Single Electricity Market

SEM RELEASE "O/P.1" – Q4 2026
RELEASE SCOPE – HIGH LEVEL IMPACT ASSESSMENT

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Document History

Version	Date	Author	Comment
1.0	16/09/2026	SEMO	Published to SEMO website

1 INTRODUCTION

This document provides an overview of the scheduled hotfix SEM Release O/P.1 to the Central Market Systems (CMS). The Implementation Classification, as per Agreed Procedure 11, applying to this deployment is “Application Release”.

This SEM O/P.1 release is to address a single **high-priority defect** identified in the SEMO Known Issues Report (reference 20240711-6323150 – “Application of incorrect Fixed Costs (Multiple Complex COD submission for a single trade day”)). This fix is required to ensure compliance with *Section D Balancing Market Data Submission* of the Trading and Settlement Code (TSC).

Originally considered for an Emergency Release, this defect was due to be implemented along with Scheduled Release O/P, however, was subsequently deferred from that release:

- Due to additional time required to assess a consideration raised prior to the release; and
- To consequently avoid any unnecessary delay to the deployment of the SEM O/P release while this consideration was being assessed.

Release Plan

The SEM Release O/P.1 release is now undergoing test and is being targeted for deployment, subject to successful completion of all testing, on **Thursday November 12th, 2026**, i.e. no less than 40 Working Days from the publication of this document. Please note that this release does not impact interfaces between Market Participant Systems and the Central Market Systems, meaning a revision to the Interface Technical Specification is not required.

As per Section *3.2.1 Change Management for Scheduled Releases* of Agreed Procedure 11:

- Market Participants are requested to provide any comments in relation to this High-Level Impact Assessment no later than **Wednesday, September 23rd, 2026**, i.e. 5 Working Days from the publication date of this document.
- SEMO will host a Technical Workshop (via Microsoft Teams) on **Wednesday, September 23rd, 2026**, i.e. 6 Working Days from the publication of this document. This is to answer any questions Market Participants may have in relation to the technical impacts of this release.
- SEMO will re-issue a revision to the High-Level Impact Assessment on **Wednesday, September 23rd 2026**, if required.
- Formal notification of the release deployment, scheduled for **Thursday November 12th, 2026**, will be confirmed not later than one week ahead of deployment via the normal communication channels. This notification will include the expected outage time of the Central Market Systems to facilitate the deployment of this Application Release.
- As this release does not impact interfaces between Market Participant systems and the Central Market Systems, there will be no revision to the Interface Technical Specification.

2 FUNCTIONAL SCOPE APPROVED FOR SEM RELEASE O/P.1

This section summarises the Central Market Systems change requirements approved for implementation in SEM Release O/P.1

There is one update to be included in Release O/P.1 to address a **high-priority defect** identified in the SEMO Known Issues Report (reference 20240711-6323150 – "Application of incorrect Fixed Costs (Multiple Complex COD submission for a single trade day").

SEMO has provided an assessment below of the functional impact of this change, which is based on:

1. SEMO's understanding of matters, including internal review and analysis of current system operations,
2. Information provided by the Central Market Systems vendor;
3. Considerations raised by participants; and
4. Considerations highlighted in the SEM Market Audit for the period ended 31st December 2025.

This assessment also confirms that this release does not impact interfaces between Market Participant systems and the SEMO Central Market Systems, meaning there is no revision to the Interface Technical Specification.

Change Request Reference	Summary	Business Case for Change	Participant Interfacing Impact?
CR-342	Application of Incorrect Fixed Costs (defect reference 20240711 – 6323150)	As a result of Known Issue ID 20240711-6323150 CR342, the current Central Markets System implementation does not fully align with the TSC requirements for the calculation of Fixed Costs. Specifically, where multiple Commercial Offer Data submissions are made during a Trading Day, the market systems apply the most recently submitted No Load Cost value retrospectively to the preceding Imbalance Settlement Period within that Trading Day rather than applying the No Load Cost value appliable to each individual Settlement Period. The same also applies to Start Up Costs. This resolution will ensure that No Load Costs and Start Up Costs submitted as part of Commercial Offer Data are applied only to Imbalance Settlement Periods for which they are valid and accepted in accordance with the applicable Gate Closure provisions of the TSC. Following implementation,	No Impact on the Market System Interfaces

Change Request Reference	Summary	Business Case for Change	Participant Interfacing Impact?
		each Imbalance Settlement Period will be settled using the applicable Commercial Offer Data for that period rather than a later submission being retrospectively applied across the Trading Day. This change is necessary to ensure that settlement outcomes are aligned with the requirements of Sections D.2, D.3, F.3.3 and~~,~~ F.11.2 of the TSC, which among other things require No Load Costs and Startup Costs to be determined on an Imbalance Settlement Period basis using the applicable Commercial Offer Data. The root cause analysis of the defect is the incorrect recording of the time that a Commercial Offer Data (COD) submission is received by the Central Market Systems, which results in incorrect No Load Cost (CNL) and Start-Up Costs (CSU) being applied across the Trading Day. The fix will ensure the timestamp value is recorded correctly on all Commercial Offer Data submissions post deployment of the fix so that the correct CNL and CSU are applied to the correct, relevant Imbalance Settlement Periods. This fix does not impact interfaces between Market Participant systems and the Central Market Systems and consequently: • there is no update to the Interface Technical Specification; and • Participants will not be required to have their Communication Channels requalified under Agreed Procedure 3 “Communication Channel Qualification” as a result of this Application Release.	

3 TECHNICAL SCOPE FOR SEM RELEASE O/P.1

There are no technical CRs in this Release.

Change Request Reference	Summary	Change description	Participant Interfacing Impact?