



Amalgamation of MSATS CATS and WIGS Procedures

Final Report – Expedited consultation
for the National Electricity Market

Published: 15 November 2024

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Executive summary

The publication of this final report (**Final Report**) concludes the expedited rules consultation procedure conducted by AEMO (**Consultation**) on the proposal (**Proposal**) to amalgamate the MSATS CATS and WIGS Procedures effective 15 November 2024. The Proposal is to amend the following documents (**Documents**) into a single document:

- MSATS Procedures: CATS Procedure.
- MSATS Procedures: WIGS Procedure.

In addition, AEMO proposed to update the following documents impacted by the amalgamation of the MSATS CATS and WIGS Procedures:

- Retail Electricity Market Procedures – Glossary and Framework.
- MSATS Procedures - MDM Procedure
- Standing Data for MSATS
- MSATS National Metering Identifier Procedure
- NMI Standing Data Schedule

AEMO thanks all stakeholders for their responses during the Consultation, which was undertaken in accordance with NER 8.9.1, following the procedure in NER 8.9.3.

The Amendments have been broadly supported by stakeholders in the Electricity Retail Change Forum (ERCF) and in this consultation.

AEMO's final determination on the Proposal is to amend the Documents in the form published with this Final Report, with an effective date of 15 November 2024.

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1. Stakeholder consultation process

AEMO conducted the Consultation in accordance with NER 8.9.3.

This Final Report uses terms defined in the NER, which are intended to have the same meanings. There is a glossary of additional terms and abbreviations in Appendix A.

AEMO's process and timeline for the Consultation are outlined below.

Table 1 Consultation process and timeline

Consultation steps	Dates
Draft Report published	20 September 2024
Submissions closed on Draft Report	21 October 2024
Final Report published	15 November 2024

AEMO's consultation webpage for the proposal is at <https://aemo.com.au/consultations/current-and-closed-consultations/amalgamation-of-msats-cats-and-wigs-procedures---expedited-consultation>, containing all published papers and reports, written submissions, and other consultation documents or reference material.

AEMO received two written responses to the Draft Report.

AEMO thanks all stakeholders for their responses to the Draft Report, which have been considered in preparing this Final Report.

2. Background

2.1. Context for this consultation

AEMO proposes to amalgamate the MSATS CATS and WIGS Procedures documents into a single document. The amalgamation will achieve the following benefits:

- Provide one source document for participants for the MSATS CATS and WIGS Procedures.
- Efficiency: avoid unnecessary duplicate work by AEMO when updating the two procedure documents with the same changes.
- Consistency: improve AEMO's ability to maintain consistency across both CATS and WIGS content by updating one document instead of two.
- Better version control: avoid the need to include the WIGS Procedure document in consultations when no changes have impacted WIGS just to continue to align the version numbers for both CATS and WIGS procedures.

AEMO considers the amalgamation to be a Non-Material Proposal. A Non-Material Proposal is a Proposal that, if implemented, will be unlikely to have a significant effect in the NEM on the activities of the Registered Participants to which the proposal relates. There will be no change to the rights and obligations of participants arising from the amalgamation, rather the two procedure documents are proposed to be amalgamated into one document to provide one source document.

2.2. NER requirements

NER 7.16.1 requires AEMO to maintain the procedures specified in NER Chapter 7 (except for procedures under NER 7.17) in accordance with the Rules consultation procedures.

2.3. The national electricity objective

Within the specific requirements of the NER applicable to the Proposal, AEMO seeks to make a determination that is consistent with the national electricity objective (**NEO**) and, where considering options, to select the one best aligned with the NEO.

The NEO is expressed in section 7 of the National Electricity Law as:

to promote efficient investment in, and efficient operation and use of, electricity services for the long term interests of consumers of electricity with respect to:

- price, quality, safety, reliability and security of supply of electricity; and*
- the reliability, safety and security of the national electricity system; and*
- the achievement of targets set by a participating jurisdiction—*
 - for reducing Australia's greenhouse gas emissions; or*
 - that are likely to contribute to reducing Australia's greenhouse gas emissions.*

3. List of material issues

The issues raised in responses to the Draft Report are summarised in Table 2.

Table 2 Summary of material issues

No.	Issue	Raised by
1.	NMI Classification Codes Listed in Change Requests	AGL
2.	Version Number for the Amalgamated Procedure	AGL and Red and Lumo Energy

The detailed table of issues raised in stakeholder responses to the Draft Report, together with AEMO's responses, is contained in Appendix B.

Each of the material issues in Table 2 is discussed in Section 4.

4. Discussion of material issues

4.1. NMI Classification Codes Listed in Change Requests

4.1.1. Issue summary and submissions

AGL recommended including in the amalgamated “MSATS Procedures: Principles and Obligations for All Connection Points” document the full list of NMI classification codes at the beginning of each Change Request (CR) section (as per table 4-D in the “MSATS Procedures: Principles and Obligations for All Connection Points” document) and including a YES/NO indication against each NMI classification code to indicate its relevance for that CR section. AGL’s reasoning was that the proposed document would require comparing two tables (the NMI Classification Codes and CRs table and Change Request Status Notification Rules table in each CR section) to identify the variances. AGL also recommended listing all applicable NMI classification codes in the table headings in the objection rules and CR notifications rules sections.

4.1.2. AEMO’s assessment

AEMO developed the tables at the beginning of the CR sections for “NMI Classification Codes and CRs” and aimed to keep them concise and simple by only including the NMI classification codes applicable to the CRs involved. This has also been clarified in the last point of each “Conditions Precedent” section before each table. The headings of the tables in the sections of the objection rules and notification rules align with those CR specific NMI classification codes tables. AEMO believes this approach is more precise, simpler, and efficient.

4.1.3. AEMO’s conclusion

AEMO concludes the tables at the beginning of the CR sections for “NMI Classification Codes and CRs” in the amalgamated “MSATS Procedures: Principles and Obligations for All Connection Points” document will be kept concise and simple by only including the NMI classification codes applicable to the CRs involved. This has also been clarified in the last point of each “Conditions Precedent” section before the table. The headings of the tables in the sections of the objection rules and notification rules will remain aligned with those CR specific NMI classification codes tables.

4.2. Version Number for the Amalgamated Procedure

4.2.1. Issue summary and submissions

In the draft determination stage of the consultation, AEMO asked stakeholders if they agreed with the proposed version number of v6.0 for the amalgamated “MSATS Procedures: Principles and Obligations for All Connection Points” document or if it should be given the version number v1.0.

- AGL responded that either option is understandable, but a higher version number makes it clear that there are historical versions of the document.
- Red Energy and Lumo Energy agreed with AEMO’s proposal to apply a version number of 6.0 to the amalgamated document.

4.2.2. AEMO's assessment

AEMO assesses a higher version number as 6.0 for the amalgamated “MSATS Procedures: Principles and Obligations for All Connection Points” document is preferred to keep track of the version history and the changes of the document.

4.2.3. AEMO's conclusion

AEMO concludes proposed version 6.0 will be retained for the amalgamated “MSATS Procedures: Principles and Obligations for All Connection Points” document.

5. Final determination on proposal

Having considered the matters raised in the responses to the Draft Report, AEMO's final determination is to undertake the Amendments to the following documents in the form published with this Final Reports, in accordance with NER 7.16.1:

- MSATS Procedures: Principles and Obligations for All Connection Points v6.0

This is the amalgamated MSATS CATS and WIGS Procedure which is created from merging the following two current Procedures' versions:

- MSATS Procedures - WIGS v5.71
- MSATS Procedures - CATS v5.8
- Retail Electricity Market Procedures – Glossary and Framework v4.3
- MSATS Procedures - MDM Procedure v4.7
- Standing Data for MSATS v5.9
- MSATS National Metering Identifier Procedure v7.3
- NMI Standing Data Schedule v1.2

Effective date

The effective date of this determination is 15 November 2024.

Appendix A. Glossary

Term or acronym	Meaning
CATS	Consumer Administration and Transfer Solution, a part of MSATS.
NER	National Electricity Rules
NMI	National Metering Identifier
MDM	The part of MSATS called 'Metering Data Management'
MSATS	Market Settlements and Transfer Solution
WIGS	Wholesale, Interconnector, Generator and Sample.

Appendix B. List of Submissions and AEMO Responses

Table 1- Feedback on MSATS CATS and WIGS Amalgamated Document: MSATS Procedures: Principles and Obligations for All Connection Points

No.	WIGS Section Number MSATS Procedures - WIGS v5.71	Amalgamated into Section Number MSATS Procedures: Principles and Obligations for All Connection Points v6.0	Participant	Participant Comments	AEMO response
1.	1.1. Purpose and Scope	1.1. Purpose and Scope	AGL	Agree – might consider adding the following for emphasis 'for all Connection Points (wholesale and retail) ...'	AEMO notes the respondent's support for the change and determines that adding the suggested words is not necessary as there is a reference to all connection points.
2.	1.2. Definitions and Interpretation	1.2. Definitions and Interpretation	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
3.	1.3. Commencement of Changes	1.4. Commencement of Changes	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
4.	1.4. WIGS Codes and Rules for a Change Request	4. Codes and Rules for a Change Request	AGL	Changes Noted. The NMI classifications in Table 4-D are no longer alphabetical – suggest updating the categories for this version.	AEMO notes the order of NMI Classifications in Table 4-D has not changed, however the order has been updated to be alphabetically ordered.
5.	1.5. Related documents	1.5. Related documents	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
6.	2.1. Change Retailer	6.1. Change Retailer	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
7.	2.2. Error Corrections	6.2. Error Corrections	AGL	Changes Noted. P48 NMI Classifications in Table 6-F other than those in Table 6-HG P49 All NMI Classifications in Table 6-F other than those in Table 6-J	AEMO notes the respondent's comment and suggestion. AEMO determines that the tables at the beginning of the CR sections for "NMI Classification Codes and CRs" should be kept concise and simple by only

No.	WIGS Section Number MSATS Procedures - WIGS v5.71	Amalgamated into Section Number MSATS Procedures: Principles and Obligations for All Connection Points v6.0	Participant	Participant Comments	AEMO response
				These headings should be removed, and the specific NMI classifications clearly called out. Its very confusing trying to work out what is / is not covered.	including the NMI classification codes applicable to the CRs involved. This has also been clarified in the last point of each “Conditions Precedent” section before the table. The headings of the tables in the sections of the objection rules and notification rules align with those CR specific NMI classification codes tables.
8.	3.1. Provide Actual Change Date	8.1. Provide Actual Change Date	AGL	8.1.2 (d) Table 8A would be more useful is the full list of NMI classifications (per table 4D) was used and the appropriate YES/NO's provided. As it is, you have to cross check two tables to identify the variances. 8.1.4 would then be updated to 'The MDP must for all NMI Classifications in Table 8-A flagged as YES:... ' 8.1.5 Typo – Table 8-B	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table. Fixed typo
9.	4.1. Create NMI	9.1. Create NMI	AGL	Table 9A / Table 9-M do not have the NMI categories ordered as per Table 4D – suggest the NMI category tables be kept consistent throughout the document	AEMO notes the respondent's comment, but prefers to keep the ordering of tables 9A/9-M as is, starting with SMALL and LARGE NMI classification codes because the majority of CRs are relevant to those NMI classifications.
10.	4.2. Create Child NMI	9.2. Create Child NMI	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
11.	4.3. Create NMI, Metering Installation Details and NMI Datastream	9.3. Create NMI, Metering Installation Details and NMI Datastream	AGL	9.3.6 – referring to a sub list of NMIs makes it very hard to identify the NMIs where the obligation does not exist.	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.

No.	WIGS Section Number MSATS Procedures - WIGS v5.71	Amalgamated into Section Number MSATS Procedures: Principles and Obligations for All Connection Points v6.0	Participant	Participant Comments	AEMO response
12.	5.1. Create and Change External Profile Shape	10.1. Create and Change External Profile Shape	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
13.	5.2. Create Metering Installation Details	11.1. Create Metering Installation Details	AGL	11.1.2 Table 11-A - see earlier comment. Prefer a complete list for NMI classifications suitably tagged YES/NO	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
14.	5.3. Exchange of Metering Information	11.2. Exchange of Metering Information	AGL	11.2.3 - Table 11-E - see earlier comment. Prefer a complete list for NMI classifications suitably tagged YES/NO	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
15.	5.4. Change Metering Installation Details	11.3. Change Metering Installation Details	AGL	11.3.2 – Table 11-I – see earlier comment. Prefer a complete list for NMI classifications suitably tagged YES/NO Table 11-L Complex to understand - Remove ' All NMI Classifications in Table 11-I other than those in Table 11-K ' and replace with specific NMI classifications	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
16.	5.5. Change Network Tariff Code	11.6. Change Network Tariff Code	AGL	11.3.2 – Table 11-U – see earlier comment. Prefer a complete list for NMI classifications suitably tagged YES/NO Table 11-W Complex to understand - Remove ' All NMI Classifications in Table 11-U other than those in Table 11-V ' and replace with specific NMI classifications	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
17.	6.1. Create NMI Datastream	12.1. Create NMI Datastream	AGL	12.1.2 – Table 12-A – see earlier comment. Prefer a complete list for NMI classifications suitably tagged YES/NO Table 12-D – Complex to understand – Remove ' All NMI Classifications in Table 12-A other than those in Table 12-C ' and replace with specific NMI classifications	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.

No.	WIGS Section Number MSATS Procedures - WIGS v5.71	Amalgamated into Section Number MSATS Procedures: Principles and Obligations for All Connection Points v6.0	Participant	Participant Comments	AEMO response
18.	6.2. Exchange of Datastream information	12.2. Exchange of Datastream Information	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
19.	6.3. Change NMI Datastream	12.3. Change NMI Datastream	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
20.	7.1. Backdate a NMI	13.2. Backdate NMI	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
21.	7.2. Change a NMI	13.3. Change NMI	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
22.	7.3. Change NMI – Last Consumer Change Date	13.5. Change NMI – Last Consumer Change Date	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
23.	7.4. Change NMI Embedded Network (child)	13.6. Change NMI Embedded Network – Child	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
24.	7.5. Change Parent Name	13.7. Change Parent Name	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
25.	8.1. Change LNSP	14.1. Change LNSP	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
26.	8.2. Change MDP	14.2. Change MDP	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
27.	8.3. Change MC	14.3. Change MC	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
28.	8.4. Change ENLR – Child NMI	14.4. Change ENLR – Child NMI	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.

No.	WIGS Section Number MSATS Procedures - WIGS v5.71	Amalgamated into Section Number MSATS Procedures: Principles and Obligations for All Connection Points v6.0	Participant	Participant Comments	AEMO response
29.	8.5. Change ROLR	14.5. Change ROLR	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
30.	8.6. Change MPB OR MPC or Both	14.6. Change MPB or MPC or Both	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
31.		14.7	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
32.	9.1. AEMO-Initiated Standing Data Updates	16.1. AEMO-Initiated Standing Data Updates	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
33.	9.2. CHANGE ROLE, TNI OR DLF – Bulk Change Tool (BCT)	16.2. Change Role, TNI or DLF CODE – Bulk Change Tool (BCT)	AGL	See above comments	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
34.	10.1. Change Local Retailer Embedded Network Child	15.1. Change Local Retailer Embedded Network Child	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
35.	10.2. Change Secondary FRMP Embedded Network Parent	15.2. Change Secondary FRMP Parent	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
36.	General Comment		AGL	Some of the drafting creates an unnecessary complexity for staff not as conversant with the CATS procedures. There are various sub-tables within the chapters for different CRs. It might be worth producing (even if its A3) an overall table of NMI classifications / CRs – in a similar vein as Table 17.	AEMO notes the respondent's comment and refers to AEMO's response in item 7 of this table.
37.	Participant Response		Red Energy and Lumo Energy	Red Energy and Lumo Energy support the proposed amalgamation of the MSATS CATS and WIGS Procedures and agree with AEMO's proposal to apply a version number of 6.0 to the amalgamated version.	AEMO notes the respondent's comment and support for the changes.

No.	WIGS Section Number	Amalgamated into Section Number	Participant	Participant Comments	AEMO response
	MSATS Procedures - WIGS v5.71	MSATS Procedures: Principles and Obligations for All Connection Points v6.0			
				We have not identified any issues with the proposed drafting at this time.	

Table 2 - Other Procedures' Updates

No.	Procedure Name	Description of Changes	Participant	Participant Comments	AEMO response
1.	Retail Electricity Market Procedures – Glossary and Framework v4.3	References to MSATS CATS and WIGS Procedures and the MSATS Procedures Suite is updated to refer to the new amalgamated document “MSATS Procedures: Principles and Obligations for All Connection Points”.	AGL	<p>CI 2.4.1.</p> <p>This joining of clauses seems to place more emphasis on the wholesale processes than the retail processes. Propose:</p> <p>The MSATS Procedures apply to the management of all connection points and NMI categories, both wholesale and retail.</p> <p>End User transactions and to wholesale; interconnector; integrated resource system; bulk supply; cross boundary and generation connection points and sample data used in settlements.</p>	AEMO agrees with the respondent’s comment and have updated the wording to the following: “The MSATS Procedures apply to the management of all connection points for all NMI classifications.”
2.	MSATS Procedures - MDM Procedure v4.7	References to MSATS CATS and WIGS Procedures are updated to refer to the new amalgamated document “MSATS Procedures: Principles and Obligations for All Connection Points”.	AGL	Changes Noted. No Comment	AEMO notes the respondent’s comment.
3.	Standing Data for MSATS v5.9	References to MSATS CATS and WIGS Procedures are updated to refer to the new amalgamated document “MSATS Procedures: Principles and Obligations for All Connection Points”. References to the CATS Standing Data will remain in the document as the references	AGL	Changes Noted. No Comment	AEMO notes the respondent’s comment.

No.	Procedure Name	Description of Changes	Participant	Participant Comments	AEMO response
		here are to the CATS database rather than to the CATS Procedure.			
4.	MSATS National Metering Identifier Procedure v7.3	References to MSATS CATS and WIGS Procedures are updated to refer to the new amalgamated document "MSATS Procedures: Principles and Obligations for All Connection Points".	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.
5.	NMI Standing Data Schedule v1.2	The document is updated to the current Procedure template. References to MSATS CATS and WIGS Procedures are updated to refer to the new amalgamated document "MSATS Procedures: Principles and Obligations for All Connection Points".	AGL	Changes Noted. No Comment	AEMO notes the respondent's comment.

Table 3 - Question – Version Number

No.	Question	Participant	Participant Comments	AEMO response
1.	1.Do you agree with the proposed version number of v6.0 for the amalgamated "MSATS Procedures: Principles and Obligations for All Connection Points" document or should it be given v1.0?	AGL	Either option is understandable, but a higher version number makes it clear that there are historical versions of the document.	AEMO notes the respondent's comment and agrees version 6.0 is preferred for the version history of the document.