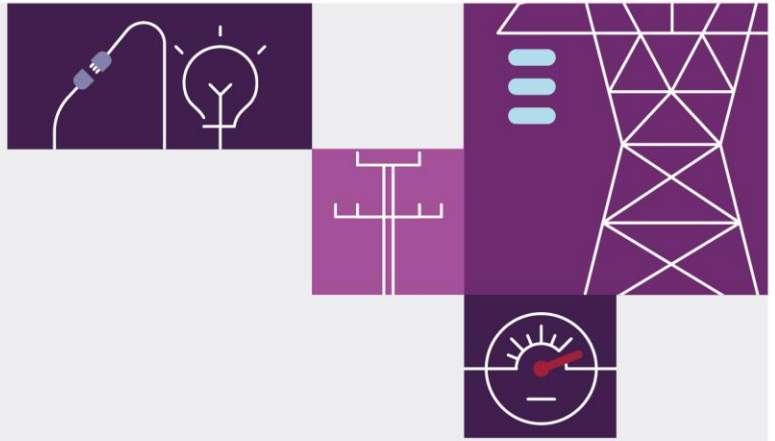


WEM PaSS 3.4 Release Notes

June 2024





Important Notice

Purpose

The Australian Energy Market Operator (AEMO) has prepared this document to provide information about the WEM PaSS 3.4 (Build 3.4-837-1) release as at the date of publication.

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Version Release History

Version	Release date	Changes
1.0	17/06/2024	Initial publication for the WEM PaSS Production Release

Document Approval Details

Name	Position	Date
Nicholas Nielsen	Manager, WA Settlements and Prudential	17/06/2024



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1 Overview

1.1 Purpose and Scope

These are the release notes for the Wholesale Electricity Market Prudential and Settlement Services (WEM PaSS) 3.4 (Build 3.4-837-1). This release implements several internal code improvements and removes some redundant code.

1.2 Supporting documentation

N/A

1.3 Version Summary

The changes in versions post deployment of this release are summarised in Table 1.

To view the current application, please navigate to **Help > About** in [WEMS MPI](#).

Table 1 Version summary

Application	Current Version	New Version
WEM PaSS	3.3-836-1	3.4-837-1

1.4 Terms and abbreviations

The terms and abbreviations used in this document are outlined in Table 2.

Table 2 Terms and abbreviations

Term	Definition
AEMO	Australian Energy Market Operator
ART	AEMO Release Tracking
BAU	Business As Usual
CCB	Change Control Board
DBA	Database Administrator
FT	Functional Testing Environment
BT	Business Testing Environment
MKT	Market Trial
PaSS	Prudential and Settlement Systems
UAT	User Acceptance Testing
UI	User Interface
WA	Western Australia
WEMS	Wholesale Electricity Market System, also refer to the monolith WA Market System application which hosts WEMS MPI, Engine, and Manager

2 AEMO Internal Changes

AEMO has made only internal code changes for this release.

The Trading Margin calculations for NSTEM and STEM markets have been removed as they are no longer required. With the commencement of the new WEM market, NSTEM and STEM markets are now legacy markets for which Initial settlement runs have already been published.

This release also includes changes to improve code performance and robustness and to improve monitoring systems to assist AEMO staff in troubleshooting.

3 Resolved Issues

In addition to the functionality above, the following issues have been resolved in this release.

Table 3 Resolved Issues

Reference	Summary	Resolution
● INT PRUD-126	Trading Margin calculation takes an excessive amount of time	Various minor changes to improve calculation performance
● INT PRUD-128	Trading Margin calculation includes redundant legacy-market code and certification items making systems more difficult to maintain and certify	Remove redundant legacy-market code
● INT PRUD-152	Prudential Capacity Credit Allocation APIs relating to legacy market are redundant, making systems more difficult to maintain	Deprecate redundant APIs
● INT PRUD-155	Existing PaSS monitoring code does not provide sufficient details about status of various jobs	Improve monitoring systems to assist support team
● INT PRUD-129	Transitional Metering Orchestration jobs include redundant legacy-market code, making systems more difficult to maintain	Remove redundant legacy-market code
● INT PRUD-138	Transitional Prudential Orchestration jobs include redundant legacy-market code, making systems more difficult to maintain	Remove redundant legacy-market code
● INT PRUD-153	WemSetsOrchestrationWorker prevents certain other jobs from running concurrently, leading to failures if they are executed concurrently	Add checks to prevent relevant jobs from commencing and log warnings if WemSetsOrchestrationWorker is running
● INT PRUD-154	Existing PaSS health-check APIs does not provide sufficient information to identify unhealthy upstream APIs	Improve monitoring systems to assist support team
● INT PRUD-117	Settlements and prudentials jobs fail if metering data is stale	Allow settlements and prudentials jobs to use stale data and trigger a message flagging that stale data has been used

Table 4 Status Legend

Status

● **INT** Internal AEMO changes. No impact to Market Participants.

● **ADD** Additional functionality. Market Participants awareness only.

● **CHG** Change to Market Participant functionality. Needs Market Participant attention.
