

1. Proposed Changes

This section lists the changes proposed by participants or by AEMO since the last completed consultation *MDFF Spec*

- *Section A covers the proposed changes to the MDFF Spec*

NOTE: No proposed changes have been populated as this document is being treated as a brand new document. Please complete where necessary

Please include your comments in the ‘Participant Comment’ column below.

A. Proposed Changes to the MDFF Spec

Item	Description	Participant Responses to Draft Determination	AEMO/MSWG Comments
Format	Glossary (d) In this document, a word or phrase that is <i>in this style</i> (i.e. italicised and underlined) is a reference to a specific field or record within the MDFF. In this document, diagrams are provided as an overview. If there are ambiguities between a diagram and the text, the text shall take precedence.	EA: Were these two clauses meant to become one? EnergyAustralia suggests return to two clauses. If remaining combined remove the second “In this document”.	AEMO – accepted should be 2 clauses (d) In this document, a word or phrase that is <i>in this style</i> (i.e. italicised and underlined) is a reference to a specific field or record within the MDFF. (e) In this document, diagrams are provided as an overview. If there are ambiguities between a diagram and the text, the text shall take precedence.
Format	Whole document	EA: Inconsistent use of day and day. Is day to be in italics or not?	AEMO – accepted. Updated document and italicised where day is used in the same context as the Rules definition
General	Review use of <i>Market Participants, Service</i>	EA:	AEMO/MSWG agreed that

	<i>Providers and Registered Participants.</i>	Please review all uses of this in the document; see comments for 1a.	<i>Market Participant</i> should be removed from the document and <i>Registered Participant</i> and <i>Service Provider</i> to remain.
1. Introduction	(a) This document defines the Meter Data File Format (MDFF) to be used by the <i>Metering Data Providers</i> (MDP) for the provision of <i>metering data</i> to <i>Market Participants</i> , <i>Service Providers</i> and <i>Registered Participants</i> .	Ausgrid: (a) This document defines the Meter Data File Format (MDFF) to be used by the <i>Metering Data Providers</i> (MDP) for the provision of <i>metering data</i> to <i>Market Participants</i> , <i>Service Providers</i> and <i>Registered Participants</i> .	AEMO - Accepted
1. Introduction	(a) This document defines the Meter Data File Format (MDFF) to be used by the <i>Metering Data Providers</i> (MDP) for the provision of <i>metering data</i> to <i>Market Participants</i> , <i>Service Providers</i> and <i>Registered Participants</i> .	EA: First round comments appear to have had copy/paste error EnergyAustralia suggested term Service Provider was deleted. Registered Participants is a more comprehensive term than Service Providers. Consideration also sought if term Market Participant is required?	AEMO/MSWG agreed that <i>Market Participant</i> should be removed from the document and <i>Registered Participant</i> and <i>Service Provider</i> to remain.
1. Introduction	(b) The MDFF can be used for metering data held in “standalone” files and for metering data held as CSV data blocks in other defined formats (eg aseXML B2B transactions).	Ausgrid: (b) The MDFF can be used for the provisioning of metering data held in “standalone” files and for metering data held as CSV data blocks in other defined formats (eg aseXML	AEMO - accepted

<p>1. Introduction</p>	<p>(c) If there is any inconsistency between this specification and the <i>Rules</i> or the following procedures the <i>Rules</i> and procedures will prevail to the extent of that inconsistency.</p> <ul style="list-style-type: none"> • B2B Procedure: Meter Data Process • Metering Data Provider Services Categories D and C for Metering Installation Types 1, 2, 3, 4, 5, 6 and 7 Service Level Procedure. 	<p>B2B transactions).</p> <p>Ausgrid: (c) If there is any inconsistency between this specification and the <i>Rules</i> or any of the following procedures, the <i>Rules</i> and procedures will prevail to the extent of that inconsistency.</p> <ul style="list-style-type: none"> • B2B Procedure: Meter Data Process <p>Metering Data Provider Services Categories D and C for Metering Installation Types 1, 2, 3, 4, 5, 6 and 7 Service Level Procedure.</p>	<p>AEMO - accepted</p>
	<p>(c) If there is any inconsistency between this specification and the <i>Rules</i> or the following procedures the <i>Rules</i> and procedures will prevail to the extent of that inconsistency.</p> <ul style="list-style-type: none"> • B2B Procedure: Meter Data Process • Metering Data Provider Services Categories D and C for Metering Installation Types 1, 2, 3, 4,5, 6 and 7 Service Level Procedure. 	<p>AGL: Suggests the following amendment to the wording. We suggest moving „ the <i>Rules</i> and procedures will prevail to the extent of that inconsistency“ to appear after the bullet points. (c) If there is any inconsistency between this specification and the <i>Rules</i> or the following procedures: B2B Procedure: Meter Data Process Metering Data Provider Services Categories D and C for Metering Installation Types 1, 2, 3, 4, 5, 6 and 7 Service Level Procedure. the <i>Rules</i> and procedures will</p>	<p>AEMO – did not accept AGL’s suggestion as the wording is inconsistent with AEMO templates, however it has been reworded. Removing the documents from that section and referring (c) to section 2.</p> <p>(c) If there is any inconsistency between this specification and the <i>Rules</i> or any of the following procedures or specifications in section 2 of this document, the <i>Rules</i>, procedures and specifications will prevail to the extent of that inconsistency.</p>

		prevail to the extent of that inconsistency	
2 (f)	B2B Procedure Technical Delivery Specification	Lumo Editorial Should title be B2B Procedure: Technical Delivery Specification (with a colon)	AEMO – accepted Colon added.
4.2.2 Alternate delivery method – Clause (a) File naming standard	To - The MSATS Participant ID of the intended <i>Market Participant, Registered Participant or Service Provider.</i>	Ausgrid: 4.2.2 iii Alternate delivery method To - The MSATS Participant ID of the intended <i>Market Participant or Service Provider.</i>	AEMO/MSWG agreed that <i>Market Participant</i> should be removed from the document and <i>Registered Participant</i> and <i>Service Provider</i> to remain.
4.2.2 Alternate delivery method – Clause (a) File naming standard	To - The MSATS Participant ID of the intended Market Participant, Registered Participant or Service Provider.	EA See comment for 1a	AEMO/MSWG agreed that <i>Market Participant</i> should be removed from the document and <i>Registered Participant</i> and <i>Service Provider</i> to remain
4.2.2 a) iii Bullet point 6	The Participant ID is as published in MSATS.	Ausgrid Delete - Agreed Previously. This is an incorrect statement.	AEMO – accepted (missed when updating document)
4.2.2 a) iii Bullet	The Participant ID is as published in MSATS.	EA First round consultation Ausgrid	AEMO – accepted (missed when updating document)

point 6		suggested this clause deleted; Participant Comments document outlines AEMO has accepted this change however it has not been removed. EnergyAustralia agrees with Ausgrid's suggestion to delete clause.	
4.2.2 a) iii	iii. Using the file as a standalone file the following file Naming Convention will be adopted: <ul style="list-style-type: none"> VersionHeader#Unique ID#From#To.zip Example = nem12#0123456789012345#mda1#retail1.zip 	Ausgrid iii. Using the file as a standalone file the following file Naming Convention will be adopted: <ul style="list-style-type: none"> VersionHeader#Unique ID#From#To.csv Example = nem12#0123456789012345#mda1#retail1.csv 	AEMO - accepted
4.2.2 b) iii	File naming standard is not stated	Ausgrid – add iii. Using the file as a standalone file the following file Naming Convention will be adopted: <ul style="list-style-type: none"> VersionHeader#Unique ID#From#To.zip Example = nem12#0123456789012345#mda1#retail1.zip 	AEMO - accepted
4.3.5 Reason Code (b)	A <u>Reason Code</u> must be provided for all intervals and consumption values where the <u>Quality Flag</u> value is “S” or “F”	Origin Section 4.3.5 A <u>Reason Code</u> must be provided for all intervals and	AEMO – accepted with changes (b) A <u>ReasonCode</u> must

		consumption values where the <u>Quality Flag</u> value is “S” (Substituted Data) or “F” (substitutions that are considered to be of a permanent or final nature and will not be replaced by actual).	be provided for all intervals and consumption values where the <u>QualityFlag</u> value is “S” (substituted data) or “F” (final substituted data). New (j) added Quality flag meanings and relationships with other fields are detailed in Appendix C.
4.3.5 Reason Code (h)	Where the <u>QualityMethod</u> in the 300 record is “V” a <u>ReasonCode</u> is not to be provided.	Origin Where the <u>QualityMethod</u> in the 300 record is “V” (Variable Data) a <u>ReasonCode</u> is not to be provided.	AEMO - accepted
4.3.5 Reason Code (g)	(g) Where more than one <u>ReasonCode</u> applies to an interval, the MDP should provide the one considered more critical for <i>Market Participant</i> or <i>Service Provider</i>	EA EnergyAustralia suggest removing Service Provider and using more comprehensive term Registered Participant. (g) Where more than one ReasonCode applies to an interval, the MDP should provide the one considered more critical for Market Participant or Registered Participant. Consideration is also sought if term Market Participant is required.	AEMO/MSWG agreed that <i>Market Participant</i> should be removed from the document and <i>Registered Participant</i> and <i>Service Provider</i> to remain
4.3.5 Reason Code	(i) The complete list of available reason codes, with accompanying descriptions, and obsolete reason codes are detailed in Appendix E of this	Ausgrid – reword 4.3.5 Reason Code	AEMO - accepted

(i)	document. Obsolete reason codes are provided to support the provision of historical data only.	(i) The complete list of available reason codes, with accompanying descriptions, and obsolete reason codes are detailed in Appendix E and Appendix F of this document. Obsolete reason codes are provided to support the provision of <i>historical data</i> only.	
4.3.5 Reason Code (i)		PAL/CP/SAPN 4.3.5 (i) Line 2, change “Appendix E” to “Appendix F”	See Ausgrid change above
5.2 NEM12 Blocking Details	To - The MSATS Participant ID of the intended <i>Market Participant, Registered Participant or Service Provider</i> .	Ausgrid – reword To - The MSATS Participant ID of the intended <i>Market Participant or Service Provider</i> .	AEMO/MSWG agreed that <i>Market Participant</i> should be removed from the document and <i>Registered Participant and Service Provider</i> to remain
5.4 <u>IntervalValue</u>	Suggest inclusion of how multiplier is applied to the interval metering data, include words: Values are after the application of any multiplier value	EA NEM13 outlines how the multiplier is applied or not applied to the reads for both the reading and the quantity field. The NEM12 is silent on the application of multipliers except for the register reads. EnergyAustralia recommends NEM12 also includes words outlining the application of the multiplier to remove any confusion.	AEMO/MSWG – agreed something should be included into this section. Wording from Ausgrid to be used. The total amount of energy or other measured value for the interval inclusive of any multiplier or scaling factor.
6.2 NEM12	To - The MSATS Participant ID of the intended	Ausgrid – reword	AEMO/MSWG agreed that

Blocking Details	<i>Market Participant, Registered Participant or Service Provider.</i>	To - The MSATS Participant ID of the intended <i>Market Participant or Service Provider.</i>	<i>Market Participant should be removed from the document and Registered Participant and Service Provider to remain</i>
Appendix D		Ausgrid – edit Move inverted commas & full stop to previous line	AEMO - accepted
Appendix E	Appendix E 40 - Data collector observed that livestock is roaming free on the premises and could potentially be hazardous, or access wasn't obtained due to the potential escapism of livestock.	Origin Appendix E 40 - Data collector observed that livestock is roaming free on the premises and could potentially be hazardous, or access wasn't obtained due to the potential escapism of for livestock to escape.	AEMO - accepted


