

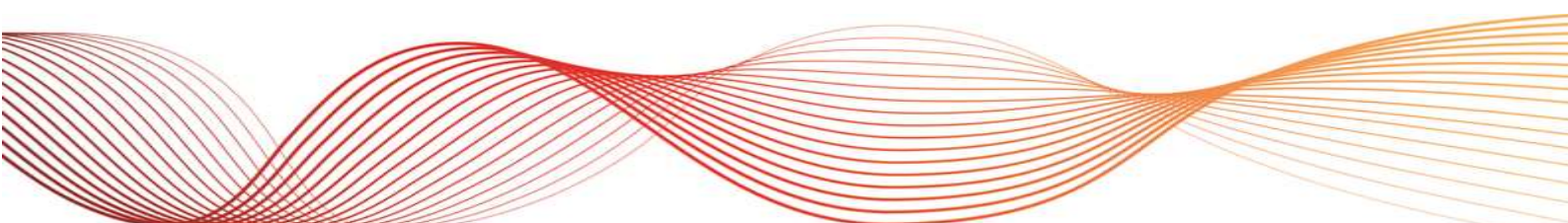


# MSATS 46.89 RELEASE SCHEDULE - DECEMBER 2017

## AEMO RELEASE SCHEDULE: MSATS1217SMP



Published	14 August 2017	Version 1.00	Power of Choice - Shared Market Protocol
Schedule	Pre-production:	Wednesday 16 August 2017	
	Production:	Friday 1 December 2017	B2B schema r36 released





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## 1 SUMMARY

This Release Schedule is for the Power of Choice - Shared Market Protocol IT system changes. It includes the planned MSATS B2B Validation Module changes.

It assists participants with their own technical implementation by providing relevant details on the enhancements scheduled during the MSATS 46.89 – December 2017 (Release). AEMO provides this information as a service targeting business analysts and IT staff in participant organisations.

For details about other IT system changes for the Power of Choice project, see the following specifications and guides:

- MSATS 46.88 Technical Specification (EN/MC): <http://aemo.com.au/Electricity/IT-Systems/IT-change>
- SMP Technical Guide
- Guide to B2B E-Hub Self-Accreditation (attached to the 46.89 Technical Specification).

**There is now only one production release that includes the B2B schema release.**

## 2 SCHEDULE

Scheduled for implementation in:

- Pre-production: Wednesday 16 August 2017
- Production: Friday 1 December 2017

## 3 APPROVAL OR AGREEMENT TO CHANGE

AEMO seeks approval to proceed from all participant change controllers: close of business: Monday, 11 September 2017.



## 4 PROPOSED TIMELINE

The dates and times are an indication only. AEMO will provide definite schedules closer to the pre-production implementation.

For system outage times, see [AEMO Change Windows](#) on AEMO's website >IT systems>It Change and Release Management.

Milestone	Date	Description
Approval required	Monday 11 September 2017	Final date for approval of this Release.
AseXML B2B schema limited release	Tuesday 13 June 2017	This is a partial release of the r36 schema. Not all MSATS functionality supports this version.
Technical Specification draft published	Monday 14 August 2017	Further details of the changes to assist IT staff with their own technical implementation.
User group meeting: initial	Tuesday 1 August 2017	Market systems user group meeting to discuss items on this Release.
Before the pre-production release	Before Wednesday 16 August 2017	AEMO recommends participants on B2B aseXML schema versions preceding r36 transition to r36 before the pre-production release. <b>Transforms from the current schema r32 to the new schema r36 are not supported for this Release.</b>
Pre-production implementation release	Wednesday 16 August 2017	AEMO implements the Release to pre-production for market trial. The outage window is not fixed but is usually between 9.00 am to 12.00 pm (AEST). In the pre-production environment, AEMO delivers all B2B messages to participants in r36.
Market trials	Monday 21 August 2017	MSATS and B2B e-Hub API functionality released to preproduction to support market trials.
Pre-production refresh	Thursday 27 July 2017 – Monday 7 August 2017	AEMO refreshes the pre-production environment from 10:00 hrs (AEST), with a snapshot of production data as at Thursday 30th March 2017 15:00 hrs (AEST). AEMO encourages participants to determine their own activities to align their pre-production systems based on this timeline.
User group meeting: pre-production progress & Industry Testing Working Group Meeting	Tuesday 29 August 2017	Market systems user group meeting to allow participants to discuss experiences and any issues identified through pre-production testing. Discussion of the test plan and registration process.



Milestone	Date	Description
Production implementation release (Part 1)	Tuesday 19 September 2017	AEMO implements Release 46.89 (Part 1) to production so participants can start transitioning to the new B2B schema version r36 any time until Friday 1 December 2017. Participants can choose when they start transitioning as long as their transition is complete by Friday 1 December 2017.
Production implementation release (Part 2)	Friday 1 December 2017	AEMO implements Release 46.89 (Part 2) to production. MSATS and B2B e-Hub API functionality released. Participants transitioned to the B2B schema version r36 can send and receive the new schema values.
User group meeting: post-implementation review	Friday 15 December 2017	Market systems user group meeting to review the implementation of this Release.

## 5 POWER OF CHOICE IMPLEMENTATION PROGRAM – SHARED MARKET PROTOCOL

This Release contains the following Power of Choice B2B enhancements and aseXML B2B schema changes:

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**For more details about the Power of Choice project, see AEMO’s website.**

### B2B enhancements

Change	Detail
<b>New B2B aseXML schema</b>	As part of the B2B Framework rule changes and the supporting B2B Procedures, this Release introduces a new B2B aseXML schema: r36.



	<p>For a summary of the changes, see the MSATS 46.89 Technical Specification – December 2017.</p> <p>For full details about the changes, see the <a href="#">Schema Release Notes r36</a> on AEMO’s website&gt;Electricity&gt;IT Systems&gt;aseXML Standards.</p>
<b>Validation Module software</b>	<p>A new version of the Validation Module software is available to comply with the new B2B aseXML schema.</p> <p>For details, see the MSATS 46.89 Technical Specification – December 2017.</p>
<b>Participant Batchter software</b>	<p>A new version of the Participant Batchter software is available to comply with the new B2B aseXML schema.</p> <p>For details, see the MSATS 46.89 Technical Specification – December 2017.</p>
<b>SMP and e-Hub</b>	<p>The e-Hub is part of the Shared Market Protocol (SMP), which is a new B2B framework, facilitating service requests and responses between requestor and service provider.</p> <p>While SMP facilitates the making of requests for services to service providers, the commercial arrangements for those services is between requestor and service provider. The AEMC’s rule development process drives the requirements for these changes. For details, see <a href="#">Updating the B2B Framework Rule Change</a>.</p> <p>SMP allows for the standardisation of communications whilst facilitating the design and delivery of bespoke services and notifications. It provides the opportunity for parties to innovate, develop, and test new ideas in a secure environment, without going beyond their common interface with the market.</p> <p>SMP delivers the following:</p> <ul style="list-style-type: none"><li>▪ New B2B transaction types.</li><li>▪ Support for the current B2B protocol – Hokey-pokey (backwards compatible).</li><li>▪ Interoperability: Several ways participants can exchange B2B data, irrespective of the sender or receiver’s protocol preference.</li><li>▪ Peer-to-Peer communications: Supports bilateral exchange of information between parties.</li></ul> <p>The existing MSATS B2B Browser is incorporated into the new e-Hub with the following changes:</p> <ul style="list-style-type: none"><li>▪ <b>B2B message management:</b> Irrespective of a participant’s preferred protocol, the B2B Browser allows participants to continue to send, receive, and manage message and message acknowledgments to comply with their obligations under the B2B Procedures.</li><li>▪ <b>B2B protocol management:</b> Changes to the B2B Browser allowing participants to set their protocol, manage their preferences, and accredit themselves to use the new SMP API Protocol.</li></ul>
<b>Create New Transactions</b>	<p>The existing interface is modified to allow participants acting as Initiators to create new B2B Transactions supported under the new B2B Procedures:</p> <ul style="list-style-type: none"><li>▪ <b>Customer Details Notification:</b> The existing interface has a new Email Address field added.</li><li>▪ <b>Meter Fault and Issue Notification:</b> new transaction.</li><li>▪ <b>Notice of Metering Works:</b> new transaction.</li><li>▪ <b>Notified Party:</b> new transaction.</li><li>▪ <b>Planned Interruption Notification:</b> new transaction.</li><li>▪ <b>Remote Service Request:</b> new transaction.</li><li>▪ <b>Remote Service Response:</b> new transaction.</li><li>▪ <b>Site Access Request:</b> new transaction.</li><li>▪ <b>Verify Meter Data Request:</b> The existing interface has new options in the Investigation Code drop-down.</li></ul>



<b>Changed Service Order Transactions</b>	There are new and changed Service Order Types and Subtypes: <ul style="list-style-type: none"><li>▪ Supply Service Works</li><li>▪ Re-Energisation</li><li>▪ De-Energisation</li><li>▪ Special Read</li><li>▪ Metering Service Works</li><li>▪ Miscellaneous</li><li>▪ Cancel</li><li>▪ Response</li></ul>
<b>B2B Upload File</b>	The current B2B Upload File interface is modified to allow participants acting as Initiators to upload zip and XML Messages for delivery to a Recipient based on their Transaction Group protocol preference.  Where participants' protocol preference is API, the B2B e-Hub sends retail messages to Recipients using the web services protocol.
<b>Search Hub Transaction Log</b>	The B2B Transaction log records all Retail B2B transactions sent and received by <i>Market Participants</i> so they can search for specific transactions messages. This interface changes to support the following core Power of Choice requirements: <ul style="list-style-type: none"><li>▪ <b>Interoperability:</b> Participants can track the status of B2B retail transactions and create Message/Transaction Acknowledgments regardless of their protocol preference: API or FTP.</li><li>▪ <b>Notified Party - e-Hub generated:</b> When participants use the e-Hub platform to generate Notified Party transactions, they can view the transactions created on their behalf.</li><li>▪ <b>Notified Party - participant generated:</b> When participants send Notified Party transactions directly to the Notified Party, they can view the transactions.</li><li>▪ <b>Procedure adherence:</b> New Transaction Groups and Types introduced in the new B2B Procedures, including the new Remote Service Transaction Type requiring a request/response are included.</li></ul>
<b>Participant System Status</b>	This menu and interface are renamed to Participant FTP System Status, supporting the FTP Hokey-pokey Protocol.
<b>B2B Hub Queue</b>	A new interface in the B2B Browser called B2B Hub Queue provides an interface for participants, electing to use web services, to manage and acknowledge B2B Retail Messages. It performs the following functions, depending on participants' roles.  As a Recipient of a Message: <ul style="list-style-type: none"><li>▪ View all hub queued B2B Messages.</li><li>▪ Download an aseXML file of a B2B Transaction.</li><li>▪ Acknowledge a B2B Transaction and remove it from their queue.</li></ul> As an Initiator of a Message: <ul style="list-style-type: none"><li>▪ Download an aseXML file of a B2B Message Acknowledgement.</li><li>▪ Delete a B2B Message Acknowledgement from their queue.</li><li>▪ View all hub queued B2B Acknowledgments.</li><li>▪ Download an aseXML file of a B2B Transaction Acknowledgment.</li><li>▪ Acknowledge a B2B Transaction Acknowledgment and remove it from their queue.</li></ul>
<b>B2B Hub Dashboard</b>	This interface is renamed to B2B FTP Dashboard, supporting the FTP Hokey-pokey Protocol.



<b>B2B Toggle Modify Functionality</b>	This interface has an additional checkbox to support the B2B Hub Queue, Delete Hub Queue Message Acknowledgement.
<b>B2B Transforms</b>	The B2B Transforms interface in the B2B Browser is renamed to Protocol and Transforms, supporting new functionality allowing participants to nominate their preference to receive and send messages using the FTP or API Protocols. Participants can still nominate their B2B aseXML schema to receive B2B Transactions.
<b>B2B Responder</b>	The B2B Responder Create and Search interface is updated to meet the following Power of Choice core requirements: <ul style="list-style-type: none"><li>▪ <b>Procedure Adherence:</b> Supports the new Market Roles, Transaction Types, and Subtypes introduced under the B2B Procedures.</li><li>▪ <b>Notified Party:</b> Participants can receive Notified Party Transactions as if they were generated by the e-Hub (option 1) or by another participant (option 2).</li><li>▪ <b>Support for the r36 and historic aseXML schemas:</b> Allows generation of Transactions in aseXML schema r36 and older schema versions.</li></ul>
<b>B2B e-Hub Self-Accreditation</b>	A new interface exists for intending <i>B2B e-Hub Participants</i> to obtain B2B e-Hub accreditation. Accreditation ensures participants' processes and IT systems are ready to interact with AEMO's systems safely and securely, delivering data in the appropriate format in accordance with the B2B Procedures.
<b>User Rights Management</b>	<ul style="list-style-type: none"><li>▪ A new interactive entity exists for maintaining user rights, called B2B Hub Queue.</li><li>▪ The existing B2B Transforms interactive entity is renamed B2B Transforms and Protocols.</li><li>▪ The existing B2B Hub Dashboard interactive entity is renamed B2B FTP Dashboard.</li></ul>
<b>Batch Handlers</b>	For interoperability, the current Batch Handlers change to interface with SMP, ensuring back-end message exchange transparency for participants.
<b>SQL patterns</b>	The supported SQL patterns change to: [Blank], %, xxxx%, %xxxx%. For details, see the MSATS 46.89 Technical Specification – December 2017.