specification v2.3 Final Determination Clean
- MSATS Procedures – MDM Procedure v4.2 Final Determination Change Marked
- MSATS Procedures – MDM Procedure v4.2 Final Determination Clean



APPENDIX A. GLOSSARY

Term or acronym	Meaning
5MS	Five Minute Settlement
CATS	Consumer Administration and Transfer Solution, a part of MSATS.
CR	Change Request
GS	Global Settlement
LNSP	Local Network Service Provider
MDP	Metering Data Provider
MP	Metering Provider
MSATS	Market Settlements and Transfer Solution
NMI	National Metering Identifier
WIGS	Wholesale, Interconnector, Generator and Sample



APPENDIX B. SUMMARY OF SECOND STAGE SUBMISSIONS AND AEMO RESPONSES

Table 2 MSATS Procedures: CATS

No.	Section	Consulted person	Issue	AEMO response
1.	7.1.4(b)	AGL	AGL supports the transaction	AEMO notes the respondent's support for the proposed change.
2.	7.1.4(b)	Jemena	Agree to the insertion of new mandatory field – Proposed Change Date	AEMO notes the respondent's support for the proposed change.
3.	7.1.4(b)	Origin Energy	The change to Procedures is noted.	
4.	7.1.4(c)	AGL	AGL supports the additional note associated with the change request drafting.	AEMO notes the respondent's support for the proposed change.
5.	7.1.4(c)	Jemena	<p>Agree to the insertion of paragraph (c) and suggest the following approach for the insertion of suggested note in order to retain the existing format of presenting information within the MSATS Procedures.</p> <p>(c) May align the Proposed Change Date¹ to the Current Date or the Actual Change Date of the initial Change Request</p> <p>¹ A date is required for the transaction validity. However, the transaction will operate on the actual date of the transaction being reversed, not necessarily the date nominated in the Proposed Change Date field</p>	<p>AEMO notes the respondent's support for the proposed change.</p> <p>AEMO has updated the note to reflect the existing footnote format used throughout the procedure.</p>
6.	7.1.4(c)	Origin Energy	The reversal process for small transfers has been qualified with a new field (Proposed Change Date) and a clarifying note to inform FRMPs that the actual change date will be the process date of the reversal transaction (CR1060 or CR1061) – noted.	
7.	7.1.7 Table 7-B	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
8.	7.1.7 Table 7-B	Jemena	Agree as it will reflect the info in the MSATS 47.00 Tech Spec Section 4.3(8)	AEMO notes the respondent's support for the proposed change.
9.	7.1.7 Table 7-B	Origin Energy	The notification table change is noted.	



No.	Section	Consulted person	Issue	AEMO response
10.	7.1.7 Table 7-C	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
11.	7.1.7 Table 7-C	Jemena	Agree as it will reflect the info in the MSATS 47.00 Tech Spec Section 4.3(8)	AEMO notes the respondent's support for the proposed change.
12.	7.1.7 Table 7-C	Origin Energy	The notification table change is noted.	

Table 3 MSATS Procedures: WIGS

No.	Section	Consulted person	Issue	AEMO response
1.	Version	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
2.	Version	Jemena	Agree	AEMO notes the respondent's support for the proposed change.
3.	Version	Origin Energy	The numbering change is noted.	

Table 4 Meter Data File Format Specification

No.	Section	Consulted person	Issue	AEMO response
1.	3.3.1(b)	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
2.	3.3.1(b)	Jemena	Agree	AEMO notes the respondent's support for the proposed change.
3.	3.3.1(b)	Origin Energy	The updated clause is noted.	

**Table 5 MSATS Procedure: MDM Procedure**

No.	Section	Consulted person	Issue	AEMO response
1.	3.2.3(b)	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
2.	3.2.3(b)	Jemena	No Comments	
3.	3.2.3(b)	Origin Energy	The change to the NSLP calculation is noted.	
4.	9.2	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
5.	9.2	Jemena	Agree	AEMO notes the respondent's support for the proposed change.
6.	9.2	Origin Energy	The typo correction is noted.	
7.	9.13	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
8.	9.13	Jemena	Agree	AEMO notes the respondent's support for the proposed change.
9.	9.13	Origin Energy	The additional text is noted	

Table 6 Metrology Procedure: Part B

No.	Section	Consulted person	Issue	AEMO response
1.	11.3.3(c)	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
2.	11.3.3(c)	Jemena	No comments	
3.	11.3.3(c)	Origin Energy	The additional details are noted.	



No.	Section	Consulted person	Issue	AEMO response
4.	11.4(b)	AGL	AGL supports the change	AEMO notes the respondent's support for the proposed change.
5.	11.4(b)	Jemena	No comments	
6.	11.4(b)	Origin Energy	The equation changes are noted.	

Table 7 Other Issues Related to Consultation Subject Matter

No.	Heading	Consulted person	Issue	AEMO response
1.	Are there better options to accommodate the change proposals, that better achieve the required objectives? What are the pros and cons of these options? How would they be implemented?	AGL	AGL has no further comments	
2.	Are there better options to accommodate the change proposals, that better achieve the required objectives? What are the pros and cons of these options? How would they be implemented?	Origin Energy	No comment	



No.	Heading	Consulted person	Issue	AEMO response
3.	What are the main challenges in adopting these proposed changes? How should these challenges be addressed?	AGL	<p>The new transaction required for faster Transfer will have to be built and tested during a period of intense system development for 5ms/global.</p> <p>The requirement to develop these changes coincidentally places unnecessary stress on AGL and industry system development.</p> <p>As the AEMO Regulatory roadmap is a good start, but only covers AEMC Industry changes and does not cover other regulatory changes (eg Distribution Code, retailer billing etc)></p> <p>However, the Roadmap is a framework which should form a part of the ongoing dialogue at all levels, and gaps need to be allowed for participant driven efficiency changes, specific regulator and jurisdictional changes which impact networks and retailers (eg like changes expected to arise from the AER billing Guidelines, Victorian ESC changes, etc).</p>	AEMO notes the respondent's comment.
4.	What are the main challenges in adopting these proposed changes? How should these challenges be addressed?	Origin Energy	No comment	