

WEM PaSS 3.6 Release Notes

October 2024





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	23/10/2024	Initial publication for the WEM PaSS Production Release

Document approval details

Name	Position	Date
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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) 3.6 (Build 3.6-839-3).

This release focused on implementing the WEM Rule changes to cost recovery of NCESS Contracts for Peak Capacity, and resolution of a defect for calculating cumulative refunds.

1.2 Supporting documentation

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

- [WEM Metering, Settlement and Prudential Calculation Formulation](#) Version 7.0

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	3.5-838-1	3.6-839-3

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
NCESS	Non-Co-optimised Essential System Service
PaSS	Prudential and Settlement Service
UI	User Interface
WA	Western Australia
WA P&S	WA Prudentials & Settlements
WEMS	Wholesale Electricity Market System, also refers to the monolith WA Market System application which hosts WEMS MPI, Engine, and Manager

2 NCESS Contracts

2.1 Rule change

The [WEM Amendment \(Miscellaneous Amendments No. 3\) Rules 2024](#) have introduced changes for the *cost recovery* of NCESS Contracts procured for Peak Capacity (see clauses 4.28.4(aA), 4.28.4A, 9.10.27D and 9.10.45(a)).

These changes are gazetted and effective from Trading Day 7 October 2024 (rule commencement date).

Summary of changes:

There is no change to the *payment* for any NCESS Contracts, however the *cost recovery* is changed as follows:

- NCESS Contracts for capacity procured by AEMO to meet Peak Capacity will be paid by Market Participants based on their Individual Reserve Capacity Requirement (IRCR) share of the Shared Reserve Capacity Cost; and
- NCESS Contracts that are not procured by AEMO to meet Peak Capacity will continue to be paid by Market Participants based on their Consumption Share.

An NCESS Contract may be procured for both Peak Capacity and non-Peak Capacity.

2.2 Participant impact

The WEM Metering, Settlement and Prudential Calculation Formulation Version 7.0 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	Calculated Formulas	New	Revised	Removed	WEM Rules
4.7.15	NCESS Charges (Recoverable)	NCESSpayment_G_I		•		9.10.27D
4.7.15	NCESS Charges (Recoverable)	PeakNCESSpayment_G_I PeakNCESSpayment_P_I PeakNCESSpayment_P_DI	•			4.28.4A
4.8.4	SRCC Charges	SRCC_G_D		•		4.28.4
4.8.4	SRCC Charges	PeakNCESSpayment_G_D	•			4.28.4(aA)

The upstream system WEMDE UI will provide PaSS with a new input for the Peak Capacity contract amounts. Inputs to PaSS are denoted with an “I” reference in the formulation document tables rather than a numerical reference to another formula.

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

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
● PRUD-175	Cumulative refund “start” variables are only non-zero on the first day of each Trading Week, resulting in incorrect refunds being calculated.	Updated the input binding to correctly populate the “start” variables CFRCDRstart_F_D , CDSPCCRstart_F_D, CGCCRstart_P_D and CumRefundStart_SA_D for each Trading Day. Impacted Market Participants will be contacted directly by the WA P&S team.

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.