RETAIL ENERGY CODE

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RELEASE PLAN

REC RELEASE DATE	05/11/2027
MAJOR/MINOR/PATCH RELEASE	MINOR
NEW REC VERSION	4.7.0

CHANGE PROPOSALS IN SCOPE	R0096 - CSS Message Regeneration Functionality

1 SCOPE

1.1 SCOPE OF THE RELEASE

There is currently one Change Proposal (CP) in scope of the November 2027 (4.7.0) REC Release, listed below, together with a summary of its impacts. There are other Change Proposals targeting the November Release, and this release plan will be updated once they are approved. Further information on each CP is available through the REC Portal. On 05 November 2027 these Code and technical changes will be delivered.

R0096 - CSS Message Regeneration Functionality

An inability by the Central Switching Service (CSS) to re-generate Market Messages that were not sent as intended can result in issues with the Switching process, both for REC Parties, and Consumers. This Change will create a message regeneration functionality that will mitigate this Consumer detriment.

The proposed solution will introduce new features to the CSS, including:

- Recovery Point System (RPSys): introduces a structured mechanism for the tracking, persisting and recovering of in-progress operations. This is designed to enhance the resilience, observability, recoverability of stalled operations within the CSS and is independent to the CSS. The scope of the RPSys was defined to ensure that any Market Participant requests which either fail to start, or are interrupted, are capable of recovery from a known, consistent point.
- Workflow Tracking Ledger: this will provide information of the current workflow state and act as the durable store for all recovery points.
- Workflow Regeneration Function: CSS would be able to compare the current workflow state against desired workflow state and, if there is a mismatch, will initiate the ‘Regenerate Workflow’. This acts as a self-healing system.
- A ‘Failing to Resolve Ledger’ has also been incorporated into the solution with the aim to provide live insight into the Workflow Ledger.

REC PRODUCTS IMPACTED:

ARTIFACT	CURRENT VERSION	DESCRIPTION	IMPACT
CATEGORY 2 PRODUCT			
Central Switching Service Definition	V1.5	Will be updated to reflect the changes implemented to the Central Switching Service.	AMENDED

REC STAKEHOLDERS IMPACTED:

STAKEHOLDER	STAKEHOLDER TYPE	DETAILS
CSS Provider	REC Service Provider	Will design, build, test and implement the technical solution for R0096.
CSS Users	REC Party	The implementation of this Change Proposal will allow CSS to automatically recover from any future major incidents, reducing the likelihood of industry impacting incidents from “probable” to “highly improbable”.

REC SERVICES IMPACTED: CENTRAL SWITCHING SERVICE

REC USER GUIDES AND KNOWLEDGE ARTICLES IMPACTED: N/A

2 OTHER IMPACTED REC PRODUCTS

REC BASELINE STATEMENT:

ARTIFACT	CURRENT VERSION	DESCRIPTION	IMPACT
CATEGORY 3 PRODUCT			
REC Baseline Statement	V4.22	Amended to reflect the new version numbers of REC products in scope of this release	AMENDED

3 IMPACTED REC SYSTEMS

REC PORTAL

No changes are required to the REC Portal to support the changes in scope of the release.

ENERGY MARKET ARCHITECTURE REPOSITORY (EMAR)

No impacts to EMAR have been identified for the changes that are in scope of the release.

4 RELEASE PLAN

REC PRE-RELEASE AND RELEASE ENGAGEMENT PLAN

EVENT / MILESTONE	DATE	COMMUNICATION METHOD
Legal Text Pre-Release	TBC	Weekly Bulletin
Release Webinar	TBC	Microsoft Teams
Release Go Live reminder	29/10/27	Change Bulletin/ Weekly Bulletin
Release Go Live communication	05/11/27	Change Bulletin/ Weekly Bulletin
Release Go Live communication on REC Portal	05/11/27	Release Management Page

5 TEST PLAN

TESTING REQUIREMENTS

There will be CSS testing of the technical changes to support the implementation of R0096.

6 TECHNICAL ASSURANCE

SERVICE PROVIDER ASSURANCE REQUIREMENTS

The Code Manager will conduct technical assurance of testing activities carried out for the CSS Provider for Change Proposal R0096.

PARTY ASSURANCE REQUIREMENTS

There are no Party Assurance requirements in scope of this release.

7 GOVERNANCE AND REPORTING

The Code Manager will report to RECCo on progress against the Release Plan as necessary.