MSATS - B2M aseXML schema r47 - August 2026

1.00 March 2026

Pre-production: 8 June 2026

Production: 9 August 2026

Important notice

Purpose & audience

This document describes the technical changes required to participant's systems for the MSATS - B2M aseXML schema r47 - August 2026 (Release). The Australian Energy Market Operator (AEMO) provides this information as a service targeting business analysts and IT staff in participant organisations. It provides guidance about the changes to their market systems under the National Electricity Rules (Rules), as at the date of publication.

How to use this document

- If you have questions about the business aspects of these changes, please see Consultations on AEMO's website.

- The references listed throughout this document are primary resources and take precedence over this document.

- Unless otherwise stated, you can find resources mentioned in this guide on AEMO's website.

- **Text in this format** is a link to related information. Some links require access to MarketNet.

- **Text in this format**, indicates a reference to a document on AEMO's website.

- **Text in this format** is an action to perform in the Markets Portal.

- This document is written in plain language for easy reading. Where there is a discrepancy between the Rules and information or a term in this document, the Rules take precedence.

- Glossary Terms are capitalised and have the meanings listed against them in the Glossary.

- Rules Terms have the meaning listed against them in the **National Electricity Rules** (Rules).

Privacy and legal notices

The material in this publication may be used in accordance with the **privacy and legal notices** on AEMO's website.

Trademark Notices

Microsoft, Windows and SQL Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Oracle and Java are registered trademarks of Oracle and/or its affiliates.

UNIX is a registered trademark of The Open Group in the US and other countries.

© 2015 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Distribution

Available to the public.

Document Identification

Prepared by: AEMO Digital

Last update: Wednesday, 4 March 2026 12:16 PM
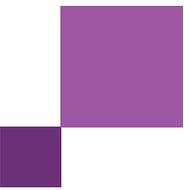
Version History

1.00 Initial creation

Documents made obsolete

The release of this document changes only the version of MSATS - B2M aseXML schema r47 - August 2026.
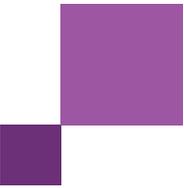
Support Hub

To contact AEMO's Support Hub use Contact Us on AEMO's website or for urgent matters phone: 1300 AEMO 00 (1300 236 600.

Contents

1 Introduction

1.1 Audience

AEMO provides this information as a service targeting business analysts and IT staff in Registered Participant companies.

The primary audience for this technical specification is B2M Retail Market Participants.

1.2 Objective

The MSATS - B2M aseXML schema r47 - August 2026 (Release) describes the projects planned by AEMO from a participant perspective and includes any system related changes for participants.

1.3 Status

Version	Status
1.00	The schema is available on the **AEMO website**. We do not expect any major changes.
0.01	**Initial Draft for review. The design is not ready for participants' builds** Presents the MSATS - B2M aseXML schema r47 - August 2026 evolving design. Please send feedback to **Contact Us**. In the **Details of your enquiry** section, mention the EAS Knowledge Management team as the Resolver group.
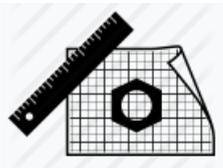
1.4 Release dates

REMINDER: Check the PM has confirmed the release dates with the Release Management team.

Scheduled for implementation in:

- Pre-production: 8 June 2026

- Production: 9 August 2026

1.5   Projects and enhancements

Changes and enhancements for this Release include:

Project	Description	Type
Shortening the Settlements Cycle (SSC)		
Flexible Trading Arrangements (FTA)		

1.6   Rule and procedure changes

The following rules and procedures take precedence over technical specifications and guides.

Title	Status	Effective
Flexible Trading Arrangements (Final Stage) - **Standing Data for MSATS v6.3** - **MSATS Procedures - Principles and Obligations for All Connection Points v8.1**		FTA Realease 2 Effective date: 1 November 2026
Retail Electricity Market Procedures (REMP) - Shortening the settlement cycle (SCC) - MSATS Procedures - MDM Procedure v4.81 - Service Level Procedure MDP Services v2.52		REMP - SSC Effective date: 9 August 2026

1.7   Related technical specifications

Title	Description
MSATS - Technical Specification - August 2026	Technical specification for Shortening the Settlements Cycle project
MSATS - Technical Specification - November 2026	Technical specification for Flexible Trading Arrangements project

1.8   Related software

Software	Change	Version	Available
MSATS Participant Batcher	New version updated for aseXML schema r47	2.0.19	Pre-production:TBC

1.9   Related documents

Once published, these resources take precedence over this technical specification

These guides and resources are updated according to this technical specification and published for the pre-production Release Date.

Title	Description	Status
B2M Mapping to aseXML	Describes the mapping between the MSATS B2M procedures and the B2M aseXML schema	
Transition of aseXML	How participants manage aseXML schema changes	No changes

1.10   Approval to change

AEMO request approval to proceed from all participant change controllers. We deem the change approved if a response is not received within 15 business days by close of business Monday, 23 February 2026.

Please send your response by email to the AEMO Information and Support Hub: **supporthub@aemo.com.au** with the following details:

- Name

- Organisation

- Contact details

- Response Yes or No

- Comments

.

1.11 Market systems user group meetings

The Market Systems User Group (MSUG) is an industry user group established to discuss NEM wholesale and retail IT systems releases. Its purpose is to facilitate the continuing improvement of AEMO's IT systems by seeking feedback and collaboration from participants.

MSUG meetings are open to all interested parties, with invitations sent to all included on the distribution list. If you have a technical question for a project and want to attend the MSUG ask your company's support team to include your email address in their **AEMO Help Desk Bulletin (CRM)** distribution list.

1.12 Version numbers

AEMO releases new versions of this document as the technical requirements are streamlined.

Incremental version numbers such as 1.01, 2.01 and so on mean there is a minor change to the technical specification.

Major version numbers such as 1.00, 2.00 means there are substantial changes to the technical specification. Participants must carefully review these changes, detailed below.

1.13 Changes in this version

The changes in this version are:

- Updates Impact summary section with the link to the published schemas.

2   Proposed Timeline

The dates for the Market System User Group Meetings (MSUG) are tentative. We will provide an invitation one week prior to the meeting.

Milestone	Date	Description
Approval required	23 February 2026	Final date for participant approval of this Release Published date 2 February 2026 + 15 business days from final release schedule For details, see Approval to change
Revised Technical Specification	March 2026	AEMO releases new versions of this document as the technical requirements are streamlined. During the project this document is the source of truth From the production release, the technical specification becomes final and the **related documents** become the source of truth **Technical Specification Portal**
Related documents published	8 June 2026	Release of guides and resources mentioned in
Draft schema published	2 February 2026	Draft schema files published to **AEMO | aseXML Schemas**
Next MSUG meeting	15 April 2026 (TBC)	Market Systems User Group Meeting (MSUG) to review the implementation of this pre-production release and ask AEMO technical SMEs questions This date is tentative. The project manager will provide an invitation one week prior to the meeting
Final schema published	30 March 2026	Schema files published to **AEMO | aseXML Schemas**
Pre-production refresh	2 March 2026 (TBC)	Refresh of the pre-production system with data refreshed from the production system. An outage of up to five days can occur to the pre-production environment during this period. Participant access is not restricted, however, AEMO do not guarantee the pre-production data content or system availability. During the refresh, access to other AEMO systems such as AWEFS, EMMS, OPDMS, and STTM may be intermittently affected

Proposed Timeline

Milestone	Date	Description
Pre-production implementation	8 June 2026	AEMO implements components of the Release to pre-production for participant testing AEMO has full access to the system during this period Participant access is not restricted; however, the data content or system availability is not guaranteed
Pre-production available	8 June 2026	Testing period begins for participants
Participant Testing	8 June 2026 - 7 August 2026	Unstructured participant testing in the pre-production environment
Production implementation	3 August 2026 – 9 August 2026 (TBC)	AEMO implements the release to production
Production systems available	9 August 2026 (TBC)	Production systems available to participants
Shortening the Settlements Cycle (SSC) B2M aseXML schema r47 effective date	9 August 2026	SSC B2M schema changes for RREV0 required under the **REMP consultation.**
Flexible Trading Arrangements (FTA) B2M aseXML schema r47 effective date	1 November 2026	FTA B2M schema changes for new attributes required under **Standing Data for MSATS v6.3** and **MSATS Procedures - Principles and Obligations for All Connection Points v8.1**

3   Participant Impact

AEMO encourages participants currently using aseXML schema version r46 to migrate to aseXML schema version r47 prior to this release. For help transitioning, see Transition of aseXML.

3.1   Schema versions

The following B2M aseXML schema versions apply before and after this Release:

All participants on the Superseded schema version r44 are automatically moved to the new Superseded schema version r46 and validated against r46.

Prior to release dates	On release dates	Explanation	AEMO action	Required participant action
LATEST r46	LATEST r47	Latest means the Participant ID is set up to receive both Current and next future version of aseXML-compliant files	Moves you to r47 Sends messages in r47	Support receiving of r47
CURRENT r46	SUPERSEDED r47	Current means the Participant ID can receive files compliant to the Current aseXML version only	Sends messages in r46	Transition to r47 to send and receive the new functionality
SUPERSEDED r44r46	SUPERSEDED r46 SUPERSEDED r44 no longer supported	Superseded means the Participant ID can receive files compliant to the Superseded aseXML version and must upgrade to Current before the next aseXML version release	Moves you to r46 Sends messages in r46	Support receiving of r46 Transition to r47 to send and receive the new functionality

3.1.1   B2M schema release implementation

During the pre-production and production implementations, participants' preferences for their B2M transaction receiving schema version is transitioned by AEMO in the MSATS Web Portal > Participants > Participant Schema as follows:

Before MSATS release		During implementation	After MSATS release	
Transaction group	B2M participant schema	Outbound schema version	B2M participant schema	Outbound schema version

Before MSATS release			During implementation	After MSATS release	
CATS NMID MDMT	LATEST	r46	AEMO transitions participants on LATEST to r47 for continued compliance	LATEST	r47
CATS NMID MDMT	CURRENT	r46	Participants on CURRENT remain on r47, with the setting changed to Superseded. Participants can choose when to transition to the new Current/Latest setting	SUPERSEDED	r46
CATS NMID MDMT	SUPERSEDED	r44	AEMO transitions participants on the Superseded version r44 to the new Superseded version r46. r44 and earlier versions are unsupported; all responses return in r46	SUPERSEDED	r46

3.1.2   Not ready to transition with AEMO?

If you are not ready to transition your B2M aseXML schema with AEMO:

aseXML schema version r43 and r44 are no longer supported.

1. Change your schema preference to Current before the Release Dates.

2. When AEMO transitions we move you to the Superseded preference.

3. When ready, complete your upgrade and observe the processing is correct. You may still receive some older aseXML versions for a short time during the transition period, around 24 hours.

4. Change your schema preference to Current.

For help transitioning, see Transition of aseXML.

3.1.3   B2M aseXML schema preference lower than r47

For participants having a B2M aseXML schema preference lower than r47, the new aseXML items are removed from Message Responses with a comment flagging the removal in the transformed aseXML payload.

3.1.4   B2M aseXML schema transition

For details, see B2M schema release implementation.

4   Project/Enhancement

4.1   Goal

This document describes the updates to the aseXML schema from r46 to r47 because of the following projects.

4.2   Shortening settlements cycle

The Shortening Settlements Cycle (SSC) project aims to reduce the settlement cycle to 9 business days following the end of the billing cycle and new revision 20 business days following the end of the billing period.

This change reduced the prudential collateral AEMO holds to covered accrued liabilities (unpaid settlement amounts) in the NEM. Lowering the capital requirements lowers the barriers to market entry for smaller retailers and provides increased investment in service innovation and more competition.

As part of SSC, a new enumeration is implemented to support the revision zero settlement run. The B2M schema changes required to support this enumeration are as follows:

- Addition of following new enumeration to the existing MDMSettlementRunType in MDMTReports_r47.xsd:

  - RREV0

- Update the ReleaseIdentifier from r46 to r47 in Events_r47.xsd

- Update MDMTReports_r(nn).xsd file name and impacted version attributes from r46 to r47

For more information, see **Settlements, Billings and Prudentials - August 2026**.

4.3   Flexible trading arrangements

The Unlocking CER Benefits Through Flexible Trading rule change facilitates flexible trading with multiple energy service providers at large customer premises, optimize Customer Energy Resources (CER) flexibility for small customers, and measures energy flows from in-built technology such as streetlights and EV chargers.

The key objective for this project is to implement the Flexible Trader Model 2 (FTM2), allowing end users to establish private metering arrangements for controllable resources managed by separate financially responsible Market Participants (FRMPs), and to introduce minor energy flow metering to accommodate non-traditional metering installations within PMAs.

As part of Flexible Trading Arrangements project, a premises connection point and secondary settlement point NMI relationship will be implemented for the 1 November 2026 Rule effective date.

The B2M schema changes required to support this relationship are as follows:

- Adds the following new fields to existing ElectricityNMIMasterGroup and ElectricityMasterStandingData in ElectricityMasterStandingData_r47.xsd:

  - IsPCP

  - PremisesNMI

- Updates ElectricityMasterStandingData_r(nn).xsd name and impacted version attributes from r46 to r47

For more information, see **Flexible trading arrangements HLIA**.

4.4   Data population dates for schema releases

Market Segment	Releases	Effective date
NEM B2M	FTA Release 2	1 November 2026
	REMP - SSC	9 August 2026

5 B2M aseXML schema r47

This schema release r47 affects B2M only.

There are no changes to the B2B aseXML schema for this Release. The current B2B aseXML schema is r46.

For help with schema transitions, see **Guide to Transition of aseXML**.

To obtain schemas, guidelines, whitepapers etc, see aseXML Standards**.**

5.1 Schema change summary

Affected files	New	Modified
aseXML_r47		- Update version of schema from r46 to r47. - Rename file to r47 version.

CATSTableReplication_r47	- Update version attribute of following existing elements from r46 to r47:
	    o ElectricityNMIMasterRow
	    o ElectricityNMIMasterRowBDT
	    o ElectricityCATSChangeRequestNMIMasterRow
	- Rename file to r47 version.	

Electricity_r47	- Add new element 'IsPCP' as string type with maxLength value=1.	- Update version attribute of following existing elements from r46 to r47: o ElectricityStandingData - Rename file to r47 version

ElectricityMasterStandingData_r47	- Add 2 new elements to ElectricityNMIMasterGroup and ElectricityMasterStandingData:
	    o IsPCP
	    o PremisesNMI
		- Rename file to r47 version.

Events_r47		- Register ReleaseIdentifier of r47 release. - Rename file to r47 version.
MDMTReports_r47.xsd	- Add new enum ''RREV0' to MDMSettlementRunType	- Rename file to r47 version.

5.2 Impact summary

The schema details for r47 is now available on the AEMO website. For details on the impact summary, see **AEMO | aseXML Schemas**.

5.3   aseXML_r47.xsd

New file to replace aseXML_r46.xsd and include the r47 file versions listed below. .

```
      <xsd:schema xmlns="urn:aseXML:r47"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
targetNamespace="urn:aseXML:r47" version="r47"
xsi:schemaLocation="urn:aseXML:r47 aseXML_r47.xsd">


<xsd:include schemaLocation="CATSTableReplication_r47.xsd">
<xsd:include schemaLocation="Electricity_r47.xsd">
<xsd:include schemaLocation="ElectricityMasterStandingData_r47.xsd"/>
<xsd:include schemaLocation="Events_r47.xsd">
<xsd:include schemaLocation="MDMTReports_r47.xsd">
```

5.4   CATSTableReplication_r47.xsd

Updated version attribute of following existing elements from r46 to r47:

- ElectricityNMIMasterRow

- ElectricityNMIMasterRowBDT

- ElectricityCATSChangeRequestNMIMasterRow

Rename file to r47 version.

```xml
<!-- Electricity NMI Standing Data Replication Row Types -->
  <xsd:complexType name="ElectricityNMIMasterRow">
        <xsd:annotation>
              <xsd:documentation>
Purpose - Row of the Electricity NMI Master Standing Data table
MSATS Data Model Table - CATS_NMI_Data
Replication Table Name - ElectricityNMIMaster
              </xsd:documentation>
        </xsd:annotation>
        <xsd:complexContent>
              <xsd:extension base="ReplicationDateRangeRow">
                    <xsd:sequence>
                          <xsd:element name="NMI" type="NMIBase"/>
                          <xsd:group ref="ElectricityNMIMasterGroup"/>
                    </xsd:sequence>
                    <xsd:attribute name="version" type="r47"
use="optional" default="r47"/>
              </xsd:extension>
        </xsd:complexContent>
  </xsd:complexType>

<!-- BDT Row Types -->
  <xsd:complexType name="ElectricityNMIMasterRowBDT">
        <xsd:annotation>
              <xsd:documentation>
Purpose - Row of the Electricity NMI Master Standing Data table
extended by BDTStatus and Event for Bulk Data Tool
MSATS Data Model Table - CATS_NMI_Data
Replication Table Name - ElectricityNMIMaster
              </xsd:documentation>
        </xsd:annotation>
        <xsd:complexContent>
              <xsd:extension base="ReplicationDateRangeRow">
                    <xsd:sequence>
                          <xsd:group ref="ElectricityNMIMasterGroup"/>
                          <xsd:element name="BDTStatus" type="BDTStatus"
minOccurs="0"/>
                          <xsd:element name="Event" type="Event"
minOccurs="0" maxOccurs="unbounded"/>
                    </xsd:sequence>
                    <xsd:attribute name="version" type="r47"
use="optional" default="r47"/>
              </xsd:extension>
        </xsd:complexContent>
  </xsd:complexType>

<xsd:complexType name="ElectricityCATSChangeRequestNMIMasterRow">
        <xsd:annotation>
              <xsd:documentation>
Purpose - Row of the Electricity CATS Change Request NMI Master
Standing Data table
MSATS Data Model Table - CATS_Inbound_NMI_Data
Replication Table Name - ElectricityCATSChangeRequestNMIMaster
```

```
            </xsd:documentation>
        </xsd:annotation>
        <xsd:complexContent>
            <xsd:extension base="ReplicationBaseRow">
                <xsd:sequence>
                    <xsd:element name="RequestID"
type="CATSRequestIdentifier"/>
                    <xsd:group ref="ElectricityNMIMasterGroup"/>
                </xsd:sequence>
                <xsd:attribute name="version" type="r47"
use="optional" default="r47"/>
            </xsd:extension>
        </xsd:complexContent>
</xsd:complexType>
```

5.5   Electricity_r47.xsd

- Update version attribute of following existing elements from r46 to r47:

  – ElectricityStandingData

- Add new element 'IsPCP' as string type with length=1

```
<xsd:simpleType name="IsPCP">
    <xsd:annotation>
        <xsd:documentation>
Purpose - IsPCP
        </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="1"/>
    </xsd:restriction>
 </xsd:simpleType>
```

5.6   ElectricityMasterStandingData_r47.xsd

- Add 2 new elements 'PremisesNMI', 'IsPCP' to ElectricityNMIMasterGroup and ElectricityMasterStandingData

- Rename file to r47 version

```xml
<xsd:group name="ElectricityNMIMasterGroup">
        <xsd:annotation>
                <xsd:documentation>
Purpose - Common NMI Master elements across Standing Data and Change
Requests
                </xsd:documentation>
        </xsd:annotation>
        <xsd:sequence>
                <xsd:element name="JurisdictionCode"
type="JurisdictionCode" nillable="true" minOccurs="0"/>
                <xsd:element name="NMIClassificationCode"
type="NMIClassificationCode" nillable="true" minOccurs="0"/>
                <xsd:element name="TransmissionNodeIdentifier"
type="TransmissionNodeIdentifier" nillable="true" minOccurs="0"/>
                <xsd:element name="DistributionLossFactorCode"
type="DistributionLossFactorCode" nillable="true" minOccurs="0"/>
                <xsd:element name="ParentEmbeddedNetworkIdentifier"
type="EmbeddedNetworkIdentifier" nillable="true" minOccurs="0"/>
                <xsd:element name="ChildEmbeddedNetworkIdentifier"
type="EmbeddedNetworkIdentifier" nillable="true" minOccurs="0"/>
                <xsd:element name="Address"
type="AustralianPartialAddress" nillable="true" minOccurs="0"/>
                <xsd:element name="Aggregate" type="YesNo"
nillable="true" minOccurs="0"/>
                <xsd:element name="Status" type="NMIStatusCode"
nillable="true" minOccurs="0"/>
                <xsd:element name="FlatOrUnitType"
type="AustralianFlatOrUnitType" nillable="true" minOccurs="0"/>
                <xsd:element name="FlatOrUnitNumber"
type="AustralianFlatOrUnitNumber" nillable="true" minOccurs="0"/>
                <xsd:element name="FloorOrLevelType"
type="AustralianFloorOrLevelType" nillable="true" minOccurs="0"/>
                <xsd:element name="FloorOrLevelNumber"
type="AustralianFloorOrLevelNumber" nillable="true" minOccurs="0"/>
                <xsd:element name="BuildingOrPropertyName"
type="AustralianBuildingOrPropertyName" nillable="true"
minOccurs="0"/>
                <xsd:element name="BuildingOrPropertyName2"
type="AustralianBuildingOrPropertyName" nillable="true"
minOccurs="0"/>
                <xsd:element name="LocationDescriptor"
type="AustralianLocationDescriptor" nillable="true" minOccurs="0"/>
                <xsd:element name="HouseNumber"
type="AustralianHouseNumber" nillable="true" minOccurs="0"/>
                <xsd:element name="HouseNumberSuffix"
type="AustralianHouseNumberSuffix" nillable="true" minOccurs="0"/>
                <xsd:element name="HouseNumberTo"
type="AustralianHouseNumber" nillable="true" minOccurs="0"/>
                <xsd:element name="HouseNumberToSuffix"
type="AustralianHouseNumberSuffix" nillable="true" minOccurs="0"/>
                <xsd:element name="HouseNumber2"
type="AustralianHouseNumber" nillable="true" minOccurs="0"/>
```

```
            <xsd:element name="HouseNumber2Suffix"
type="AustralianHouseNumberSuffix" nillable="true" minOccurs="0"/>
            <xsd:element name="LotNumber" type="AustralianLotNumber"
nillable="true" minOccurs="0"/>
            <xsd:element name="SectionNumber" type="SectionNumber"
nillable="true" minOccurs="0"/>
            <xsd:element name="DPNumber" type="DepositedPlanNumber"
nillable="true" minOccurs="0"/>
            <xsd:element name="StreetName"
type="AustralianStreetName" nillable="true" minOccurs="0"/>
            <xsd:element name="StreetType"
type="AustralianStreetType" nillable="true" minOccurs="0"/>
            <xsd:element name="StreetSuffix"
type="AustralianStreetSuffix" nillable="true" minOccurs="0"/>
            <xsd:element name="AddressLine1"
type="AustralianAddressLine" nillable="true" minOccurs="0"/>
            <xsd:element name="AddressLine2"
type="AustralianAddressLine" nillable="true" minOccurs="0"/>
            <xsd:element name="AddressLine3"
type="AustralianAddressLine" nillable="true" minOccurs="0"/>
            <xsd:element name="SuburbOrPlaceOrLocality"
type="AustralianSuburbOrPlaceOrLocality" nillable="true"
minOccurs="0"/>
            <xsd:element name="StateOrTerritory"
type="AustralianStateOrTerritory" nillable="true" minOccurs="0"/>
            <xsd:element name="PostCode" type="AustralianPostCode"
nillable="true" minOccurs="0"/>
            <xsd:element name="DeliveryPointIdentifier"
type="AustralianDeliveryPointIdentifier" nillable="true"
minOccurs="0"/>
            <xsd:element name="GNAFPID"
type="GeocodedNationalAddressFilePersistentIdentifier" nillable="true"
minOccurs="0"/>
            <xsd:element name="DistanceFromSubstation"
type="DistanceFromSubstation" nillable="true" minOccurs="0"/>
            <xsd:element name="VoltageType" type="VoltageType"
nillable="true" minOccurs="0"/>
            <xsd:element name="PoleNumber" type="PoleNumber"
nillable="true" minOccurs="0"/>
            <xsd:element name="AccessDetails" type="AccessDetail"
nillable="true" minOccurs="0"/>
            <xsd:element name="FeederClass" type="FeederClass"
nillable="true" minOccurs="0"/>
            <xsd:element name="CustomerClassificationCode"
type="EMSDCustomerClassificationCode" nillable="true" minOccurs="0"/>
            <xsd:element name="CustomerThresholdCode"
type="EMSDCustomerThresholdCode" nillable="true" minOccurs="0"/>
            <xsd:element name="TransmissionNodeIdentifier2"
type="TransmissionNodeIdentifier" nillable="true" minOccurs="0"/>
            <xsd:element name="SharedIsolationPointFlag"
type="SharedIsolationPointFlag" nillable="true" minOccurs="0"/>
            <xsd:element name="MeterMalfunctionExemptionNumber"
type="MeterMalfunctionExemptionNumber" nillable="true" minOccurs="0"/>
```

```xml
              <xsd:element name="MeterMalfunctionExemptionExpiryDate"
type="xsd:date" nillable="true" minOccurs="0"/>
              <xsd:element name="ConnectionConfiguration"
type="ConnectionConfiguration" nillable="true" minOccurs="0"/>
              <xsd:element name="LastConsumerChangeDate"
type="xsd:date" nillable="true" minOccurs="0"/>
              <xsd:element name="LegacyMtrReplacementPlan"
type="xsd:date" nillable="true" minOccurs="0"/>
              <xsd:element name="DefectFlag" type="DefectFlag"
nillable="true" minOccurs="0"/>
              <xsd:element name="DefectType" type="DefectType"
nillable="true" minOccurs="0"/>
              <xsd:element name="DefectIssuingMC"
type="PartyIdentifier" nillable="true" minOccurs="0"/>
              <xsd:element name="PremisesNMI" type="NMIBase"
nillable="true" minOccurs="0"/>
              <xsd:element name="IsPCP" type="IsPCP" nillable="true"
minOccurs="0"/>
        </xsd:sequence>
  </xsd:group>


  <xsd:complexType name="ElectricityMasterStandingData">
        <xsd:annotation>
              <xsd:documentation>
Purpose - container for non-repeating standing data associated with an
electricity NMI
              </xsd:documentation>
        </xsd:annotation>
        <xsd:sequence>
              <xsd:element name="JurisdictionCode"
type="JurisdictionCode" nillable="true" minOccurs="0"/>
              <xsd:element name="NMIClassificationCode"
type="NMIClassificationCode" nillable="true" minOccurs="0"/>
              <xsd:element name="TransmissionNodeIdentifier"
type="TransmissionNodeIdentifier" nillable="true" minOccurs="0"/>
              <xsd:element name="DistributionLossFactorCode"
type="DistributionLossFactorCode" nillable="true" minOccurs="0"/>
              <xsd:element name="ParentEmbeddedNetworkIdentifier"
type="EmbeddedNetworkIdentifier" nillable="true" minOccurs="0"/>
              <xsd:element name="ChildEmbeddedNetworkIdentifier"
type="EmbeddedNetworkIdentifier" nillable="true" minOccurs="0"/>
              <xsd:element name="Address"
type="AustralianPartialAddress" nillable="true" minOccurs="0"/>
              <xsd:element name="Aggregate" type="YesNo"
nillable="true" minOccurs="0"/>
              <xsd:element name="Status" type="NMIStatusCode"
nillable="true" minOccurs="0"/>
              <xsd:element name="DistanceFromSubstation"
type="DistanceFromSubstation" nillable="true" minOccurs="0"/>
              <xsd:element name="VoltageType" type="VoltageType"
nillable="true" minOccurs="0"/>
```

```xml
            <xsd:element name="PoleNumber" type="PoleNumber"
nillable="true" minOccurs="0"/>
            <xsd:element name="AccessDetails" type="AccessDetail"
nillable="true" minOccurs="0"/>
            <xsd:element name="FeederClass" type="FeederClass"
nillable="true" minOccurs="0"/>
            <xsd:element name="CustomerClassificationCode"
type="EMSDCustomerClassificationCode" nillable="true" minOccurs="0"/>
            <xsd:element name="CustomerThresholdCode"
type="EMSDCustomerThresholdCode" nillable="true" minOccurs="0"/>
            <xsd:element name="ControlEquipments"
type="ControlEquipments" nillable="true" minOccurs="0"/>
            <xsd:element name="NetworkDevices" type="NetworkDevices"
nillable="true" minOccurs="0"/>
            <xsd:element name="EnergisationStatus"
type="EnergisationStatus" nillable="true" minOccurs="0"/>
            <xsd:element name="PrimaryVoltage" type="PrimaryVoltage"
nillable="true" minOccurs="0"/>
            <xsd:element name="FromDate" type="xsd:date"
minOccurs="0"/>
            <xsd:element name="ToDate" type="xsd:date"
minOccurs="0"/>
            <xsd:element name="TransmissionNodeIdentifier2"
type="TransmissionNodeIdentifier" nillable="true" minOccurs="0"/>
            <xsd:element name="SharedIsolationPointFlag"
type="SharedIsolationPointFlag" nillable="true" minOccurs="0"/>
            <xsd:element name="MeterMalfunctionExemptionNumber"
type="MeterMalfunctionExemptionNumber" nillable="true" minOccurs="0"/>
            <xsd:element name="MeterMalfunctionExemptionExpiryDate"
type="xsd:date" nillable="true" minOccurs="0"/>
            <xsd:element name="ConnectionConfiguration"
type="ConnectionConfiguration" nillable="true" minOccurs="0"/>
            <xsd:element name="LastConsumerChangeDate"
type="xsd:date" nillable="true" minOccurs="0"/>
            <xsd:element name="LegacyMtrReplacementPlan"
type="xsd:date" nillable="true" minOccurs="0"/>
            <xsd:element name="DefectFlag" type="DefectFlag"
nillable="true" minOccurs="0"/>
            <xsd:element name="DefectType" type="DefectType"
nillable="true" minOccurs="0"/>
            <xsd:element name="DefectIssuingMC"
type="PartyIdentifier" nillable="true" minOccurs="0"/>
            <xsd:element name="PremisesNMI" type="NMIBase"
nillable="true" minOccurs="0"/>
            <xsd:element name="IsPCP" type="IsPCP" nillable="true"
minOccurs="0"/>
        </xsd:sequence>
    </xsd:complexType>
```

5.7   Events_r47.xsd

New file to replace Events_r46.xsd and include the r47 release identifier as below:

```
<xsd:simpleType name="r47">
      <xsd:annotation>
            <xsd:documentation>Purpose - Release r47
identifier.</xsd:documentation>
      </xsd:annotation>
      <xsd:restriction base="ReleaseIdentifier">
            <xsd:enumeration value="r47"/>
      </xsd:restriction>
</xsd:simpleType>
```

5.8   MDMTReports_r47.xsd

- Add new enum ''RREV0' to MDMSettlementRunType

- Rename file to r47 version.

```
<xsd:simpleType name="MDMSettlementRunType">
      <xsd:annotation>
            <xsd:documentation>
Purpose - Identify settlement run type: PRELIM, FINAL, REV1 etc.
            </xsd:documentation>
      </xsd:annotation>
      <xsd:restriction base="xsd:string">
            <xsd:enumeration value="RREV2"/>
            <xsd:enumeration value="RREV1"/>
            <xsd:enumeration value="RREV0"/>
            <xsd:enumeration value="SPECIAL"/>
            <xsd:enumeration value="PRELIMINARY"/>
            <xsd:enumeration value="FINAL"/>
      </xsd:restriction>
  </xsd:simpleType>
```

6 MSATS Configurable Code Fields

TBC

AEMO recommends participants do not hard code the AEMO MSATS configurable fields.

7   FAQs

This section is updated based on the participant queries from the **MSUG**.

8   Implementation

8.1   Transition

See Participant Impact.

8.2   Upgrading

You can upgrade your pre-production or production Data Model environments once you receive the Data Model scripts. Applying the scripts sets up the new Data Model structure on your local database. You receive the same data until the new versions of fields, files, and reports are released into pre-production or production and you update your subscriptions.

For help, see:

- **Upgrading your DI environments**

- **Updating your subscriptions**:

8.3   Implications

To maintain systems in-line with AEMO's market systems, participants need to:

- Review and assess the impact on their market systems with respect to the changes implemented as part of this Release.

- Change their systems prior to the implementation of this Release.

- Schedule staff and resources to upgrade their market systems for the production implementation of this Release.

8.4   Risks

- Participants cannot receive the new B2M aseXML schema fields unless they upgrade to **Error! Unknown document property name.**.

- Participants on B2M aseXML schemas **Error! Unknown document property name.** and below are impacted if they do not upgrade to at least **Error! Unknown document property name.**.

9 Terms

9.1 Rules Terms

You can find the following terms defined in the **National Electricity Rules (NER)** and the **Settlements Residue Auction Rules**.

Term	Term	Term
AEMO	Directional interconnector	Prudential Exposure
AEMO Clearing Account	Linked Bid	Region
AEMO Markets Portal	Market Clearing Price	Regional reference prices
AEMO Website	Market Participants	Registered Participant
Allocated Units	Maximum Units	Relevant Quarter
APA	NEM	Settlement residue auction
Auction	Notional Interconnector	Settlement residue committee
Auction Participant	Offer Database	Settlement residue distribution agreement
Auction Rules	Offer File	SRDA Units
Average cancellation price	Offer Period	Trading Limit
Average purchase price	Offer Submission	Trading Margin
Bid File	Offered Units	Trading Position
Cancelled Units	Offers	Unit Category
Cancelled volume	Product	Units
Cash Security	Prudential Approved Participant	
Confidential Information		

9.2   Glossary

You can find a full list of AEMO glossary terms in **Industry Terminology** on AEMO's website.

Abbreviation/Term	Explanation
AEST	Australian Eastern Standard Time
B2B	Business-to-business
B2M	Business-to-market
EMMS	Electricity Market Management System; software, hardware, network and related processes to implement the wholesale energy market
FCAS	frequency control ancillary services
FTP	File transfer protocol
MSATS	Market Settlement and Transfer Solution for retail electricity
NER	National Electricity Rules
MW	Megawatt
Release	MSATS - B2M aseXML schema r47 - August 2026
Release Dates	Pre-production: 8 June 2026 Production: 9 August 2026
TBC	To be confirmed

10 References

Guide to AEMO's e-Hub APIs: Provides details about using AEMO's e-Hub as an interface to communicate information with AEMO. It assists Wholesale electricity and gas participants developing their own APIs.

Guide to Information Systems: Provides guidance for *Registered Participants* and interested parties about AEMO's participant electricity market systems.

Guide to User Rights Management: Assists participant administrators (PAs) to use the user rights management functions in the MSATS Web Portal.

Retail Electricity Market Glossary and Framework: assist participants of the Retail Electricity Market to understand the overall framework. It also contains a list of terms used in the Retail Electricity Market Procedures and a full list of NEM procedures, guidelines, and documents.

10.1 Data interchange and data model resources

10.1.1 About

Information about setting up a Data Interchange environment: Data Interchange Help > **About Data Interchange**.

10.1.2 Help

- **Data interchange online help**

10.1.3 Software

You can find Data Interchange software in the following locations:

- Data Interchange Help > **Software Releases**.

- Releases directory on the participant file share: FTP to 146.178.211.2 > Data Interchange, pdrBatcher, pdrLoader, or pdrMonitor.

10.1.4 Reports

- Data Interchange Help > **Data Model Reports**.

10.1.5 Releases

- Data Interchange Help > **Release Documents**.

11 Index

C

continuing improvement of AEMO's IT systems, 8

D

Data Interchange software, 29

I

industry user group, 8

M

Market Systems User Group, 8
MSUG, 8

A1. Version history

No version history, this is the initial draft release.