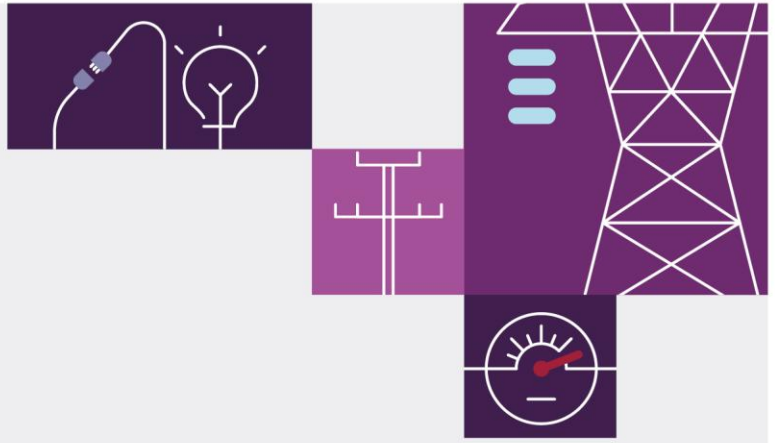


WEM PaSS 3.12 Release Notes

October 2025





Important Notice

Purpose

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

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Version release history

Version	Release date	Changes
1.0	08/10/2025	Publication for the WEM PaSS Pre-Production Release on 08/10/2025, and Production Release on 30/10/2025

Document approval details

Name	Position	Date
Stuart MacDougall	Manager, WA Prudentials & Settlements	06/10/2025



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1 Overview

1.1 Purpose and scope

These are the release notes for the Wholesale Electricity Market Prudential and Settlement Service (WEM PaSS) 3.12 (Build 3.12-855-1).

This release was required to align with changes resulting from Schedule 4 of the [WEM Amendment \(Cost Allocation Reform\) Rules 2024](#)¹, which became effective from Trading Day 30 October 2025.

1.2 Supporting documentation

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

- [WEM Metering, Settlement and Prudential Calculation Formulation](#) Version 10.0
- [WEM Settlement Statement and Invoice Technical Guide](#) Version 4.0

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	3.11.852-4	3.12-855-1

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
API	Application Programming Interface
CSV	Comma Separated Values
DSP	Demand Side Programme
ESM	Electricity System and Market
PaSS	Prudential and Settlement Service
WA	Western Australia
WA P&S	WA Prudentials & Settlements
WEMS MPI	Wholesale Electricity Market System Market Participant Interface

¹ See also [Exposure Draft of two proposed changes to the Contingency Reserve Lower requirements determination and cost allocation](#)

2 Contingency Reserve Lower

2.1 Rule change

Schedule 4 of the [WEM Amendment \(Cost Allocation Reform\) Rules 2024](#) has introduced changes to the procurement and cost recovery of Contingency Reserve Lower.

The driver for the rule change was to revise the determination of the Contingency Reserve Lower requirement, and how Contingency Reserve Lower costs are allocated to Market Participants.

These changes are gazetted and effective from Trading Day 30 October 2025 (rule commencement date).

Summary of changes related to settlement:

- New glossary definitions for CL Facilities and Major Loads.
- Introduction of a 'runway share' cost recovery for Contingency Reserve Lower that applies to all CL Facilities with a risk above 120 MW.
- Introduction of a 'generic load share' cost recovery that applies to all Non-Dispatchable Loads and any Facilities (including CL Facilities) with withdrawals between 0 and -120 MW.
- If the Real-Time Market is suspended in a Dispatch Interval, then the 'runway share' is not used for the Trading Interval of that Dispatch Interval and the cost of procuring Contingency Reserve Lower is recovered using the 'generic load share'.
- New Invoice line items for Peak and Non-Peak NCESS payments and charges, and FCESS Uplift charges.

2.2 Transparency improvements

AEMO has introduced improvements to existing formulas in addition to the Contingency Reserve Lower rule change. These improvements provide great transparency for Market Participants as the cost recoveries for ESS charges and FCESS Uplift Payments now use separate variables. These changes also provide improvements to the 'zero sum' groups (payments = charges) by using the information in Section 5.2 of the Formulation and the new line items on their Invoices.

Summary of changes:

- Improved transparency of NCESS Contract payments and charges by further separating the variables into Peak and non-Peak components.
- Improved transparency of cost recovery for Contingency Reserve Raise, Regulation Raise, Regulation Lower and their shares of FCESS Uplift Payments by separating the variables into their ESS and Uplift components.

2.3 Formulation change

The WEM Metering, Settlement and Prudential Calculation Formulation Version 10.0 has been certified and will be published on the [AEMO Website](#). This version is effective for Trading Days from the rule commencement date.

Summary of changes:

Section	Topic	Formulas	New	Revised	Removed	Rule Change
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3.4.7	Contingency Lower Generic Load Contributing Quantities	CLGLCQ_P_I, CLGLCQNDL_P_I, CLGLCQ_F_I, CLThresholdMWh_G_I	X			9.10.32E
3.4.8	RTM Suspension Flag for a Trading Interval	RTMSuspFlag_G_I	X			9.10.32A
4.7	Essential System Services	ESSpayment_P_D, ESScharge_P_D		X		N/A
4.7.2	Contingency Raise Charges	CRpayment_G_DI		X		N/A
4.7.2	Contingency Raise Charges	FCESSUCRcharge_P_D, FCESSUCRcharge_P_I, FCESSUCRcharge_P_DI FCESSUCRcharge_G_DI	X			N/A
4.7.4	Contingency Lower Charges	CLcharge_P_I		X		9.10.32/9.10.32A
4.7.4	Contingency Lower Charges	CLcharge_P_DI, FCESSUCLcharge_P_D, FCESSUCLcharge_P_I, FCESSUCLcharge_P_DI CLpayment_G_DI FCESSUShareCL_G_DI	X			9.10.32/9.10.32A, 9.10.3L, 9.10.9/9.10.11
4.7.4	Contingency Lower Charges	CLpayment_G_I FCESSUShareCL_P_I FCESSUShareCL_F_I			X	N/A
4.7.4.1	CL Generic Load Charges	All 6 formulas	X			9.10.32B, 9.10.32C, 9.10.32D, 9.10.32G
4.7.4.2	CL Facility Charges	All 4 formulas	X			9.10.32A, 9.10.32C
4.7.4.3	CL Facility Share	All 4 formulas	X			Appendix 2E 5.6, 5.5, 5.3, 5.4
4.7.4.4	CL Facility Share Components	All 4 formulas	X			Appendix 2E 3.1(a), 3.3, 5.1, 5.2
4.7.4.5	CL Facility Runway Share	All 7 formulas	X			Appendix 2E 2.3, 3.2, 3.4, 3.4(c), 3.4(b), 3.4(a)
4.7.4.6	CL Facility Network Share	All 7 formulas	X			Appendix 2E 4.5, 4.6, 4.7(a), 5.4, 4.7(c), 4.7(b), 7.13.1EA (c)(vi)(2)
4.7.8	Regulation Raise Charges	RRpayment_G_I		X		N/A
4.7.8	Regulation Raise Charges	FCESSURRcharge_P_D, FCESSURRcharge_P_I, FCESSURRcharge_G_I	X			N/A
4.7.11	Regulation Lower Charges	RLpayment_G_I		X		N/A
4.7.11	Regulation Lower Charges	FCESSURLcharge_P_D, FCESSURLcharge_P_I, FCESSURLcharge_G_I	X			N/A
4.7.14	NCESS Payments	PeakNCESSpayment_P_D, NonPeakNCESSpayment_P_D, NonPeakNCESSpayment_P_I, NonPeakNCESSpayment_P_DI	X			N/A
4.7.14	NCESS Payments	NCESSpayment_P_D,			X	N/A

		NCESSpayment_P_I				
4.7.15	NCESS Charges	NonPeakNCESScharge_P_D, NonPeakNCESScharge_P_I, NonPeakNCESScharge_G_I	X			N/A
4.7.15	NCESS Charges	NCESScharge_P_D, NCESScharge_P_I, NCESSpayment_G_I, PeakNCESSpayment_G_I			X	N/A
4.8.4	SRCC Charges	PeakNCESSpayment_G_D	X			N/A

Market Participants can access the variables via the Settlement Statement detail API, or the Settlement Statement detail CSV files in the WEMS MPI user interface.

2.4 Scope change

The formula changes introduce two new scopes:

- Network Lower Contingency
- Facility-Network Lower Contingency

These are described in the WEM Settlement Statement and Invoice Technical Guide Version 4.0 published on the [AEMO Website](#).

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
N/A	N/A	N/A

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.