



WEMS 3.26 AND RCM 1.7 RELEASE NOTES

Published: **May 2018**





IMPORTANT NOTICE

Purpose

The Australian Energy Market Operator has prepared this document to provide information about the Wholesale Electricity Market System (WEMS) 3.26 (Build 3.26-1397) and RCM 1.7 (Build 1.7-2714) releases, as at the date of publication.

Disclaimer

This document or the information in it may be subsequently updated or amended. This document does not constitute legal or business advice, and should not be relied on as a substitute for obtaining detailed advice about the Wholesale Electricity Market Rules, or any other applicable laws, procedures or policies. AEMO has made every effort to ensure the quality of the information in this document but cannot guarantee its accuracy or completeness.

Accordingly, to the maximum extent permitted by law, AEMO and its officers, employees and consultants involved in the preparation of this document:

- make no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of the information in this document; and
- are not liable (whether by reason of negligence or otherwise) for any statements or representations in this document, or any omissions from it, or for any use or reliance on the information in it.



VERSION RELEASE HISTORY

Version	Effective Date	Summary of Changes
1.0	02/05/2018	Document Creation

DOCUMENT APPROVAL

Name and Position	Date
Martin Maticka Group Manager, WA Markets	07/05/2018



CONTENTS

1.	INTRODUCTION	5
2.	NEW FUNCTIONALITY	6
2.1	Improvements to applications for CRC	6
2.2	Improvements to trade declarations	6
2.3	Extended Load Forecast	6
3.	RESOLVED ISSUES	8
	ABBREVIATIONS	9
	Abbreviations	9



1. INTRODUCTION

These are the release notes for Wholesale Electricity Market System (WEMS) 3.26 (Build 1397) and RCM Release 1.7 (Build 2714).

This WEMS release includes improvements to the Reserve Capacity Mechanism (RCM) portal and additional extended Load Forecast data, which will be published on AEMO's Public Data Site.

The changes and resolved issues under this release are described in the sections below.

Supporting documentation

The following document has been updated for this release and should be read in conjunction with these release notes.

- 1) WEMS MPI User Guide available on AEMO's website at:

<http://www.aemo.com.au/Electricity/Wholesale-Electricity-Market-WEM/Participant-information/Guides-and-useful-information>.

WEMS and RCM version summary

The table below summarises the changes in version post this release deployment.

Application	Current version	New version
WEMS	3.25 (Build 1379-9)	3.26 (Build 1397)
RCM	1.6 (Build 2679-5)	1.7 (Build 2714)

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



2. NEW FUNCTIONALITY

This section details the new functionality which will be delivered in this WEMS release.

2.1 Improvements to applications for CRC

AEMO has implemented the following improvements to applications for Certified Reserve Capacity (CRC) in the RCM portal:

- Screen tips have been added to applications for CRC which include both relevant WEM Rule references and additional information to assist Market Participants when submitting a CRC application.
- Restrictions have been added to Facility Upgrades to ensure an application for CRC cannot be submitted for an Upgrade prior to the submission of the parent Facility's application.
- The Expected Energy Output template formatting error messages have been improved. Error messages are now more specific to better assist Market Participants to identify the error within the uploaded template.

2.2 Improvements to trade declarations

AEMO has implemented the following improvements to trade declarations in the RCM portal:

- A Facility's Reserve Capacity status will now be displayed in a Facility's trade declaration.
- Restrictions have been added to Facility Upgrades to ensure a trade declaration cannot be submitted for an Upgrade prior to the submission of the parent Facility's trade declaration.

2.3 Extended Load Forecast

Load Forecast data is currently made available at the end of the Trading Day D, at 07:30 each morning, with data for the 96 intervals of Trading Day D+1 and D+2. The data is available in the Load Forecast report on the Public Data Site: <http://data.wa.aemo.com.au/#load-forecast>

This WEMS release will provide additional extended Load Forecast data at 07:30 of Trading Day D for Trading Day D+1 to a horizon beyond Trading Day D+2. The data will be made available in the extended Load Forecast report on the Public Data Site: <http://data.wa.aemo.com.au/#extended-load-forecast>

Historical data containing load forecast values for the past 12 calendar months up to and including the current Trading Day D will be made available in the historical Load Forecast report, in accordance with Clause 10.5.1(j)(ii) of the WEM Market Rules, at 07:30 of Trading Day D on the Public Data Site: <http://data.wa.aemo.com.au/#historical-load-forecast>

The links on the left-hand side of the Public Data Site can be used to navigate to each of these reports:



 **MARKET DATA** WESTERN AUSTRALIA

Introduction

Participants

Facilities

Commissioning Tests

Load Forecast

Extended Load Forecast

Historical Load Forecast

Non Balancing Dispatch Merit Order

Demand Side Programme Prices

Operational Measurements

Facility SCADA

Load Summary

Outages

Real Time Outages

Refund Exempt Planned Outage

Real Time Dispatch Advisories

Market Advisories

Balancing Market Summary

Effective Balancing Submission

LOAD FORECAST

The 'Load Forecast' report is published at 07:30 each morning (near the end of Trading Day D) and provides the load forecast values for the upcoming Trading Day (D+1), and the following Trading Day (D+2). The data for the following Trading Day (D+2) is provided in accordance with clause 7.2.1 of the *WEM Rules*. AEMO prepares the 'Load Forecast' report based on the available information at the time; this information is subject to change.

As an example, by 07:30 on a Sunday (which is still the Saturday Trading Day), AEMO will upload a 'Load Forecast' report containing load forecast values for the Sunday Trading Day (D+1) and the Monday Trading Day (D+2). By 07:30 on the Monday, AEMO will upload a 'Load Forecast' report containing load forecast values for the Monday Trading Day (D+1) and the Tuesday Trading Day (D+2). Therefore, the forecasts for the Monday Trading Day would be published on Sunday (as D+2 load forecast data) and again on Monday (as D+1 load forecast data). The load forecast values provided for the Monday Trading Day on Sunday and Monday may differ should more up-to-date data become available.

The 'Extended Load Forecast' report contains the same values for D+1 and D+2 Trading Intervals as this report, but also includes available forecast data for subsequent Trading Intervals.

Historical load forecasts may be obtained from the 'Historical Load Forecast' dataset; further related data is available in the 'Load Summary' dataset.

Disclaimer: Please note that the data in the 'Load Forecast' report is published daily. Forecasts for a given Trading Day are likely to change as more up-to-date data becomes available and will be reflected in the load forecast in the Balancing Market.

Update frequency: Daily; generated at 07:30 WST containing forecasts for the pending Trading Day and the Trading Day after that.

Download CSV

 [load-forecast](#)

Jump to:

[Download](#)

[Definitions](#)

Click on the link below *Download CSV* on each page to retrieve the report in comma-separated value format.



3. RESOLVED ISSUES

	Reference	Summary	Resolution
●	WEMS-4924	Correct field description on Facility Transfer Intention form.	The field description “Proposed Date of Transfer (MR 2.33.5.e.iii)” has been changed to “Change Request Effective Date” to add clarity.
●	WEMS-6579	On reduction of Capacity Credits from MOP, push changes to update CC in RCM.	The RCM portal has been linked to AEMO's internal Reserve Capacity testing tool. Reductions in Capacity Credits due to a failed Reserve Capacity test are now automatically updated in the RCM portal.

Status

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



ABBREVIATIONS

Abbreviations

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
CRC	Certified Reserve Capacity
MOP	Market Operation Portal
MPI	Market Participant Interface
Public Data Site	The data repository website for the WEM - http://data.wa.aemo.com.au/
RC	Reserve Capacity
RCM	Reserve Capacity Mechanism
WEMS	Wholesale Electricity Market System