



WEMS 3.44 and WEM PaSS 1.9 patch Release Notes

November 2021

Important notice

PURPOSE

The Australian Energy Market Operator (AEMO) has prepared this document to provide information about changes incorporated in the latest release to the Wholesale Electricity Market System (WEMS) and WEM Prudential and Settlement Service (WEM PaSS) as at the date of publication.

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VERSION CONTROL

Version	Release date	Changes
1.0	24/11/2021	Initial publication for WEMS 3.44 and WEM PaSS 1.9 patch Market Trial release

DOCUMENT APPROVAL

Name	Position	Date
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1. Introduction

1.1 Overview

These are the release notes for the Wholesale Electricity Market Systems (WEMS) 3.44 (Build 3.44-1550-2) and WEM Prudential and Settlement Service (WEM PaSS) 1.9 (Build 1.9-806-4). This release includes amendments to the Registration role in WEMS MPI, the redevelopment of NCS Dispatch data publication and the removal of outdated forms in WEMS MPI.

The system changes under this release are described in the sections below.

1.2 Supporting documentation

The following documents have been updated for this release and should be read in conjunction with these release notes:

- WEMS Market Participant Interface (MPI) User Guide
- WEMS Report and Web Services Specification

1.3 Version summary

Table 1 summarises the changes in version post deployment of this release.

Table 1 WEMS and WEM PaSS version summary

Application	Current version	New version
WEMS	3.43 (Build 3.43-1548-7)	3.44 (Build 3.44-1550-2)
WEM PaSS	1.9 (Build 1.9-806-3)	1.9 (Build 1.9-806-4)

To view the current version of the MPI, please navigate to Help > About in the MPI.

1.4 Abbreviations

Table 2 outlines the abbreviations used in this document.

Table 2 Abbreviations

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
DSP	Demand Side Programme
MPI	Market Participant Interface
RCM	Reserve Capacity Mechanism
WEMS	Wholesale Electricity Market System
WEM PaSS	Wholesale Electricity Market Prudential and Settlement Service

1.5 Status legend

Table 3 outlines the issue statuses used in this document.

Table 3 Status Legend

Status
● Internal changes
● Minimal or no impact to Market Participants
● Needs Market Participants' attention. Potentially requires system or operational procedure changes.

2. User Management Registration Role

The user management functionality in WEM MPI has been improved to allow the Market Participant Administrator to assign any combination of roles to each user.

Previously WEMS MPI required a user to have, at minimum, the Registration role assigned to access other menus within WEMS MPI. This means a user with the Energy Market, Settlements, Balancing and User Management roles assigned could not access the underlying functionality of these menu items when the Registration role were left unassigned. This was implemented as registration information is required by these functions.

This implementation does not meet the current needs of Market Participants therefore it has been removed. This improvement will allow users to access and utilise the functionality of these menu items in WEMS MPI without requiring the Registration role to be assigned.

Market Participants are encouraged to actively manage the role assignment of each WEM MPI user, for more information refer to the Market Participant Administrator Guide¹.

Figure 1 Standard WEMS MPI Menus

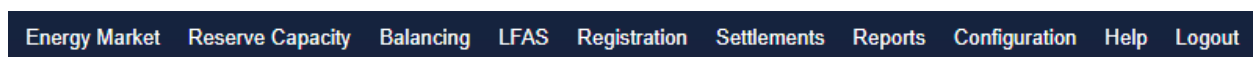


Figure 2 User Roles Assignment

Roles	Full Access	Read Only
Energy Market	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reserve Capacity	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Registration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Settlements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Balancing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
User Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reserve Capacity Certification	<input type="checkbox"/>	<input type="checkbox"/>
Generator Performance Std	<input type="checkbox"/>	<input type="checkbox"/>

3. NCS Dispatch Data Improvements

AEMO has improved the PUB_NcsDispatchInfo report in WEMS MPI to differentiate between GIA and Non-GIA NCS Contracts. Additionally, the EM_NcsDispatchInformation report required subsequent updates to align the Price Paid and Reason Flag fields.

¹ <https://aemo.com.au/en/energy-systems/electricity/wholesale-electricity-market-wem/procedures-policies-and-guides/guides>

Figure 3 PUB_NcsDispatchInfo – Before

PUB_NcsDispatchInfo				
PARTICIPANT	FACILITY	TRADING INTERVAL	QUANTITY (MWh)	NCS CONTRACT TYPE

Figure 4 PUB_NcsDispatchInfo – After

PUB_NcsDispatchInfo						
TRADING DATE	TRADING INTERVAL	PARTICIPANT	FACILITY	NCS CONTRACT TYPE	NON-GIA QUANTITY (MWh)	GIA QUANTITY (MWh)

Figure 5 EM_NcsDispatchInformation - Before

EM_NcsDispatchInformation										
PARTICIPANT	FACILITY	START TIME	END TIME	OPERATING ID	ISSUED AT	QUANTITY (MWh)	PRICE	PRICE PAID	REASON FLAG	NCS CONTRACT ID

Figure 6 EM_NcsDispatchInformation - After

EM_NcsDispatchInformation											
TRADING DATE	PARTICIPANT	FACILITY	START TIME	END TIME	OPERATING ID	ISSUED AT	QUANTITY (MWh)	PRICE	PRICE PAID	REASON FLAG	NCS CONTRACT ID

The improvement to each respective report will also impact the associated web service API. Version 8.0 of the WEMS Reports web service API will be implemented to accommodate this change:

<https://wems.aemo.com.au/mpi/ws/reports/v8?wsdl>

Market Participants using the reports listed below will be required to use version 8.0 of the web service API going forward:

- getNcsPublicDispatchInformationReport
- getNcsDispatchInformationReport

Further details can be found in Section 4.11 and 4.12 of the WEMS Report and Web Services Specification² respectively.

4. WEMS MPI Forms

4.1 WEMS RSA Token Request Form

To ensure consistent version control of documentation between WEMS MPI and the AEMO Website³ the “Apply for a Token” link (Figure 7) has been redirected to the Accessing WEMS⁴ section of the AEMO Website (Figure 8Figure 7).

² <https://aemo.com.au/energy-systems/electricity/wholesale-electricity-market-wem/procedures-policies-and-guides/guides>

³ <https://aemo.com.au/>

⁴ <https://aemo.com.au/energy-systems/market-it-systems/wems-access>

Figure 7 WEMS MPI – Apply for a Token



Figure 8 AEMO Website – Accessing WEMS

Accessing WEMS

Market Participant Interface access

The Market Participant Interface (MPI) is a web based application which allows Market Participants to trade in the WEM as well as access market related data.

The Market Participant Administrator (MPA), as appointed by each market participant, is able to manage the level of access of individual users through the user management in the MPI.

If you need to nominate a new MPA, or wish to have an additional MPA, please fill out the [Market Participant Administrator \(MPA\) Nomination Form](#) and return to Market Operations (WA).

If you require access to the MPI, please complete the [WEMS Application for WEMS Access Form](#) and return to Market Operations (WA).

If you require an RSA Token to access the MPI, please complete the [WEMS RSA Token Request Form](#) and return to Market Operations (WA).

4.2 Removal of the Notice of Disagreement Form

The Notice of Disagreement form was recently integrated into the “Forms” tab of the Prudential-Settlements user interface (Figure 9), refer to the WEM PaSS 1.9 Release Notes⁵ for further information. The disagreement file (Figure 10) that is found by navigating to Settlements -> Download Files has been removed as part of this release as it is redundant.

Market Participants are encouraged to review Chapter 9 of the WEM Procedure: Settlements⁶ and section 12.6.5 of the WEMS MPI User Guide⁷ for more information on submitting a Notice of Disagreement.

⁵ <https://www.aemo.com.au/energy-systems/market-it-systems/it-change-and-release-management>

⁶ <https://www.aemo.com.au/energy-systems/electricity/wholesale-electricity-market-wem/procedures-policies-and-guides/procedures>

⁷ <https://aemo.com.au/en/energy-systems/electricity/wholesale-electricity-market-wem/procedures-policies-and-guides/guides>

Figure 9 Notice of Disagreements Form

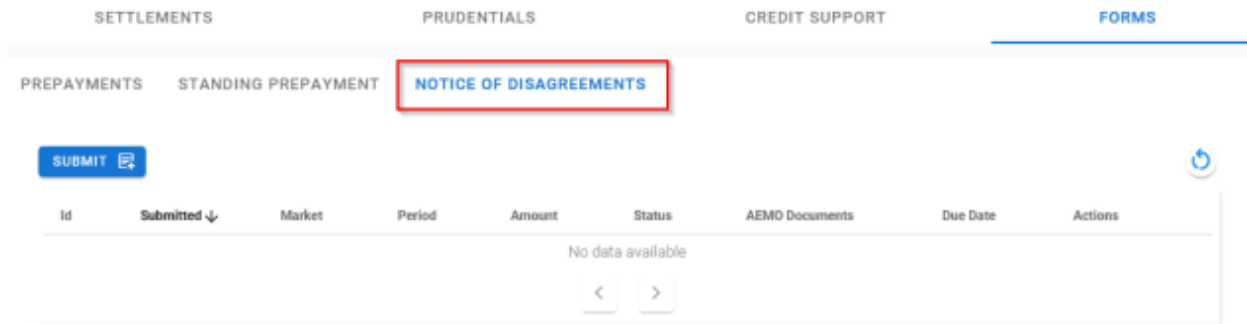
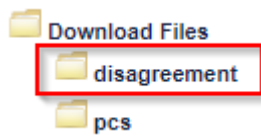


Figure 10 Disagreement File



5. Resolved issues

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

Table 5 Resolved Issues

Reference	Summary	Resolution
● DATA-114	Refinement to the NCS Dispatch report published on the Public Data Site ⁸ (PDS) to support the implementation of the NCS Dispatch Data Improvements (3).	Update the report description and CSV file to reflect the introduced data improvements.
● WEMS-7219	An email notification issue was discovered regarding Change Request notifications. When a Change Request of the same type was submitted by a Market Participant before the initial change was effective, the original change would automatically be withdrawn. Without notification, this issue could cause intended updates to be lost.	Update the email notification service to notify WA Market Operations when a Change Request is automatically withdrawn.
● WEMS-7235	Improvements to the Market Advisory feature of the Market Operator Portal. This will ensure Market Advisories are sent out consistently without formatting errors.	Refinement of the character limits that are defined in MOP.

⁸ <http://data.wa.aemo.com.au/>