

# Release Notes: WEMS 4.1

February 2025





# Important notice

## PURPOSE

The Australian Energy Market Operator has prepared this document to provide information about the WEMS release as at the date of publication.

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## Document version control

Version	Release date	Changes
1.0	25/02/2025	Initial Issue

## Document approval

Name	Position	Date
Hamish McKay	Manager, WA Energy Market Management	25/02/2025



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# 1 Introduction

## 1.1 Overview

These are the release notes for the WEMS Market Release Q1 2025 (WEMS 4.1-1573-19). This WEMS release includes internal changes to WEMS, and external changes to the WEMS MPI user interface (<https://wems.aemo.com.au/mpi/>).

## 1.2 Supporting documentation

The following documents should be read in conjunction with these release notes:

- WEMS MPI Guide (link [here](#))

## 1.3 Version Summary

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

**Table 1 Terms and abbreviations**

Application	Current version	New version
WEMS	4.1-1573-18	4.1-1573-19

## 1.4 Terms and abbreviations

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

**Table 2 Terms and abbreviations**

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
MPI	Market Participant Interface
WEMS	Wholesale Energy Market System

# 2 WEMS User Guide link change

The link to the WEMS User Guide (under Help → User Guide) within the WEMS MPI was linking to an outdated consolidated version. The link has been corrected to direct the user to the [Guides and useful information page](#) on the AEMO website. The updated URL contains the latest User Guides for each section within the WEMS MPI.

Figure 1 Link to User Guide

The screenshot displays the WEMS MPI interface with the following components:

- Navigation Menu:** Home, Notifications, Energy Market, Reserve Capacity, Balancing, LFAS, Registration (Balancing), Registration (SCED), Real-Time Market, Settlements, GPS, Outage, Networks, Reports, Configuration, Help, Logout.
- Load Forecast and Real Time Generation:** A line chart for trading date 21/02/2025 showing Load Forecast (blue) and Real Time (red) from 8 AM to 7 PM. The y-axis ranges from 0 to 200.
- Market Window Status:** A table listing market windows with columns: Market, Name, Trade Date, Start Time, Close Time, and Status.
 

Market	Name	Trade Date	Start Time	Close Time	Status
Bilateral Contracts		23 Feb 2025	15 Feb 2025 08:00	23 Feb 2025 08:00	CLOSE
		24 Feb 2025	16 Feb 2025 08:00	24 Feb 2025 08:00	CLOSE
		25 Feb 2025	17 Feb 2025 08:00	24 Feb 2025 08:00	CLOSE
		26 Feb 2025	18 Feb 2025 08:00	26 Feb 2025 08:00	CLOSE
		27 Feb 2025	19 Feb 2025 08:00	26 Feb 2025 08:00	CLOSE
		28 Feb 2025	20 Feb 2025 08:00	27 Feb 2025 08:00	CLOSE
Span Submissions		01 Mar 2025	21 Feb 2025 08:00	28 Feb 2025 08:00	CLOSE
		02 Mar 2025	22 Feb 2025 08:00	01 Mar 2025 08:00	NOT OPEN
		24 Feb 2025	16 Feb 2025 08:00	23 Feb 2025 08:00	CLOSE
		25 Feb 2025	17 Feb 2025 08:00	24 Feb 2025 08:00	CLOSE
		26 Feb 2025	18 Feb 2025 08:00	25 Feb 2025 08:00	CLOSE
		27 Feb 2025	19 Feb 2025 08:00	26 Feb 2025 08:00	CLOSE
		28 Feb 2025	20 Feb 2025 08:00	27 Feb 2025 08:00	CLOSE
		01 Mar 2025	21 Feb 2025 08:00	28 Feb 2025 08:00	CLOSE
		02 Mar 2025	22 Feb 2025 08:00	01 Mar 2025 08:00	NOT OPEN
- STEM Prices and Quantities:** A line chart for trading date 22/02/2025 showing Real STEM Total Quantity (blue) and STEM Price (red) from 8 AM to 7 PM. The y-axis ranges from 0 to 150.
- Market Messages:** A table listing messages with columns: Issue Date, Participant, Market Type, Severity, Message, Report Name, Trading Date, and Message.
 

Issue Date	Participant	Market Type	Severity	Message	Report Name	Trading Date	Message
21/02/2025 11:15:14	ALLBP	ENERGY	Normal	RE:1 EM_STEMASAndCfor		22/02/2025	Reports on Energy Market Bids and Offers information for trading date 22/02/2025 are available for viewing.
21/02/2025 11:15:11	ALLBP	ENERGY	Normal	RE:1 EM_STEMASandCfor		22/02/2025	Reports on Energy Market STEM Trade for Participants for trading date 22/02/2025 are available for viewing.
21/02/2025 11:15:08	ALLBP	ENERGY	Normal	RE:1 EM_STEMASandCfor		22/02/2025	Reports on Energy Market STEM Summary Information and Prices for trading date 22/02/2025 are available for viewing.
21/02/2025 11:15:06	ALLBP	ENERGY	Normal	RE:1 EM_STEMASandCfor		22/02/2025	Reports on Energy Market Facility Capacity Information for trading date 22/02/2025 are available for viewing.
21/02/2025 11:15:03	ALLBP	ENERGY	Normal	RE:1 EM_STEMASandCfor		22/02/2025	Reports on Energy Market STEM Facility Declarations for trading date 22/02/2025 are available for viewing.
21/02/2025 11:15:04	ALLBP	ENERGY	Normal	RE:1 EM_STEMASandCfor		22/02/2025	Reports on Energy Market STEM Participant Net Balance Position and Declarations for trading date 22/02/2025 are available for viewing.
21/02/2025 11:15:04	ALLBP	ENERGY	Normal	RE:1 EM_MktSubmission		22/02/2025	Reports on Energy Market Balance Submissions information for trading date 22/02/2025 are available for viewing.
21/02/2025 08:54:05	ALLBP	ENERGY	Normal	RE:1 EM_LoadingOrder		22/02/2025	Reports on Energy Market Load Forecast or Energy Bids under Balance Contracts for trading date 22/02/2025 are available for viewing.
21/02/2025 08:54:05	ALLBP	ENERGY	Normal	RE:1 EM_LoadingOrder		22/02/2025	Reports on Energy Market Final Balance Consumer Information for trading date 22/02/2025 are available for viewing.
21/02/2025 08:54:05	ALLBP	ENERGY	Normal	RE:1 EM_LoadingOrder		22/02/2025	Reports on Energy Market Final Balance Participant for trading date 22/02/2025 are available for viewing.
21/02/2025 08:51:18	ALLBP	ENERGY	Normal	RE:1 EM_STEMASandCfor		22/02/2025	Reports on Energy Market Balancing 15-18 Submissions Confirmation information for trading date 22/02/2025 are available for viewing.
21/02/2025 08:51:18	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		01/03/2025	Reports on Energy Market Facility Limits information for trading date 01/03/2025 are available for viewing.
21/02/2025 08:51:17	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		01/03/2025	Reports on Energy Market Participant Limits information for trading date 01/03/2025 are available for viewing.
21/02/2025 08:51:17	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		28/02/2025	Reports on Energy Market Facility Limits information for trading date 28/02/2025 are available for viewing.
21/02/2025 08:51:02	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		28/02/2025	Reports on Energy Market Participant Limits information for trading date 28/02/2025 are available for viewing.
21/02/2025 08:48:48	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		27/02/2025	Reports on Energy Market Facility Limits information for trading date 27/02/2025 are available for viewing.
21/02/2025 08:48:48	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		27/02/2025	Reports on Energy Market Participant Limits information for trading date 27/02/2025 are available for viewing.
21/02/2025 08:34:34	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		26/02/2025	Reports on Energy Market Facility Limits information for trading date 26/02/2025 are available for viewing.
21/02/2025 08:34:34	ALLBP	ENERGY	Normal	RE:1 EM_FacilityLimit		26/02/2025	Reports on Energy Market Participant Limits information for trading date 26/02/2025 are available for viewing.



## Figure 2 Guides and useful information page

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- Procedures, policies and guides
  - Guides and useful information -
    - Registration Processes for the New Market
    - Report and Web Service Specifications
    - Settlement Technical Guides
    - WEM API Access
  - Procedures +

# Guides and useful information

These documents will help you become familiar with the Wholesale Electricity Market (WEM).

For information relating to reports and web services refer to the Reports and Web Service Specifications page. ↻

For information relating to Settlement Statements and Invoices, refer to the Settlement Technical Guides page. ↻

### Wholesale Electricity Market Design

08/09/2023	<b>WEM Reform Design Summary</b>	3.34 MB		
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### User guides

#### Current versions

21/01/2025	<b>WEMS MPI User Guide: Outage Management System V 1.3</b>	1.24 MB		
Effective January 2025				
10/12/2024	<b>WEMS Network Operator User Guide: Commissioning Test Plan System</b>	684.22 KB		
Effective December 2024				
10/12/2024	<b>WEMS Market Participant User Guide: Commissioning Test Plan System</b>	1.04 MB		

# 3 Registration (SCED) - Authorised Person Character Limit

Within the WEMS MPI, under Registration (SCED) → Participant → Participant Information → General Information, the Authorised Person field was limited to 20 characters which restricted the length of the name. This field has been updated to accept up to 30 characters.

Figure 3 Registration (SCED) - Authorised Person

The screenshot displays the WEMS MPI interface. The top navigation bar includes links for Home, Notifications, Energy Market, Reserve Capacity, Balancing, LFAS, Registration (Balancing), Registration (SCED), Real-Time Market, Settlements, GPS, Outage, Networks, Reports, Configuration, Help, and Logout. The WEMS logo is visible in the top right corner.

The main content area is divided into several sections:

- Market Participant Registration:** Includes a dropdown for Participant Name (set to 'BZOW'), and links for Applications / Change Requests, Participant Registration, Facility Registration, and Reports / Tools.
- Current Effective and Future Accepted Participant Information:** A table with columns for Reference Number, Date Submitted, Application / Change Request Type, Effective From, and Status. It shows one entry and is on Page 1 of 1.
- Participant Information:** A detailed form for a participant. The 'Authorised Person' field is highlighted with a red box. Other fields include Short Name, Organisation Name, Current Role Participant Class, and various contact details.

The 'Authorised Person' field contains the text 'BZOW'.



## 4 Resolved Issues

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

**Table 3 Resolved Issues**

Reference	Summary	Resolution
● WEMS-7338	Emails from the WEMS MPI Registration system still say to “contact Market Operations (WA)” despite the team no longer existing and “Option 1” not stated alongside the phone number.	Emails changed to refer to “WA Energy Market Management” and “(Option 1)” added alongside the phone number.

**Table 4 Status Legend**

Status
● Additional functionality. Market Participants awareness only.
● Change to Market Participant functionality. Needs Market Participant attention.