

# MSATS – Secondary Settlement Points - November 2026

0.04 May 2026

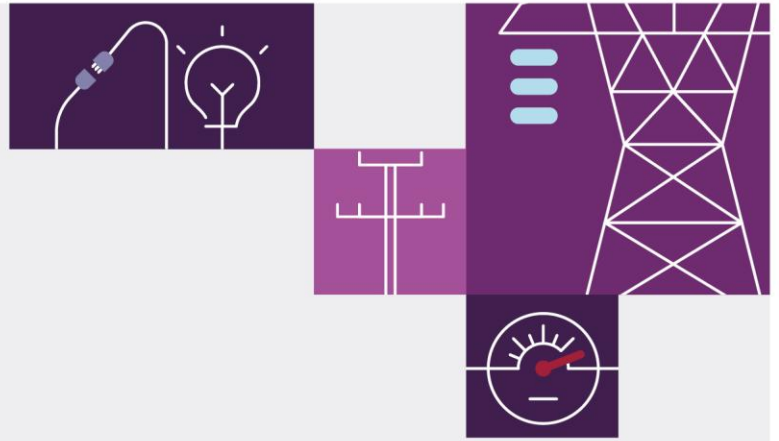
Pre-production: Tuesday 1 September 2026  
(TBC)

Production: Sunday 1 November 2026  
(TBC)

Rules effective: Sunday 1 November 2026

Release series: MSATSFTA011125





# Important notice

## Purpose & audience

This document describes the technical changes required to participant's systems for the MSATS - Technical Specification - October 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 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).

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## Distribution

Available to the public.

## Document Identification

Prepared by: AEMO Digital

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## Version History

0.04 In progress

## Documents made obsolete

The release of this document changes only the version of MSATS – Secondary Settlement Points - November 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).



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# 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 is NMISP, DNSP, FRMP, MC, and MDPs.

## 1.2 Objective

The MSATS - Technical Specification - October 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
0.04	In progress. The design is not ready for participants' builds.
0.03	In progress. The design is not ready for participants' builds.
0.02	In progress. The design is not ready for participants' builds.
0.01	 <b>Initial Draft for review. The design is not ready for participants' builds</b> Presents the MSATS - Technical Specification - October 2026 evolving design. Please send feedback to <a href="mailto:techwriters@aemo.com.au">techwriters@aemo.com.au</a>

## 1.4 Release dates

Scheduled for implementation in:

- Pre-production: Tuesday 1 September 2026 (TBC)
- Production: Sunday 1 November 2026 (TBC)

## 1.5 Projects and enhancements

For changes and enhancements for this Release, see [High-level changes](#).

## 1.6 Rule and procedure changes

Title	Status	Effective
<a href="#">National Electricity Amendment (Unlocking CER benefits through flexible trading) Rule 2024: Schedules 3,4, and 5</a>	Final	1 November 2026
Meter Data Management (MDM) Procedure v4.7	Amendment	1 November 2026
Service Level Procedure Embedded Network Manager Services	Amendment	1 November 2026
Service Level Procedure NMI Service Level Provider v1.0	Draft	1 November 2026
Service Level Procedure MDP Services v2.6	Amendment	1 November 2026
Service Level Procedure MP Services v2.1	Amendment	1 November 2026
B2B Procedure: Technical Delivery Specification	Amendment	1 November 2026
B2B Procedure: Service Order Process	Amendment	1 November 2026
B2B Procedure One Way Notification Process	Amendment	1 November 2026
National Metering Identifier procedure v7.5	Amendment	1 November 2026
B2B Procedure: Meter Data Process	Amendment	1 November 2026
B2B Procedure: Customer and Site Details Notification Process	Amendment	1 November 2026
MSATS Procedures - Principles and Obligations for All Connection Points	Amendment	1 November 2026
Standing Data for MSATS v6.3	Amendment	1 November 2026
Metrology Procedure Part A v8.2	Amendment	1 November 2026
Metrology Procedure Part B v8.2	Amendment	1 November 2026
Qualification Procedure (Metering Providers, Metering Data Providers & Embedded Network Managers)	Final	1 October 2025
Default and Registration Procedure	Final	1 November 2026

## 1.7 Related technical specifications

Title	Description
<a href="#">MSATS – Technical Specification – May 2026</a>	System changes required for participants to support the implementation of Flexible Trading Arrangements (FTA), including type 9 metering installations
<a href="#">MSATS - aseXML B2M schema r47 - August 2026</a>	New B2M aseXML schema version r47
<a href="#">MSATS - aseXML B2B schema r48 - November 2026</a>	New B2B aseXML schema version r48

## 1.8 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
aseXML r48 schema release	aseXML r48 schema files	Not started
<a href="#">B2B Mapping to aseXML</a>	Describes the mapping between the MSATS B2B procedures and the B2B aseXML schema	Not started
<a href="#">B2M Mapping to aseXML</a>	Describes the mapping between the MSATS B2M procedures and the B2M aseXML schema	Not started
<a href="#">Guide to MSATS B2B</a>	Information about the B2B e-Hub functions available in the Market Settlement and Transfer System (MSATS)	Not started
<a href="#">Guide to MSATS Reports</a>	Information about CATS and MDM reports	Not started
<a href="#">Guide to MSATS Web Portal</a>	Information about the B2M functions available in the Market Settlement and Transfer System (MSATS) web portal	Not started
Standing Data for MSATS	Reference guide assisting participants interacting with MSATS to understand MSATS NMI Standing Data tables	Published
Retail Electricity Market Glossary and Framework	Assists Retail Electricity Market participants to understand the overall MSATS framework, NEM procedures, and procedure terms	Not started

## 1.9 Related software

Software	Change	Available
<b>B2B Validation Module</b>	New version updated for aseXML schema r48	
<b>MSATS Participant Batcher</b>	Pre-production: Tuesday 1 September 2026 (TBC)	
B2B Batch Handlers		

## 1.10 Approval to change

AEMO is seeking Participant feedback from the Electricity Retail Consultative Forum (ERCF), B2B Working Group, NEM Reform Implementation Forum, Industry Test Working Group, and interested parties.

## 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

This version has the following changes:

## Introduction

- Revises meter manufacturer and model values format
- References [MSATS - aseXML B2B schema r48 - November 2026](#)

## 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	n/a	For details, see <a href="#">Approval to change</a>
Revised Technical Specification	April 2026	<p>AEMO releases new versions of this document as the technical requirements are streamlined. During the project this document is the source of truth</p> <p>From the production release, the technical specification becomes final and the <a href="#">related documents</a> become the source of truth</p> <p><a href="#">Technical Specification Portal</a></p>
MSUG meeting	3 June 2026	<p>Market Systems User Group Meeting (MSUG) to review the technical specification and ask AEMO technical SMEs questions</p> <p>This date is tentative. The Knowledge Management Team provides the invitation prior to the meeting</p>
Draft r48 aseXML schema published	17 April 2026	Schema files published to <a href="#">AEMO   aseXML Schemas</a>
Retail pre-production refresh	22 June 2026 - 2 July 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
Final r48 B2B schema published	8 May 2026	Schema files published to <a href="#">AEMO   aseXML Schemas</a>
Related documents publication	Tuesday 1 September 2026 (TBC)	Release of guides and resources mentioned in <a href="#">Related</a> on page 8

## Proposed Timeline

Milestone	Date	Description
<b>Pre-production implementation</b>	Tuesday 1 September 2026 (TBC)	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
<b>Pre-production available</b>	Tuesday 1 September 2026 (TBC)	Testing period begins for participants
<b>Participant testing</b>	1 September 2026 – 25 October 2026 (TBC)	Unstructured participant testing in the pre-production environment
<b>Production implementation</b>	Sunday 1 November 2026 (TBC)	AEMO implements the release to production
<b>Production systems available</b>	Sunday 1 November 2026 (TBC)	Production systems available to participants

## 3 Participant Impact

To comply with this Release, participants must:

1. Decide if you need to implement B2B schema transforms. For help, see [B2B Browser in Markets Portal Help](#).
2. Schedule staff and resources to upgrade your B2B and aseXML schemas to r48. For help, see [Guide to Transition of aseXML](#).
3. Download and install upgraded software versions. For help, see [Related software](#).

### 3.1 B2M aseXML r47

See [MSATS - aseXML B2M schema r47 - August 2026](#).

### 3.2 B2B aseXML r48

See [MSATS - aseXML B2B schema r48 - November 2026](#).

### 3.3 SSP participant category and role

A new participant category and role:

- NMI Service Provider (NMISP) – new role category for the LNSP. NMISP is like an Embedded Network Manager (ENM), but only responsible for managing Secondary Settlement Points (SSPs).
- Premises Network Service Provider (PNSP) – A role assigned to each SSP when a NMI Create CR is completed. It is the active Distribution Network Service Provider (DNSP) Participant ID for the associated Premises Connection Point (PCP).

### 3.4 NMI standing data

New NMI standing data fields for the SSP connection to the Premises Connection Point (PCP):

- PremisesNMI – The PCP NMI the SSP is associated to.
- IsPCP – A flag set to Y on the PCP when a SSP is associated to it, or null if the CP does not have any associated SSP NMIs.

### 3.5 CATS\_NMI\_DATA (CND)

AEMO uses the CND\_[nn] framework to map field names in the CATS\_NMI\_DATA table to the C1 CATS Transaction Field Validations report. Where possible, participants should use the procedural field names defined in Standing Data for MSATS. AEMO does not support participants using the Oracle database table and field names.

The following table describes the new MSATS CND field names and relevant CATS Transaction Field Validations to aseXML element mappings.

CATS table name	Field name	aseXML data element name	aseXML path	aseXML data type
CATS_NMI_DATA	CND_19	PremisesNMI	ElectricityStandingData/ElectricityMasterStandingData/PremisesNMI	NMIBase
CATS_NMI_DATA	CND_20	IsPCP	ElectricityStandingData/ElectricityMasterStandingData/IsPCP	xsd:string

### 3.6 AEMO MSATS configurable code fields

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

### 3.7 Change requests and notifications

Event	CR	Description	Change
Change Retailer	1000, 1010	Change Retailer	New validation
	1020	Change Retailer –Long Term/Error (not SMALL)	New validation
	1023	New NMI – Update/Correct FRMP on Greenfield Site (SMALL NMI only)	New validation
	1025	Transferred in error (SMALL NMI only)	New validation
	1029	Other Error Corrections (SMALL NMI only)	New validation
	1030, 1040	Change Retailer – Move-In	New validation
Reverse	1060	Cooled Off (SMALL NMI only)	New validation
	1061	Debt (SMALL NMI only)	New validation
Create NMI	2040	Create NMI Details – SSP	New CR for NMISP

Event	CR	Description	Change
Create and Maintain Metering	3000, 3001, 3004, 3005, 3050, 3051, 3080, 3081, 3090, 3091	Change Metering Installation Details	Includes MITCs COMMS8, COMMS9, and COMMS9CM
Create and Maintain Datastream	4050, 4051 4060	Change NMI Datastream Details Change NMI Datastream Details – Child or SSP	Exclude SSP NMIs Include SSP NMIs
Maintain NMI	5050, 5051	Change NMI Details	New validation
	5001	Back Date NMI start Date	New validation
	5060, 5061	Change <i>NMI</i> Details – Child or SSP	Include SSP
	5100, 5101	Change <i>NMI</i> Details (AEMO only)	Include new fields: Premises NMI PNSP Is PCP
Change Role	6120, 6121	Change NMISP	New Change Request for FRMP to assign NMISP
	6421	Change ENLR or SLR – Child or SSP NMI	Include update of SLR
Auto Change Role – System	SCFR	Change of Retailer De-energise – SSP	New Change Request created by AEMO
	SCLR	Change of Local Retailer – SSP	New Change Request created by AEMO
	SPND	Change Primary Connection Point NMI details	New Change Request created by AEMO
	SSDU	Settlement Standing Data Update	New Change Request created by AEMO

### 3.8 RM53 AEMO Substituted Zero Settlement report

A new RM53 AEMO Substituted Zero Settlement report provides all Secondary Settlement Point (SSP) trading intervals replaced with a zero settlement value due to the Premises Connection Point (PCP)

being de-energised from the NEM or meter reads received for PCP or SSP are non-trading intervals. See [RM53 AEMO Substituted Zero Settlement report](#).

### 3.9 RM29 queries

The RM29 SDQ report has new queries to highlight discrepancies in MSATS or MDM standing data. See [RM29 standing data quality report](#).

### 3.10 Reason codes

New meter reading reason codes to identify Premise NMIs not connected to the NEM. See [Reason codes](#).

### 3.11 User rights management (URM)

Participant Users must have the following user rights entities to access new transactions and reports provided by their company's Participant Administrator in the MSATS Web Portal > Administration > Maintain Rights menu.

URM entity	Type	Description
TBC	Interactive	Access B2B Service Order Update Standing Data interface in the B2B browser
TBC	Interactive	Access Metering Service Works Commission Meter interface in the B2B browser

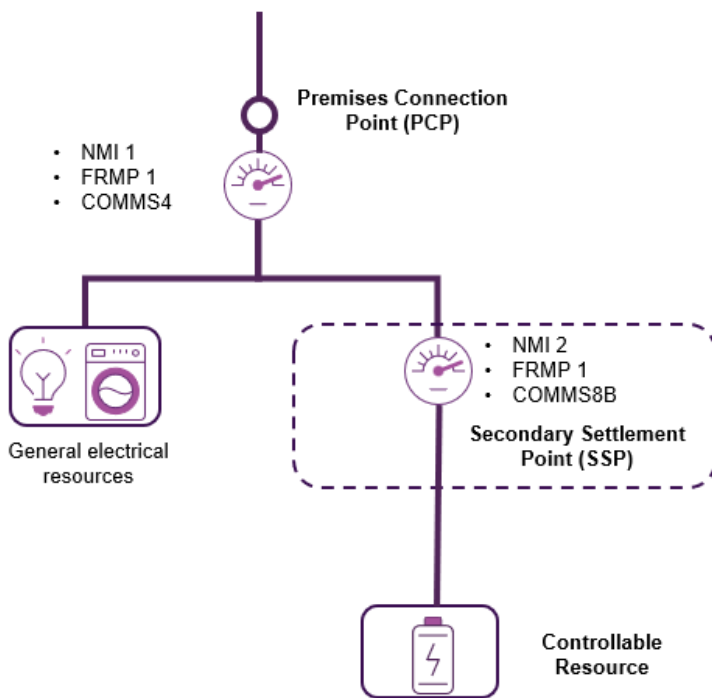
# 4 Flexible Trading Arrangements

## 4.1 Goal

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.

FTA introduces Secondary Settlement Points (SSPs) allowing for metering and settlement of Consumer Energy Resources (CER) behind the premises connection point.



## 4.2 High-level changes

Function	Description	Impacted roles	MSATS functionality
MSATS	<ul style="list-style-type: none"> <li>- Visibility of SSP and PCP relationships</li> <li>- New Standing Data fields PremisesNMI and IsPCP in standing data and reporting interfaces</li> <li>- Support for new participant roles NMISP and PNSP</li> <li>- New Meter Installation Type Codes for introduced COMMS8, COMMS9 and COMMS9CM metering installations</li> <li>- New Meter Read Type Code values to identify the capability and ownership of the SSP metering. See standing data for MSATS</li> </ul>	FRMP, NMISP, DNSP, MC, MDP, PNSP	<ul style="list-style-type: none"> <li>- Updates to NMI Discovery, NMI Master, Point in Time NMI Master Summary, and Participant Relations interfaces to display new SSP attributes and relationships.</li> <li>- Bulk Change Tool (BCT) interface supports the assignment of Secondary Settlement Points (SSP) during a ROLR event</li> </ul>
Change Requests (CRs)	<ul style="list-style-type: none"> <li>- Expanded CR logic for SSP management and validation of participant roles</li> <li>- Automated updates for LR and SSP attributes</li> </ul>	NMISP, FRMP, DNSP, MC, MDP, PNSP	<ul style="list-style-type: none"> <li>- New and updated CRs to validate retailer changes, NMI creation/maintenance, metering, datastreams, and role assignments</li> <li>- Includes validations for SSP relationships, FRMP alignment, and Standing data for settlements</li> </ul>
B2B aseXML schema r48	<ul style="list-style-type: none"> <li>- New schema fields for NMI standing data and participant relations.</li> <li>- New enumerations</li> </ul>	MC, NMISP, FRMP	<ul style="list-style-type: none"> <li>- Schema and validation upgrades</li> <li>- Support for new transaction groups and transforms</li> </ul>
Reports	<ul style="list-style-type: none"> <li>- Enhanced reporting for new roles, data fields, and settlement logic</li> <li>- Additional reconciliation and quality checks for SSPs and PCPs</li> </ul>	MC, NMISP, FRMP, DNSP	<ul style="list-style-type: none"> <li>- New RM29 SDQ queries for data quality</li> <li>- Updated RM30 performance monitoring</li> <li>- New MDM and settlement reports for SSPs</li> <li>- Expanded CATS and ROLR reports to include new standing data attributes</li> <li>- New RM53 report to identify SSP and Child embedded Network NMIs substituted zero from Settlements.</li> </ul>

## Flexible Trading Arrangements

Function	Description	Impacted roles	MSATS functionality
Software	- Updates to B2B Validation Module and Participant Batchers to support B2B aseXML schema r48	B2B participants	See <a href="#">Related software</a>

## 5 CATS NMI Standing Data

The following attributes are included in the CDN\_nn fields in the CATS\_NMI\_DATA standing data table.

Field	MSATS standing data table	Description
PremisesNMI	CATS_NMI_DATA	The Premises NMI is associated with each Secondary Settlement Point (SSP). When set to true, this records the PremisesNMI for the Premises CP NMI at the corresponding Secondary Settlement Point NMI.
IsPCP	CATS_NMI_DATA	A flag set to Y on the PCP when a SSP is associated to it, or Null if the Connection Point does not have any associated SSP NMIs.
PNSP	CATS_NMI_PARTICIPANT_RELATIONS	The active DNSP for the Premises Connection Point (PCP) which a SSP is associated

New values to the following fields in the cats\_meter\_register table to support [Flexible Trading Arrangements Release 1](#):

- MeterInstallationTypeCode
- MeterManufacturer
- MeterModel

## 5 Change Requests

### 5.1 Change retailer and reverse

Change Retailer & Reverse change requests 1000, 1010, 1020, 1023, 1025, 1029, 1030, 1040, 1060, includes new validation processes:

- Automated de-energisation process for associated Secondary Settlement Points (SSPs) when the FRMP changes for the Premises Connection Point (PCP), and no change is requested for the SSP. This applies for PCP with a NMI classification of SMALL, a residential customer class code, and PCP field is set to Y.
- The Local Retailer (LR) update process on associated SSPs to align to PCP FRMP for settlement allocations. This applies for the PCP where the Is PCP field is set to Y.

### 5.2 CR 2040 create nmi details

CR2040, Create NMI Details – SSP change request for initiating participants of NMISP to create and assign new NMIs for a SSP to an existing PCP.

AEMO will default SSP values using PCP values for most of the NMI standing data.

For details of mandatory and automated fields, see MSATS Procedures – Principles and obligations for All Connection points v8.1.

### 5.3 Create and maintain metering

3000, 3001, 3004, 3005, 3050, 3051, 3080, 3081, 3090, 3091 Change Metering Installation Details change requests supports new meter types and configurations.

Field	Additional values
Meter Installation Type Code	- COMMS8 - COMMS9 - COMMS9CM
Meter Manufacturer	- TYPE8 - TYPE9 - TYPE9CMS
Meter Model	- TYPE8 - TYPE9 - TYPE9CMS

For MITC COMMS8, the fourth character in the ReadTypeCode must be one of the following.

ReadType Code	Type	Initiated by
F	Type 8A	MP
G	Type 8A	Customer
H	Type 8B	MP
J	Type 8B	Customer

## 5.4 Create and maintain datastreams

4050, 4051 Change NMI Datastream Details are updated to exclude updates for SSPs.

4060 Change NMI Datastream Details – Child or SSP change requests updated to include updates for SSPs. The CR is rejected when the:

- Premises NMI is not null.

## 5.5 Maintain NMI standing data

Updates to B2B Validation Module and Participant Batchter:

- Updates CR 5001 – Backdated NMI Start Date, 5021 Backdate NMI Start Date – Child, 5050, 5051 – Change NMI Details, and 5100, 5101 – Change NMI Details (AEMO only) with a validation that triggers and completes a SSDU change request for each linked SSP or Child NMI when the TNI or DLF code changes on the PCP or Parent NMI.
- 5060, 5061 Change NMI Details – Child change requests are updated so NMISP participants can maintain SSP NMI details. NMI standing data can be updated, but the two new fields cannot be updated after NMI creation to prevent transferring the SSP to another NMI.

## 5.6 Change role

A new 6120 Change NMISP change request enables the current FRMP to assign a NMISP to an existing SSP NMI. The following fields are mandatory:

- Change Reason Code
- Participant ID
- Participant Transaction ID

- NMI and NMI Checksum
- Proposed Change Date
- LNSP

6421 Change Role – Change ENLR - Child change request name is updated to Change ENLR or SLR – Child or SSP NMI. It is also used to update SSPs.

## 5.7 AEMO change requests

MSATS automatically manages participant roles and standing data updates when a Change Request (CR) affects more than one NMI. AEMO creates an SCLR, SCFR, SPND, or SSDU CR depending on these conditions and notifies the participant.

### 5.7.1 Change role

When a change request updates standing data for one NMI, AEMO checks if this affects another NMI. If so, it automatically raises a new change request to keep all related NMIs consistent. When the FRMP changes on a Premises Connection Point (CP), the system processes automated change requests in order:

1. **SCLR CR:** AEMO updates the Local Retailer (LR) on the Secondary Settlement Point (SSP) to match the FRMP on the PremisesNMI.
2. **SCFR CR:** If needed, AEMO de-energises the SSP when the FRMP changes.

The SCLR request triggers when the FRMP on a Premises NMI changes, the SSP's 'PremisesNMI' matches the NMI in the change, and there is no pending LR change for that SSP. AEMO then updates the LR on the SSP to match the new FRMP on the PremisesNMI.

### 5.7.2 De-energise SSP

The SCFR Change of Retailer De-energise ensures a SMALL SSP with a Residential Customer Class Code (CCC) does not remain active when the PCP FRMP changes retailer.

When the following conditions are met:

1. The Premises NMI classification is SMALL.
2. The Customer Class Code is Residential.
3. The FRMP Participant ID for the Premises NMI changes.
4. The SSP 'PremisesNMI' matches the Change Retailer NMI.

5. No pending Change Retailer request exists for the SSP with the same Participant ID.

AEMO raises and completes an SCFR change request to:

- Set the NMI status from 'A' (active) to 'N' (non-market).
- Set active NMI datastreams to 'I' (inactive).

SSP change requests automatically update the NMI status and datastreams when these conditions apply.

### 5.7.3 Change NMI details

#### **SPND Change Premises NMI Details CR**

Automatically updates Premises NMI when a SSP is assigned.

Triggered by completion of 2040 (Create NMI Details – SSP) change requests.

#### **Settlement Standing Data Update (SSDU) CR**

Ensures TNI and DLF codes for SSP and Child NMIs reflect changes to PCP or Parent NMI details.

Triggered by completion of 5001, 5050, 5051, 5100, or 5101 (Change NMI Details) requests.

A Settlement Standing Data Update (SSDU) change request is created and a notification is sent to participants.

# 6 MSATS Web Portal

NMI information interfaces are updated to support FTA.

## 6.1 NMI discovery interface

The following MSATS interfaces include the following updates:

- NMI Discovery – Results interface: IsPCP field populated for Premises CPs and Premises NMI field populated for SSPs in the displayed results.

NMI Discovery - Results							Participant ID:	NEMMCO
							Participant Name:	Australian Energy Market Operator Limited
2 records found.								
NMI Standing Data								
NMI	Suburb/ Locality PCode State	Address	Is Premises	Premises NMI	Emb Network Parent	Emb Network Child		
6001270348 Column 4 Obtain Standing Data	NEWPORT 3015 VIC	House Number: 427 Street Name: MELBOURNE DPID Number: 40791438	Y					
6001015118 Column 6 Obtain Standing Data	NEWPORT 3015 VIC	House Number: 427 Street Name: MELBOURNE DPID Number: 40791438		6001270348				

- Obtain Standing Data – Results interface: Includes 2 new standing data attributes IsPCP and PremisesNMI.

Obtain Standing Data - Results				Participant ID:	NEMMCO
				Participant Name:	Australian Energy Market Operator Limited
Go to: <a href="#">View Data Streams</a> <a href="#">View Participant Relationships</a> <a href="#">View Meter Registers</a> <a href="#">MSATS Metering Data</a>					
<b>General Information:</b>					
NMI:	1234566121	Jurisdiction:	ACT		
Classification Code:	SMALL	Aggregate Flag:	Y		
Embedded Network ID (Parent):		TNI Code:	AAVT		
Embedded Network ID (Child):		TNI2 Code:			
Start Date:	30-Aug-2023	DLF Code:	AS01		
NMI Status Code:	N	End Date:	31-Dec-9999		
		Updated On:	31-Dec-9999		
<b>Address Information:</b>					
Building/Property Name:	HIGH GROUND	Location Descriptor:			
Lot Number:					
Flat/Unit	Type: APT Number: HOUSE 5				
Floor/Level	Type: Number:				
Street	House Number: 40	Name: TRINCA	Type: ST		
	House Number Suffix:	Name Suffix:			
	House Number To:				
	House Number To Suffix:				
Suburb/Locality:	DENMAN PROSPECT	State: ACT	Postcode: 2611		
DPID:	65152776				
Feeder Class:					
Customer Classification Code:					
Customer Threshold Code:					
SharedIsolationPointFlag:	U				
ConnectionConfiguration:	E1				
SectionNumber:					
DPNumber:					
GNAFPID:	GAAC721144248				
LastConsumerChangeDate:					
Meter Malfunction Exemption Number:					
Meter Malfunction Exemption Expiry Date:					
Is PCP:					
Premises NMI:	1234566120				

## 6.2 NMI master interface

The NMI Master – View interface includes the new standing data attributes:

- IsPCP
- PremisesNMI

- PNSP Role

### 6.3 Point in time NMI master summary interface

Includes the new standing data attributes:

- IsPCP
- PremisesNMI
- PNSP Role

### 6.4 Participant relations interface

The interface includes the new PNSP role for SSP NMIs.

## 7 B2B Browser

Changes to the following B2B processes:

- Meter data process: Amendments to the requesting of metering data and the validation of metering data (new party).
- Service Order Process includes amendments to:
  - NMI allocation – Changes to the transaction include Connection Point Information and New Party – Accredited NMISP.
  - Commissioning process – A new enumeration for requesting a metering party configure the meter.
  - A new enumeration to activate or deactivate a data stream.
- Include additional Notified Parties, such as the FRMP and accredited NMISP, on SSPs for re-energisations or de-energisations.

### 7.1 Transaction interface changes

This release provides 2 new B2B transactions Metering Service Works > Commission Meter and Service Order > Update Standing Data. It also includes new fields and a enumeration to SORD transactions described in the table below.

To access the B2B Browser interfaces, see [User rights management \(URM\)](#).

B2B Transaction	Change
Service Order Update Standing Data	A new B2B transaction used when an initiator does not require the metering party to provide a meter because the customer’s device contains a Type 8 or Type 9 meter. Add fields: <ul style="list-style-type: none"> <li>- Change request field name</li> <li>- Change request value required</li> <li>- Effective Date</li> </ul>
Metering Service Works Commission Meter	New B2B transaction used when the initiator cannot raise the Change Request directly due to MSATS role limitations and requires the recipient to raise a Change Request to update MSATS Standing Data. <ul style="list-style-type: none"> <li>- Adds Meter Install Code enumeration value COMMS8</li> <li>- Existing element to capture - GPS Coordinates latitude and GPS Coordinates longitude (TBC)</li> </ul>

B2B Transaction	Change
Metering Service Works Install Meter	Adds new fields: <ul style="list-style-type: none"> <li>- GPS Coordinates latitude</li> <li>- GPS Coordinates longitude</li> </ul>
Supply Service Works Allocate NMI	Adds new fields: <ul style="list-style-type: none"> <li>- NMIClassificationRequired</li> <li>- PremisesNMWithChecksum</li> </ul>
Supply Service Works Tariff Change	Adds Meter Install Code enumeration value COMMS8
Metering Service Works Install Meter	Adds: <ul style="list-style-type: none"> <li>- Meter Install Code enumeration value COMMS8</li> <li>- new field NMIClassificationRequired</li> </ul>
Metering Service Works Install Meter Isolation Device	Adds Meter Install Code enumeration value COMMS8
Metering Service Works Exchange Meter	Adds Meter Install Code enumeration value COMMS8

## 8 Reason Codes

For the NEM12 file, the following reason codes must be applied for Premise NMIs metering reads when the connection to the NEM is impacted by a network outage.

Reason code	Description
43	Power Outage
79	Power Outage Alarm

For more information about reason codes, see [Meter Data File Format Specification NEM12 and NEM13](#).

## 9 Zero Energy Substitution for Disconnected PCPs

If a PCP is disconnected from the NEM or a 5-minute meter read is unavailable, the SSP metering read is substituted with zero energy.

A PCP can be disconnected under three main conditions:

- NMI De-energised – the NMI status within MSATS is set to D (Not energised NMI)
- Meter Disconnected –the meter status within MSATS is set to D (Remotely Disconnected)
- A network outage – this is flagged within the NEM12 field for each affected metering read by the application of a reason code.

For the periods the PCP is disconnected, the corresponding period for the SSP is substituted with a zero-energy value and the reading quality flag set to X. A new RM53 AEMO Substituted Zero Settlement Report describes settled readings and quality flags.

If parent NMI meter readings are not recorded at 5-minute intervals, the child NMI is assigned a zero energy value and reading quality flag is set to Y to indicate the parent's non-5-minute interval.

## 10 CDR and CDP

Consumer Data Right (CDR) and Consumer Data Platform (CDP) includes the following updates:

- For SSP NMIIs by excluding NMIIs with a MITC code of COMMS8.
- To include NMIIs with a MITC code of COMMS9 or COMMS9CM.

# 11 CATS Reports

The C1 Data Replication Resynchronisation Report and C4 NMI Master Report, and Snapshot Report can include the new standing attribute values:

- IsPCP
- PremisesNMI
- PNSP Role

The C7 New Participant Data Access Report can include the new standing attribute values:

- IsPCP
- PremisesNMI

## 12 ROLR reports

Updates to the following ROLR reports:

- ROLR\_NMI\_LIST: Identifies Premises NMIs with SSPs NMIs.
- ROLR\_RAISED\_CR, ROLR\_CANCEL\_CR, ROLR\_ACCELERATE\_CR, and ROLR\_PEND\_CR: Includes Premises CP and SSP details.

More details to follow.

## 13 MDM Reports

Energy calculation and allocation changes for FTA, applying the same logic as embedded networks for PCP and SSP calculations. This results in additional information in the reconciliation reports as described below.

Report	Changes
RM16 – Level 1 settlements reconciliation	Additional reporting groups since the groupings include LR, where the SSP LR will be the FRMP of the PCP instead of a NEM connected NMI where the LR is GLOPOOL
RM17 – Level 3 settlements reconciliation	Include the metering reads for SSPs
RM21 – Level 2 settlements reconciliation (including RM27)	Include the metering reads for SSPs
<b>RM29 – Standing Data Quality</b>	New queries to highlight discrepancies in MSATS or MDM standing data
RM30 – Performance Monitoring	Report changes include COMMS9, COMMS9CM, and COMMS8 group codes
RM40 – Settlement Summary	Includes additional reporting groups
<b>RM53 – AEMO Substituted Zero Settlement</b>	New report

### 13.1 RM29 standing data quality report

The RM29 SDQ report highlights discrepancies in MSATS or MDM standing data.

There are new queries described in the table below.

Query	Description	Recipient
SSP_NOT_COMMS8	Validates the meter installation type code is COMMS8 for the SSP	MC
COMMS8_NOT_SSP	Identifies a COMMS8 MITC assigned to a NMI that is not an SSP	MC
PCP_NOT_SET	Identifies where a PCP has an active SSP and the Is PCP field is null.	AEMO
PCP_WITH_NO_SSP	An AEMO only query identifying where the PCP NMI has the Is PCP set to 'Y' and there are no associated SSPs	AEMO
SSP_INVALID_FRMP	An AEMO only query identifying where the SSP has an active FRMP where the SMALL Residential PCP has a different FRMP or is not active	AEMO

Query	Description	Recipient
SSP_INVALID_LR	An AEMO only query identifying where the SSP has an active LR that does not match the PCP FRMP Participant ID	AEMO
SSP_NMI_ADDRESS_ERR	Identifies when the NMI key address fields for a SSP does not match the Premises NMI address.  (Street Number, Street Name, Street Type, Town, State, Post Code)	NMISP
NMISP_ERR	Identifies when a NMISP has been assigned to an NMI other than a SSP.	NMISP
NMISTA_SSP	NMI status is not updated to A within 5 business days error	NMISP
NMISTX_SSP	NMI status not updated to X within 5 business days error	NMISP
NMISTN_SSP	NMI status not updated to 'N' within 5 business days error	NMISP
NMISTD_SSP	NMI status not updated to 'D' within 5 business days error	NMISP
SAPS_SSP	SSPs are not valid within a SAPS this NMI has a Premises NMI and needs to be updated to a NMI status of 'X'	NMISP
SSP_NMI_ADDRESS_ERR	Identifies when the SSP address elements do not match the PCP address elements	NMISP
DLF_ERR_SSP	Identify where a LNSP with a role category of NMISP has been assigned to a NMI that does not contain a value in the Premises NMI field.	NMISP
TNI_ERR_SSP	Identifies when a SSP has a different TNI than the PCP	NMISP
SSP_WITH_DEEN_PCP	Identifies where an Active SSP is associated to a De-energised PCP.	FRMP
SSP_WITH_NON_MKT_PCP	Identifies when the PCP is set to non-market and the SSP is active	FRMP
SSP_WITH_EXTINCT_PCP	Identifies where a non-extinct SSP is associated to an Extinct PCP.	FRMP

### 13.1.1 SSP\_NOT\_COMMS8

<b>Query ID</b>	SSP_NOT_COMMS8
<b>Purpose</b>	Identifies where the Metering Installation MITC is not set to COMMS8 for a SSP
<b>Recipient</b>	RP – Metering Coordinator
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS

<b>Format</b>	aseXML compliant XML message with csv payload
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## Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	SSP_NOT_COMMS8	n/a	Query identifier
PARTICIPANTID	ELECRTL	Party	The participant associated with the NMI
ROLEID	RP	Role	The participant's role in relation to the NMI
NMI_ID	123ABC456D	NMI	The unique number assigned to a connection point
METER_SERIAL	54321145	MeterSerialNumber	NMI serial number
SDR_KEY_3	n/a	n/a	n/a
StartDate	2026-11-25	Fromdate	The NMI start date or start date of the record update
EndDate	2027-12-31	Todate	The date the record ends
MITC	COMMS8	COMMS8	Metering Installation Type Code
ISPCP	Y	Is PCP	A flag indicating whether the NMI is a Premises Connection Point (PCP)
Field	n/a	n/a	n/a
Field	n/a	n/a	n/a
Field	n/a	n/a	n/a

### 13.1.2 COMMS8\_NOT\_SSP

<b>Query ID</b>	COMMS8_NOT_SSP
<b>Purpose</b>	Identifies a COMMS8 MITC assigned to a NMI that is not an SSP
<b>Recipient</b>	RP – Metering Coordinator

<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

## Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	COMMS8_NOT_SSP	n/a	Query identifier
PARTICIPANTID	ELECRTL	Party	The participant associated with the NMI
ROLEID	RP	Role	The participant's role in relation to the NMI
NMI_ID	123ABC456D	NMI	The unique number assigned to a connection point
METER_SERIAL	54321145	MeterSerialNumber	NMI serial number
SDR_KEY_3	n/a	n/a	n/a
StartDate	2026-11-25	Fromdate	The NMI start date or start date of the record update
EndDate	2027-12-31	Todate	The date the record ends
MITC	COMMS8	COMMS8	Metering Installation Type Code
ISPCP	Y	IsPCP	A flag indicating whether the NMI is a Premises Connection Point (PCP)
Field	n/a	n/a	n/a
Field	n/a	n/a	n/a
Field	n/a	n/a	n/a

## Example

PARTICIPANTID	ROLEID	SSP_NMI	PCP_NMI	PCP_FRMP	PCP_FRMP_STARTDATE	SSP_LR_STARTDATE	PCP_NMI_CLASS	PCP_STATUS	SSP_LR	SSP_NMI_CLASS	SSP_STATUS	UNUSED
NEMMCO	NEM	7105243394	4311404053	SOLARIS	1/04/2023	25/03/2023	SMALL	A	NEXTBE	SMALL	N	

### 13.1.3 SSP\_NMI\_DATA\_ERR

<b>Query ID</b>	SSP_NMI_ADDRESS_ERR
<b>Purpose</b>	Identifies when the NMI key address fields for a SSP does not match the Premises NMI address. (Street Number, Street Name, Street Type, Town, State, Post Code)
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

## Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	SSP_NMI_DATA_ERR	n/a	Query Identifier
PARTICIPANTID	ELECRTL	Party	The participant associated with the NMI
ROLEID	LNSP	Role	The participant's role in relation to the NMI
NMI_ID	123ABC456D	NMI	The unique number assigned to a connection point
PREMISES_NMI	123ABC456D	Premises NMI	The unique number assigned to a premises connection point
not used	n/a	n/a	n/a
STARTDATE (NMI)	2026-11-25	Fromdate	The NMI start date or start date of the record update
ENDDATE (NMI)	9999-12-31	Todate	The date the record ends



## Example

	PARTICIPANTID	ROLEID	NMI_ID	PREMISES_NMI	SDR_KEY_3	STARTDATE	ENDDATE	HOUSENUM	STREET	LOCALITY	STATE	POSTCODE	VALUE6
1	INTELENM	LNSP	7105107026	7105107026		15/05/2018	31/12/9999	60	CITY RD	MELBOURNE	VIC	3006	
2	INTELENM	LNSP	7105006008	7105006008		2/04/2022	31/12/9999	60	CITY RD	SOUTBANK	VIC	3006	

### 13.1.4 NMISP\_ERR

<b>Query ID</b>	NMISP_ERR
<b>Purpose</b>	Identifies when a NMISP has been assigned to NMI other than a SSP.
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

## Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	NMISP_ERR	n/a	Query identifier
PARTICIPANTID	NMISP	Party	The participant associated with the NMI
ROLEID	NMISP	Role	The participant's role in relation to the NMI
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
Start date (NMI)	2026-11-25	Fromdate	The NMI start date or start date of the record update
End date (NMI)	9999-12-31	Todate	The date the record ends
LNSP_ID	AAAAA	ParticipantId	The Participant ID of the Local Network Service Provider (LNSP) associated with the NMI
Not Used	n/a	n/a	n/a



<b>Format</b>	aseXML compliant XML message with csv payload
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### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	NMISP_ERR	n/a	Query Identifier
Participant id (NMISP)	NMISP	Party	The participant associated with the NMI
Role id (NMISP)	NMISP	Role	The participant’s role in relation to the NMI
NMI id	123ABC456D	NMI	The unique number assigned to a connection point
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
Proposed date (CR)	2026-11-25	Proposeddate	The NMI start date or start date of the record update
Created date (CR)	2026-10-31	Createddate	The date the record was created
Request id	9991203710	n/a	The MSATS Change Request ID associated with the standing data record
CR Code	3090	n/a	The reason code provided on the MSATS change request
CR Status	COM	n/a	The status of the change request
Last Update	2026-03-24	n/a	The date the standing data was last updated
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a

H row	D row example	MSATS Standing Data element name	Description
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a

### 13.1.6 NMISTX\_SSP

<b>Query ID</b>	NMISTX_SSP
<b>Purpose</b>	List of NMIs within MSATS that have not been updated to EXTINCT within 5 business days of the site becoming extinct within the last 5 business days.
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	NMISTX_SSP	n/a	Query Identifier
Participant id (NMISP)	AAAAA	Party	The participant associated with the NMI



H row	D row example	MSATS Standing Data element name	Description
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a

### 13.1.7 NMISTN\_SSP

<b>Query ID</b>	NMISTN_SSP
<b>Purpose</b>	List of NMIs within MSATS that have not been updated to NON MARKET within 5 business days of the site becoming inactive within the last 5 business days. NMI status not updated to 'N' within 5 business days error.
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	NMISTN_SSP	n/a	Query Identifier
Participant id (NMISP)	AAAA	Party	The participant associated with the NMI
Role id (NMISP)	NMISP	Role	The participant's role in relation to the NMI
NMI id	123ABC456D	NMI	The unique number assigned to a connection point
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a



### 13.1.8 NMISTD\_SSP

<b>Query ID</b>	NMISTD_SSP
<b>Purpose</b>	List of NMIs within MSATS that have not been updated to DE_ENERGISED within 5 business days of the site becoming inactive within the last 5 business days.
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	NMISTD_SSP	n/a	Query Identifier
Participant id (NMISP)	AAAAA	Party	The participant associated with the NMI
Role id (NMISP)	NMISP	Role	The participant's role in relation to the NMI
NMI id	123ABC456D	NMI	The unique number assigned to a connection point
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
Proposed date (CR)	2026-11-25	Proposeddate	The NMI start date or start date of the record update
Created date (CR)	2026-10-31	Createddate	The date the record was created
Request id	9991203710	n/a	The MSATS Change Request ID associated with the standing data record
CR Code	3090	n/a	The reason code provided on the MSATS change request
CR Status	COM	n/a	The status of the change request



<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

## Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	SAPS_SSP	n/a	Query Identifier
Participant id (NMISP)	AAAAA	Party	The participant associated with the NMI
Role id (NMISP)	NMISP	Role	The participant's role in relation to the NMI
NMI id	123ABC456D	NMI	The unique number assigned to a connection point
not used	NMISTD_SSP	NMISTD_SSP	NMISTD_SSP
not used	NMISTD_SSP	NMISTD_SSP	NMISTD_SSP
Start date (CR)	2026-11-25	Startdate	
End date (CR)	2026-12-25	Enddate	
TNI Code	TNI123	TransmissionNodeIdentifier	Transmission Node Identifier (TNI) the NMI is connected to
NMI Class Code	SMALL	NMISClassificationCode	NMI classification
NMI Status Code	D	Status	The NMI's current lifecycle status. Can be one of: <ul style="list-style-type: none"> <li>- A – Active</li> <li>- D – De-energised</li> <li>- X – Extinct</li> <li>- N – Greenfield</li> </ul>
DLF Code	DLF001	DistributionLossFactorCode	The Distribution Loss Factor (DLF) applicable to the NMI
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a





H row	D row example	MSATS Standing Data element name	Description
Not Used	n/a	n/a	n/a
Not Used	n/a	n/a	n/a
Not Used	n/a	n/a	n/a
Not Used	n/a	n/a	n/a
Not Used	n/a	n/a	n/a
Not Used	n/a	n/a	n/a

### 13.1.11 SSP\_NON\_MKT\_PCP

<b>Query ID</b>	SSP_NON_MKT_PCP
<b>Purpose</b>	Identifies where an Active SSP is associated to a Non-Market premises connection point.
<b>Recipient</b>	FRMP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	SSP_NON_MKT_PCP	n/a	Query Identifier
Participant id	AAAAA	Party	The participant associated with the NMI
Role id	NMISP	Role	The participant's role in relation to the NMI
NMI id	123ABC456D	NMI	The unique number assigned to a connection point
Premises_NMI	123ABC456D	NMI	The unique number assigned to a connection point



### 13.1.12 SSP\_WITH\_EXTINCT\_PCP

<b>Query ID</b>	SSP_WITH_EXTINCT_PCP
<b>Purpose</b>	Identifies where a non extinct SSP is associated to a Extinct PCP.
<b>Recipient</b>	FRMP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	SSP_WITH_EXTINCT_PCP	n/a	Query Identifier
PARTICIPANTID	AAAAA	Party	The participant associated with the NMI
ROLEID	NMISP	Role	The participant's role in relation to the NMI
NMI_ID	123ABC456D	NMI	The unique number assigned to a connection point
Premises_NMI	123ABC456D	NMI	The unique number assigned to a connection point
Not Used	n/a	n/a	n/a
Start date (NMI)	2026-11-25	Fromdate	The NMI start date or start date of the record update
End date (NMI)	9999-12-31	Todate	The date the record ends
SPP_NMI_Status		NMIStatus	
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a



## Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	SSP_NMI_DATA_ERR	n/a	Query Identifier
PARTICIPANTID	AAAAA	Party	The participant associated with the NMI
ROLEID	NMISP	Role	The participant's role in relation to the NMI
NMI_ID	123ABC456D	NMI	The unique number assigned to a connection point
Premises_NMI	123ABC456D	NMI	The unique number assigned to a connection point
Field	n/a	n/a	n/a
STARTDATE (NMI)	2026-11-25	Fromdate	The NMI start date or start date of the record update
ENDDATE (NMI)	9999-12-31	Todate	The date the record ends
HOUSENUM	123	HouseNumber	House address number
STREET	SMITH RD	StreetName	Street name
LOCALITY	MELBOURNE	SuburbOrPlaceOrLocality	Locality or suburb
STATE	VIC	StateOrTerritory	State
POSTCODE	3000	PostCode	Postcode
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a

H row	D row example	MSATS Standing Data element name	Description
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a

### Example

	PARTICIPANTID	ROLEID	NMI_ID	PREMISES_NMI	SDR_KEY_3	STARTDATE	ENDDATE	HOUSENUM	STREET	LOCALITY	STATE	POSTCODE	VALUES
1	INTELENM	LNSP	7105107026	7105107026		15/05/2018	31/12/9999	60	CITY RD	MELBOURNE	VIC	3006	
2	INTELENM	LNSP	7105006008	7105006008		2/04/2022	31/12/9999	60	CITY RD	SOUTBANK	VIC	3006	

### 13.1.14 DLF\_ERR\_SSP

<b>Query ID</b>	DLF_ERR_SSP
<b>Purpose</b>	Identify where a LNSP with a role category of NMISP has been assigned to a NMI that does not contain a value in the Premises NMI field.
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	DLF_ERR_SSP	n/a	Query Identifier
PARTICIPANTID	AAAAA	Party	The participant associated with the NMI



H row	D row example	MSATS Standing Data element name	Description
not used	n/a	n/a	n/a
not used	n/a	n/a	n/a

### Example

#### 13.1.15TNI\_ERR\_SSP

<b>Query ID</b>	TNI_ERR_SSP
<b>Purpose</b>	Identifies when a SSP has a different TNI than the PCP
<b>Recipient</b>	NMISP
<b>Delivery</b>	Participant Outbox every week
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### Output

H row	D row example	MSATS Standing Data element name	Description
QueryId	DLF_ERR_SSP	n/a	Query Identifier
PARTICIPANTID	AAAAA	Party	The participant associated with the NMI
ROLEID	NMISP	Role	The participant’s role in relation to the NMI
NMI_ID	123ABC456D	NMI	The unique number assigned to a connection point
Field	not used	n/a	n/a
Field	not used	n/a	n/a



## 13.2 RM53 AEMO Substituted Zero Settlement report

<b>Purpose</b>	The report identifies settlement trading interval data for each NMI. It includes all SSP trading intervals replaced with a zero-settlement value due to the Premises Connection Point (PCP) being de-energised from the NEM or meter reads received in non-trading intervals.
<b>Recipient</b>	FRMP or AEMO
<b>Delivery</b>	Participant Outbox for each settlement case or upon request
<b>Data source</b>	CATS
<b>Format</b>	aseXML compliant XML message with csv payload

### 13.2.1 Input parameters

Field name	Description	Default	Required
Settlement Case Id	List of case id's	List	Yes
Start Date	Start date of Data		No
End Date	End date of data		No
NMI	NMI		Yes
Include attached NMIs	Check box	N	no

### 13.2.2 Output

Field name	Description	Example data
Settlement Date	Settlement run date	2025/04/27
NMI	Specific NMI	6001120305
Suffix	Datastream suffix	E1
Creation Date	Date settlement run created	2025/05/01
Period001 – 288	Internal values	34.176
Status flags	Settlement interval status	AAA...AAXXXAA...AAA (288 Char)
SeqNo	Row Count	4

## 14 FAQs

### 14.1 How can Market Participants subscribe to receive the RM53 report?

Once the report is deployed into production participants wanting to receive the report can request subscription via the AEMO Support Hub.

### 14.2 What are the requirements to access the RM53 report?

The report is available to any FRMP as described in MDM Procedures v4.9.

### 14.3 Can retailers still receive Type 8 metering data for billing since the NEM12 format remains unchanged?

Yes. DNSPs and FRMPs continue to receive Type 8 metering data. The Premises Connection Point (PCP) data is provided, and netting occurs at that point, similar to embedded networks.

### 14.4 When is the B2B r48 aseXML schema being released?

The schema is pending approval and is finalised in April 2026. The production release date is 1 November 2026 (TBC).

# 15 Implementation

## 15.1 Transition

See [MSATS - aseXML B2M schema r47 - August 2026](#) and [MSATS - aseXML B2B schema r48 - November 2026](#).

## 15.2 Upgrade options

### Option 1

- Update local processes and technical interfaces to suit the changes.

### Option 2

- If changes are irrelevant to participants' business processes and technical interfaces, ignore this release.

## 15.3 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.

## 15.4 Risks

Participants on B2B aseXML schemas r46 and below are impacted if they do not upgrade to r48.

# 16 Terms

## 16.1 Rules Terms

You can find the following terms defined in the [National Electricity Rules \(NER\)](#).

Term
AEMO
AEMO Markets Portal
AEMO Website
Market Participants
Maximum Units
NEM
Registered Participant

## 16.2 Glossary

You can find a full list of AEMO glossary terms in [Industry Terminology](#) on AEMO's website.

Abbreviation/Term	Explanation
<b>AEST</b>	Australian Eastern Standard Time
<b>B2B</b>	Business-to-business
<b>B2M</b>	Business-to-market
<b>CDR</b>	Consumer Data Right
<b>CDP</b>	Consumer Data Platform
<b>CER</b>	Consumer Energy Resources
<b>DNSP</b>	Distribution Network Service Provider
<b>EMMS</b>	Electricity Market Management System; software, hardware, network and related processes to implement the wholesale energy market
<b>EN</b>	Embedded Network
<b>FCAS</b>	frequency control ancillary services
<b>FTP</b>	File transfer protocol
<b>LR</b>	Local Retailer
<b>MSATS</b>	Market Settlement and Transfer Solution for retail electricity
<b>NER</b>	National Electricity Rules
<b>MC</b>	Metering Coordinator
<b>MDP</b>	Metering Data Provider
<b>MW</b>	Megawatt
<b>NMISP</b>	NMI Service Provider
<b>NREG</b>	Non-Registered Embedded Generator
<b>NSP</b>	Network Service Provider
<b>PCP</b>	Premises Connection Point
<b>PNSP</b>	Premises Network Service Provider

Abbreviation/Term	Explanation
<b>Release</b>	MSATS – Secondary Settlement Points - November 2026
<b>Release Dates</b>	Pre-production: Tuesday 1 September 2026 (TBC) Production: Sunday 1 November 2026 (TBC)
<b>SSP</b>	Secondary Settlement Point
<b>TBC</b>	To be confirmed
<b>TNI</b>	Transmission Node Identifier. The distribution network connection to the wholesale network

# A1. Version history

## V0.03

- Revises document title from MSATS - Flexible Trading Arrangements - November 2026 to MSATS – Secondary Settlement Points - November 2026.
- Revises schema publish dates in [Proposed Timeline](#).
- Adds PNSP Standing Data attribute in [CATS NMI Standing Data](#).
- Adds RM29 Standing Data Quality queries.

## V0.02

- Renames this document to MSATS – Flexible Trading Arrangements – November 2026
- Adds MSUG meeting FAQs.
- Adds draft and final schema publication dates to [Proposed Timeline](#).