Public

November 2026 Release PEC-MI Release 2, Cash Security, ISF Release 1.1b

July 2026

Industry Test Strategy

Public

Important notice

Purpose

The industry testing strategy sets out the high-level approach and principles associated with the National Electricity Market (NEM) testing activities that will support the NEM Reform November 2026 release which incorporates Flexible Trading Arrangements (FTA) Release 2, Cash Security, Project EnergyConnect - Market Integration (PEC-MI) Release 2 and Improving Security Frameworks (ISF) Release 1.1b.

Disclaimer

Copyright

Version control

Version	Release date	Changes
0.1	23/06/2026	Initial draft for Participant feedback
1.0	10/07/2026	Final version following participant review

AEMO acknowledges the Traditional Owners of country throughout Australia and recognises their continuing connection to land, waters, and culture. We pay respect to Elders past and present.

Contents

1 Introduction

This section provides background information on AEMO's November 2026 Release and sets out the purpose, scope, and approach to the development of this Industry testing strategy.

1.1 AEMO's November 2026 Release

AEMO's November 2026 Release is a major NEM Reform milestone that brings together several significant rule commencements and system changes, primarily affecting retail settlements, metering, prudentials, and interconnector arrangements. The release brings into effect Flexible Trading Arrangements (FTA) Release 2, Cash Security, Project EnergyConnect - Market Integration (PEC-MI) Release 2 and Improving Security Frameworks (ISF) Release 1.1b. The release introduces new settlement constructs such as Secondary Settlement Points, prospective prudential cash handling, and looped interconnector configuration.

The scope of this Industry test strategy covers PEC-MI Release 2, Cash Security and ISF Release 1.1b. The Industry Test strategy for FTA Release 2 has been published in a separate strategy document.

1.1.1 Project EnergyConnect – Market integration

AEMO's PEC-MI project is a NEM Reform initiative established to implement the market, system and procedural changes required to integrate the Project EnergyConnect (PEC) interconnector—particularly Stage 2, which introduces a high-capacity (~800 MW) link that creates a parallel transmission loop across South Australia, New South Wales and Victoria and fundamentally changes market design dynamics. While the overall program is split into two phases (or releases), Release 2 is primarily focused on settlement system integration, delivering changes to how inter-regional settlement residues (IRSR) are calculated and managed in response to the AEMC's rule change, including netting of residues in transmission loops and incorporation of PEC flows into the Settlement Residue Auction (SRA) framework. In practical terms, Release 2 transitions the NEM from dispatch-only modelling of the new interconnector to full financial settlement integration, ensuring the market can accurately price and allocate residues under the new network topology created by PEC Stage 2.

1.1.2 Cash Security

The Cash Security initiative implements an AEMC rule change that allows AEMO to accept cash as a form of credit support from market participants from 1 November 2026. The reform modernises NEM prudential arrangements by supplementing bank guarantees and letters of credit with a capped, CPI-indexed cash option. AEMO is delivering system, process and guideline changes across prudentials, settlements and billing to operationalise this reform, supported by industry testing in October 2026. The final Cash Security guidelines were published in June 2026.

1.1.3 ISF Release 1.1b

AEMO's Improving Security Frameworks (ISF) project is a NEM Reform initiative implementing the AEMC's March 2024 rule change to strengthen how essential system security services (e.g. system strength, inertia and transitional services) are procured, scheduled and managed as the grid transitions to higher penetrations of inverter-based resources, reducing reliance on directions and improving transparency and investment signals. Release 1 (December 2025) established the core enablement framework, allowing AEMO to proactively schedule contracted security services across the NEM, supported by new systems and reporting arrangements. Subsequent releases such as Release 1.1b build on this foundation through a phased delivery approach, progressively introducing enhanced automation, scheduling functionality and participant-facing improvements to support full system security enablement and transition from manual or directed processes to streamlined, system-driven operations.

1.2 Purpose of the industry testing strategy

This document provides stakeholders—particularly NEM participants affected by the changes—with a clear understanding of the industry testing planned for the NEM Reform November 2026 release. This will be a combined industry test across multiple initiatives, and AEMO will monitor participants' execution of test scenarios through regular Q&A sessions. A dedicated test management tool (for example, PractiTest) is not required for this industry test.

Market participants will be requested to test the in-scope items and report any defects to AEMO via the NEM Reform mailbox (NEMReform@aemo.com.au) or during the scheduled Q&A sessions.

This industry test strategy document will help participants understand and plan for system, process, and operational changes that will commence when the respective initiatives come into effect in late October / Early November 2026.

1.3 Reference documents

The related documents mentioned in Table 1 are relevant to this industry testing strategy.

Table 1 November 2026 Release reference documents and web sites

#	Document name
	PEC-MI
	AEMO | Project EnergyConnect – Market Integration project
	PEC-MI Settlements reference paper
	PEC-MI HLIA (Final)
	AEMO Transgrid Electranet PEC Market Integration Information Session 13 April 2026
	Cash Security
	AEMO | Cash Security
	Cash as credit support FINAL High level implementation assessment v1.0
	AEMO | Cash Security Guidelines Consultation
	AEMC Rule changes - Allowing AEMO to accept cash credit support
	ISF Release 1.1B
	AEMO | Improving Security Frameworks for the Energy Transition
	Improving security frameworks HLIA

#	Document name
	AEMO | Security Enablement Procedures Consultation
	AEMC Improving security frameworks for the energy transition - rule change
	Daily reporting of system security services (June 2026) Fact Sheet

1.4 Audience

This Industry testing strategy is primarily intended for all NEM participants affected by the November 2026 release, particularly their respective:

- Test managers
- Test leads
- Test analysts (system integration, UAT, industry testing)
- Project managers
- Developers and business and functional SMEs
- Market Participants

Secondary audiences within these organisations including:

- Development managers
- IT operations teams
- Change controllers
- Operations teams

2 Industry testing Framework

This section describes the framework that underpins the November 2026 release industry testing strategy. It explains the industry test strategy's objective, scope, assumptions, communications, data refresh requirements, test environment and indicative timeline for AEMO's November 2026 release.

2.1 Industry testing objective

Industry testing provides market participants the opportunity to test their updated systems and processes against AEMO's Pre-Production system with the respective system changes applied for the November 2026 Release.

In relation to the November 2026 release, the overall objective of industry testing is: *To support industry readiness and confirm AEMO's and Participants' preparedness for the respective* November 2026 release *go-live dates.*

2.2 November Release approach to settlements

Initially AEMO planned to run settlements for the November Release Market Tests. Under normal circumstances, Settlements is run on retrospective billing weeks and we typically refresh Pre-production and then run Settlements for settlement weeks prior to the refresh. This ensures that meter data and dispatch data is available for Settlements.

For the November release, each of the initiatives require settlements to be run prospectively:

- For PEC-MI Release 2, PEC loop configuration (including the looped interconnector identification and TNSP allocation logic) must be applied prospectively only. Once PEC is configured as a loop in AEMO systems, it cannot be back dated to earlier settlement weeks.
- For Cash Security, interest calculations and cash handling are prospective only and cash instructions cannot be retrospective.

In addition to the various project constraints, AEMO will need to perform another refresh of Pre-production in the last week of August to accommodate settlement runs for the November Release Market Tests which will also presents conflicts to other initiatives, particularly PEC-MI Release 2 and the BPQD/IDX industry test.

Two alternatives were considered to resolve these constraints:

1. Run settlements prospectively for the November release
    - This will necessitate the creation of a process to copy meter reads for 12.5 million NMIs from Production to Pre-production for each of the settlement runs. This would be a new approach in Pre-production and present risk to project timelines and to the Market tests themselves.
    - A process will need to be devised to create meaningful dispatch data for PEC-MI Release 2
    - A Pre-production refresh will be required in late August for this option which clashes with preparations for the PEC-MI and BPQD/IDX Industry Tests

2. Don't run Settlements in Pre-production for the November release but provide Participants with artefacts from testing in lower environments that demonstrate the impact of the respective changes.

AEMO recommends option 2 (not running Settlements) as we believe the risks and complexity associated with running prospective settlements outweigh the risks associated with not running settlements in Pre-production for the November release. As a result, Industry Testing for Release 2 will focus on the market, standing data, interface and process changes needed to support flexible trading arrangements.

AEMO is seeking feedback from Participants on this approach either through the Implementation Forum, the Industry Test Working Group (ITWG), or directly via the NEMReform mailbox NEMReform@aemo.com.au.

2.3 Industry testing scope

The scope of this Industry Test will be to enable participants to exercise their respective processes on AEMO's Pre-Production system.

The following Technical Specification documents combined with the respective Procedures should be considered as the source of truth and should be referred to for the scope of the November 2026 release.

- EMMS - System Security Scheduler - October 2026 (ISF Release 1.1B)
- Data Model 5.7 October Technical Specification (ISF Release 1.1B)
- EMMS - Cash Dashboard - October 2026 (Cash security)
- Data Model 5.8 October Technical Specification (PEC-MI, Cash Security)

2.3.1 Data model updates 5.7 & 5.8

There are updates to data model 5.7 for the following November Release initiatives:

- ISF Release 1.1B

There are also updates to data model 5.8 for the following November Release initiatives:

- PEC-MI Release 2
- Cash Security

Participants wanting to utilise the functionality associated with these initiatives will need to migrate to data model 5.7 for ISF Release 1.1B and data model 5.8 for PEC-MI Release 2 and Cash Security.

AEMO will provide Industry Test support for the 5.8 data model changes from late September 2026 via the regular NEMReform Q&A sessions.

2.3.2 PEC-MI Release 2 scope inclusions

The following functionality will be in scope for the November 2026 release industry test:

Dispatch Dashboard

The SA–NSW PEC interconnector is added to the Dispatch Overview. For the PEC interconnector, dashboards will now display:

- Flow direction
- Flow value (MW)
- Directional arrows aligned to actual flow e.g. Positive flow: NSW → SA, Negative flow: SA → NSW

Constraints

When the PEC-MI loop constraints are in place, participants can:

- Test how new constraint equations affect plant dispatch
- Observe impacts on:
    - Generator availability
    - Network limits
    - Interconnector flows

2026 Q4 SRA Auction

The 2026 Q4 Settlement Residue Auction (SRA) will be run in Pre-Production in parallel with the respective production auction and will run from 1 September to 14 September 2026. Participants will be able to rehearse submission of SRA bids and offers in Pre-Production prior to making their production bids and offers in the 2026 Q4 SRA.

Data Model

Data model 5.8 includes 5 new tables to support PEC-MI Release 2.

- BILLING_IRSR_NSP_ALLOCATION (used to show participants the negative residue amount allocated to the TNSP
- based on regional share)
- SET_IRSR_DIRECTIONAL_LINK (contains the MW Flow and Inter-Regional Residue Amounts for all primary interconnectors)
- SET_IRSR_LOOP_REGION_SUMMARY (contains Inter-Regional Net Loop Allocations and Net Regional Export Quantities)
- SET_IRSR_LOOP_NSP_ALLOCATION (contains Inter-Regional Negative Residue Amounts to allocate to TNSPs)
- SET_IRSR_LOOP_NETTRADE_AMOUNT (contains the final net trade amount for the two directional interconnectors to allocate)

All the above reports are dependent on AEMO's Settlement / Billing process which is out of scope of this Industry Test. AEMO is seeking feedback from Participants on whether samples of the above reports will be required and if so, are there any specific scenarios they would like to see demonstrated on the reports.

Settlements

As noted in Section 2.2 of this document, AEMO will not be running its Settlement process in this Industry Test. AEMO will provide Participants with sample settlement statement outputs from its UAT settlement runs demonstrating the move from path-based residue allocation to loop-aware net residue calculation in AEMO statements. Participants are asked to identify any specific scenarios that they would like to see in AEMO's sample bills by email to NEMReform@aemo.com.au.

2.3.3 Cash Security scope inclusions

The following functionality will be in scope for the November 2026 release industry test:

Cash Dashboard

Participants will be able to test the **new transactional workflows introduced in the Cash Dashboard**, including:

- Create and submit cash security instructions via the Markets Portal
- Use new instruction types specific to cash security
- Edit, cancel, and manage instruction lifecycle (including version tracking in the UI)
- Search, filter, and view instruction status/history

Cash Management API

Participants can test extensions to existing Cash Management APIs which includes submission and retrieval of cash instruction data.

Data Model 5.8

Data model 5.8 includes 3 new tables to support Cash Security Release 2.

- BANK_GUARANTEE (Indicates the amount of bank guarantee the participant has with AEMO)
- CASH_SECURITY (Indicates the amount of cash security the participant has with AEMO)
- BILLING_CASHSEC_INTEREST_PAY (Indicates the amount of cash security interest payment the participant receives)

The BANK_GUARANTEE and CASH_SECURITY reports can be tested by Participants by applying Bank Guarantees and Cash securities in pre-production via the respective portals. During the Industry Test participants will need to advise AEMO via NEMReform@aemo.com.au that they have applied payments so that the AEMO Prudentials analyst can approve the test payment. Please note that no physical payments will be processed during this industry test.

The BILLING_CASHSEC_INTEREST_PAY report is dependent on AEMO's settlements / billing process which is out of scope for this industry test. Anonymised samples of this report will be available on request.

Billing

As noted in Section 2.2 of this document, AEMO will not be running its Settlement/Billing process in this Industry Test. AEMO will provide Participants with sample outputs from its billing run demonstrating interest calculations and formatting changes to AEMO bills. Participants are asked to identify any specific scenarios that they would like to see in AEMO's sample bills by email to NEMReform@aemo.com.au.

2.3.4 ISF Release 1.1B scope inclusions

In the November 2026 release industry test for ISF release 1.1b, Participants will be able to test new and enhanced external-facing functionality, including System Security Management (SSM) updates and new and enhanced data model reports.

SSM New functionality

Participants can test the new SSM functionality in the Markets Portal.

- DUID Schedule (new view)
  - Allows participants to view scheduled enablement outcomes for their units
  - Shows linkage between DUID, Contract and Availability
- Region Schedule (new view)
  - Provides region-level view of scheduling outcomes
  - Shows aggregated system security service requirements and outcomes
  - Allows Participants to download Region Schedule

SSM Enhanced functionality

Participants will also be able to test the following minor SSM enhancements:

- Changes to enablement instructions with enhanced filters and pagination

Data model 5.7

Participants will be able to validate the following new and enhanced ISF reports provided in data model 5.7.

New reports

Two new tables in the SYSTEM_SECURITY_MANAGEMENT package (Report name: SSM_FORECAST) which provide notice of system security status to service providers/TNSP. The intent of these tables is to provide forewarning of possible enablement instruction that may be required. The new table names for this report are as follows:

- SSM_INDICATIVE_ROLL_DUID
- SSM_INDICATIVE_ROLL_REGION

Enhanced reports

- GENCONDATA_TRG (GENERIC_CONSTRAINT package, table name: GENCONDATA - sets out the generic constraints contained within a generic constraint set invoked in PASA, pre-dispatch and dispatch.) has additional columns indicating that a constraint is used in SSM.

- SET_NMAS_RECOVERY and SET_NMAS_RECOVERY_RBF (SETTLEMENT_DATA package - sets out the NSCAS recovery data for payments). Changes are limited to attribute length changes. These reports are dependent on settlements and as a result, data will not be populated for this report during the Industry Test.

2.3.5 Scope exclusions

Industry testing scope exclusions:

- AEMO's PAE, Settlement and Billing processes will not be run during this Industry Test due to the constraints outlined in section 2.2 of this document.
- Due to the settlements constraints outlined above, some new or updated data model reports will not be available. The reports impacted by this constraint are noted in the respective data model section of the above in-scope sections of this document.
- For Cash Security, no physical payments will be required. All payments during the test will be managed using simulated test files and there will be no interfacing with AustraClear.
- For Cash Security, Participant Maximum Credit Limits (MCL) will not be recalculated based on simulated payments made during the Industry Test.
- AEMO cannot provide technical support for technical issues that occur outside of AEMO software.
- Testing of any functionality not mentioned in the respective scope sections of this document should be considered out of scope.
- Changes to NEM participants' supporting business systems that do not directly interact with AEMO's market systems (i.e. back-end systems). These are addressed by participants' own test strategies
- Downstream business processes for each industry participant.
- Accreditation: There are no accreditation requirements for this release.

Each NEM participant is responsible for their own preparedness in respect of the above matters and should account for such items within their respective organisational testing programs.

2.4 Approach

The November 2026 Release Industry Test will be conducted as follows:

- AEMO will deploy the changes to the data model and to the respective applications prior to Industry Test.
- AEMO will conduct Business Verification Testing (BVT) to validate the deployment.
- Participants can conduct Industry Testing.
- AEMO will provide support via regular Q&A sessions and via the NEMReform mailbox.
- Participants can continue testing beyond the Industry Test window, however this testing won't be directly supported by AEMO Q&A sessions.

2.5 Assumptions

There are several key assumptions underpinning the industry testing strategy:

1. Participation in the Industry Test is voluntary.
2. AEMO will provide and maintain the single Pre-Production environment which will be used for the industry test phase.
3. As part of any changes to Pre-Production, AEMO will give notice to participants of outages or code changes and provide release notes for the changes.
4. AEMO will perform all internal functional testing prior to the release of any changes into pre-production for all the November 2026 release changes.
5. Participants will perform testing on any internal application changes prior to connecting to the AEMO pre-production environment.
6. Participants will have appropriately skilled resource capability for execution and support requirements during industry testing.
7. AEMO will provide support to investigate and resolve defects identified during industry test. All participants engaging in industry testing will report any defects to AEMO by sending an email to NEM Reform inbox: NEMReform@aemo.com.au
8. Results from industry testing may be used by participants for their own assessment of go-live criteria.
9. AEMO will support participants to resolve any connectivity issues within the pre-production environment.

2.6 Communication and Q&A session approach

Commencement of Q&A sessions will be aligned with the test execution for industry testing. These Q&A sessions will be in the form of meetings with the below details:

- Scheduled daily for 30 minutes in duration for Participants who seek clarifications or discussions related to industry testing for the duration of the industry test. The frequency of these meetings may be reduced during the industry test based on Participant demand.
- Meetings will be recorded for action taking purposes.
- Questions not answered during the meeting will be taken away and answered following the meeting.
- Ad hoc meetings can be organised between 09:00 and 17:00 Hrs (AEST) on business days, for any defects needing prioritised attention.
- Latest defect updates, if any, will be sent out after the sessions as part of defect reporting.

Table 2 describes how the progress of industry testing will be monitored and reported. Communications and defect reporting will involve both AEMO and participants.

Table 2 Communications and Q&A session approach

Frequency	Type	Responsible
Once or twice a week (TBC)	• Combined Q&A sessions for all 3 initiatives (PEC-MI, Cash Security and ISF 1.1b) – 1 October 2026 to 30 October 2026 • Separate Q&A sessions will be scheduled for FTA Release 2 • Defect reporting via email	AEMO and Participants
Ad hoc	• Defect related meetings will be organised for the defects needing prioritised attention • Issues in accessing Pre-Production environment • Issues subscribing to NEM Reports	AEMO and Participants

2.7 Data refresh

There is no requirement for a Pre-Production data refresh for this initiative.

The last refresh of the Pre-Production environments took place between 24 March 2026 and 28 March 2026. The refresh was sourced from production snapshots taken on the following dates:

- Wholesale System Production snapshot taken on 12 March 2026.
- Retail System Production snapshot was taken on the morning of 18 March 2026. This refresh contains 6 months of meter data.

Participants are encouraged to align their Pre-Production data, if possible, as this will make aligning data between participants easier.

2.8 Test environment: AEMO pre-production

AEMO will prepare and maintain the single pre-production environment prior to the commencement of Industry Testing. Any testing related support for the November 2026 Release in the pre-production environment will be provided between 09:00 and 17:00 Hrs (AEST) on business days. Support will be provided through the NEM Reform inbox: NEMReform@aemo.com.au and via the scheduled Q&A sessions. Pre-production environment and access issues can be raised directly via the AEMO support hub.

2.9 Timeline

The November Release Industry tests will be conducted from October 2026. The exception is the FTA 2 release (out of scope for this document) which will commence 7 September 2026. AEMO will provide support to Participants via the Q&A sessions through to 30 October.

The timelines for the industry testing of the PEC-MI, Cash Security and ISF 1.1B projects are shown in Figures 1 to 3 respectively. Key milestones for the projects are shown on Table 3, below.

Figure 1 PEC-MI project timeline

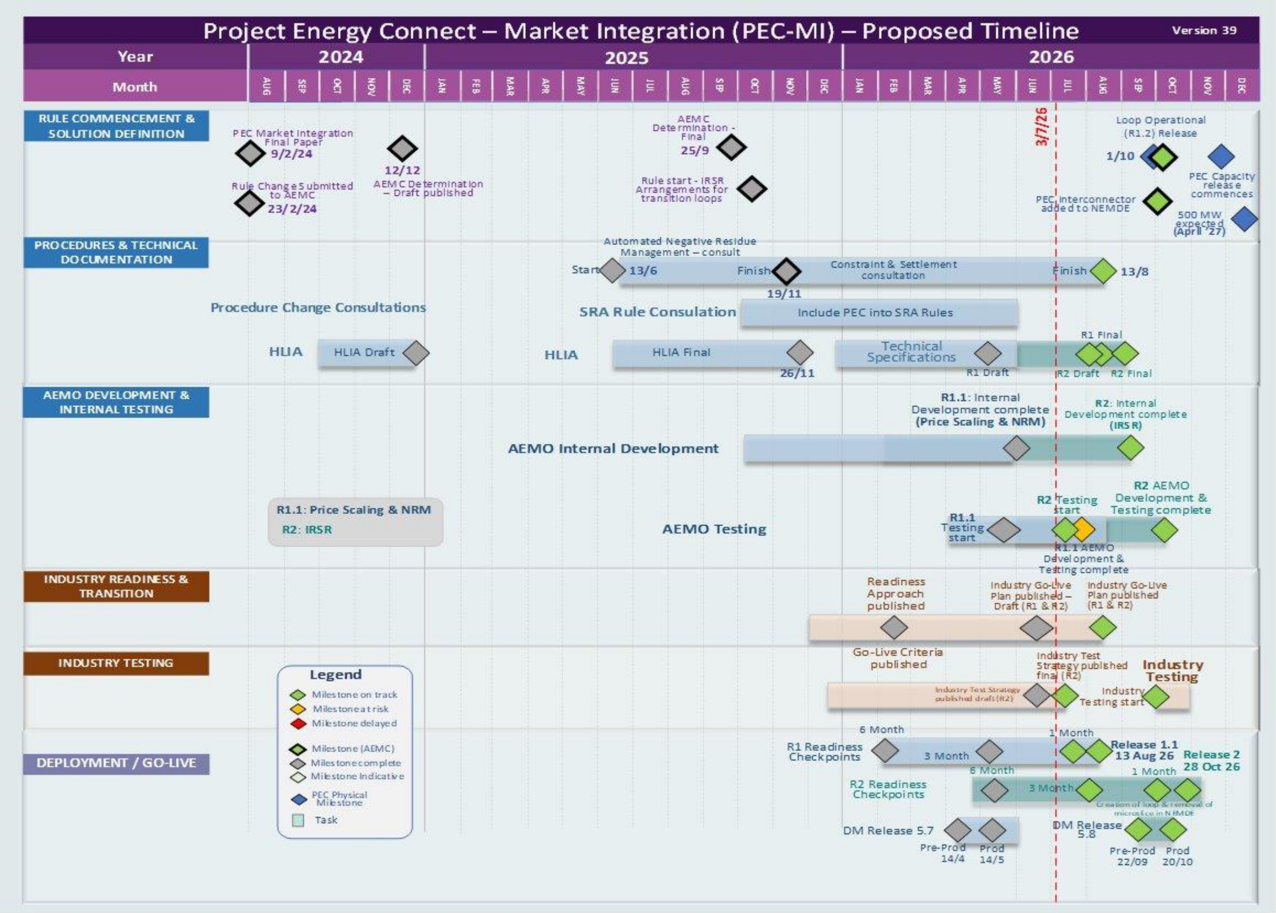
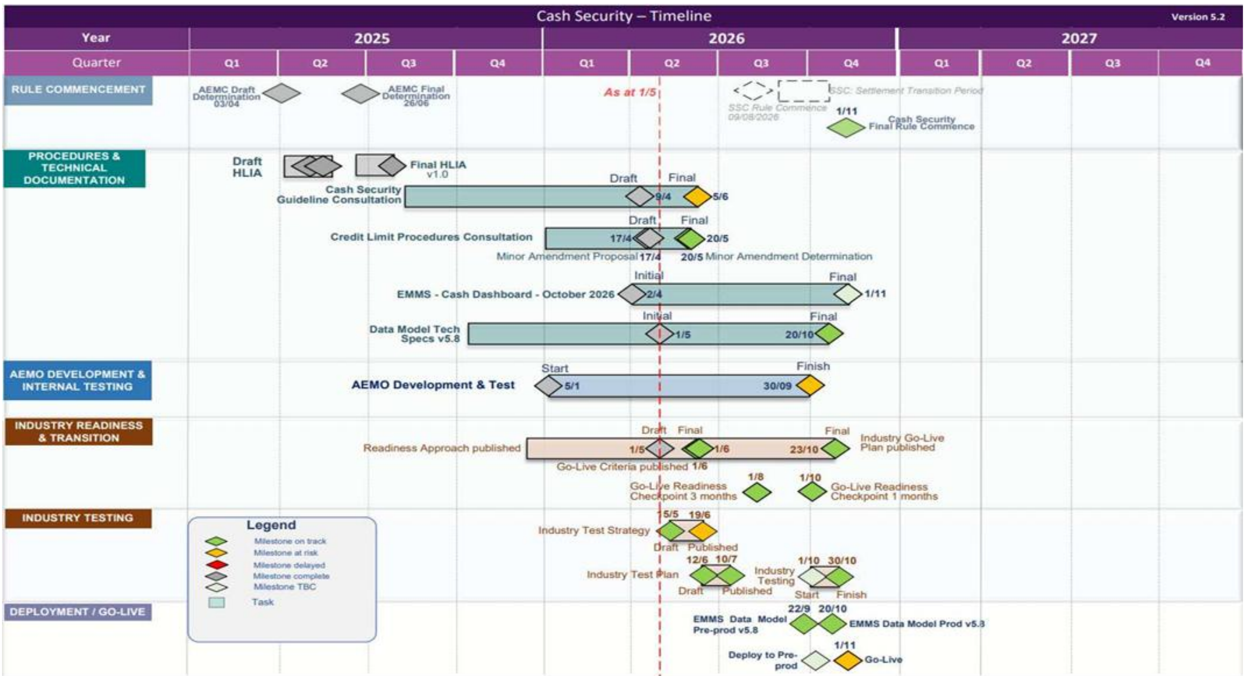


Figure 2 Cash Security project timeline



AEMO acknowledges the Traditional Owners of country throughout Australia and recognises their continuing connection to land, waters, and culture. We pay respect to Elders past and present.

Figure 3 ISF Release 1.1B project timeline

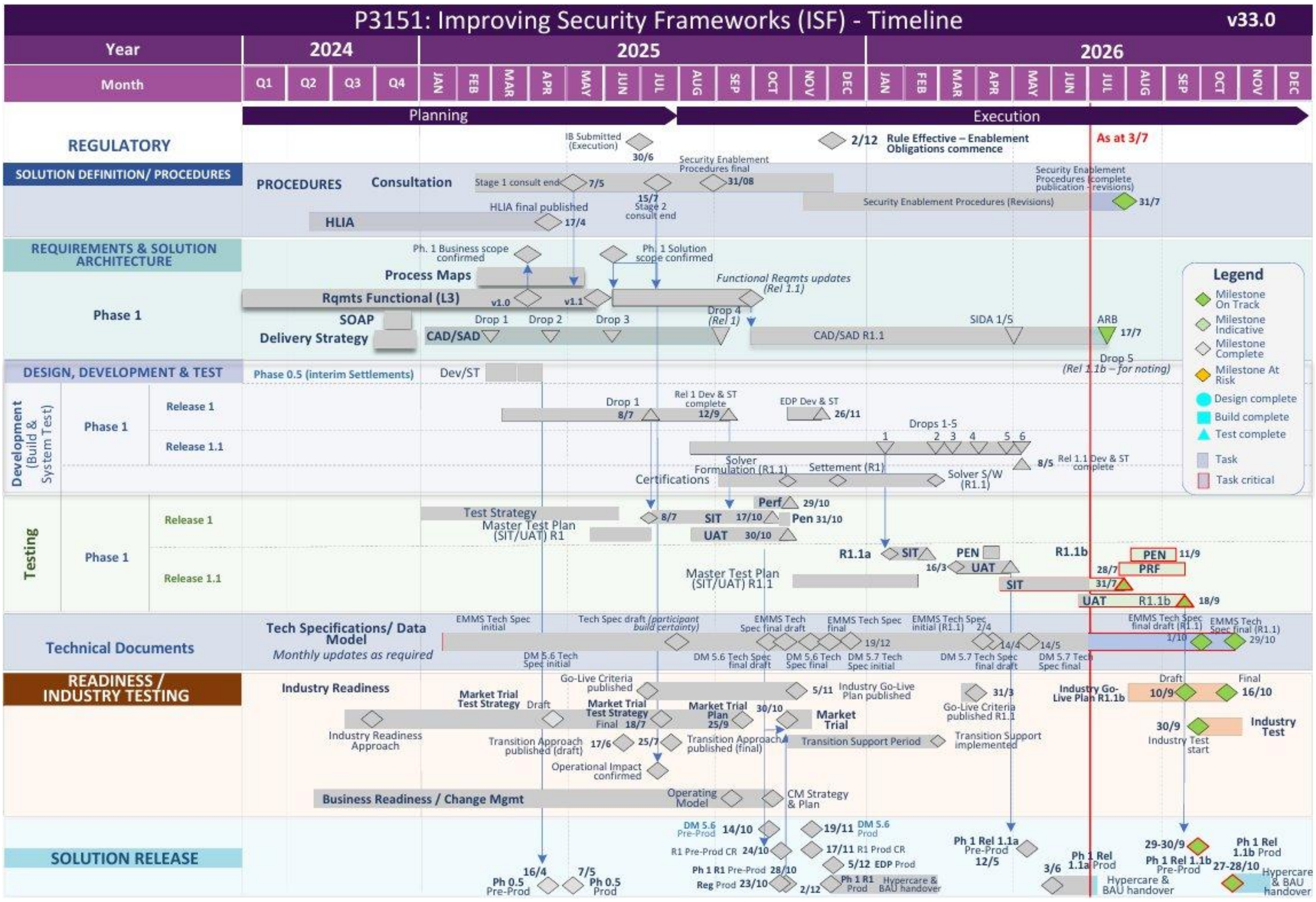


Table 3 November Release project milestones

Milestone	Date
November 2026 Release Industry Test Strategy published (Final)	10-Jul-2026
Pre-Production release of data model 5.8	22-Sep-2026
Production release of data model 5.8	20-Oct-2026
PEC-MI	
PEC-MI Release 1&2 Go-Live Plan published (Draft)	23-Jun-2026
PEC-MI Release 1&2 Go-Live Plan published (Final)	06-Aug-2026
PEC-MI Industry Test start	05-Oct-2026
PEC-MI Industry Test concludes	30-Oct-2026
PEC-MI Go-Live	28-Oct-2026
PEC-MI Rule effective date	01-Nov-2026
Cash Security	
Cash Security Go-Live Plan published (Draft)	15-Sep-2026
Cash Security Go-Live Plan published (Final)	23-Oct-2026
Cash Security Industry Test start	01-Oct-2026
Cash Security Industry Test concludes	30-Oct-2026
Cash Security Go-Live	01-Nov-2026
Cash Security Rule effective date	01-Nov-2026

Milestone	Date
ISF Release 1.1B	
ISF Release 1.1B Go-Live Plan published (Draft)	10-Sep-2026
ISF Release 1.1B Go-Live Plan published (Final)	10-Sep-2026
ISF Release 1.1B Industry Test start	30-Sep-2026
ISF Release 1.1B Industry Test concludes	29-Oct-2026
ISF Release 1.1B Go-Live	28-Oct-2026
Rule effective date	29-Oct-2026

3 Defect management

Industry testing defect management will be a collaborative effort, principally involving AEMO's and participants' testing teams, development teams and business analysis teams.

The objective of defect management is to resolve all defects within the project lifecycle. However, this objective must be balanced against other project objectives, such as achieving the schedule and the system impact and priority of the defect.

Participants can report defects to AEMO by sending an email to NEM Reform inbox NEMReform@aemo.com.au and AEMO will manage all the defects that were identified during test execution. This includes defects identified by AEMO in its internal testing. Ad hoc meetings can be organised between 09:00 and 17:00 Hrs (AEST) on business days, for any defects needing prioritised attention for resolution. Defects identified by Participants that are not a result of the November 2026 Release changes will be raised with the relevant AEMO BAU support team for prioritisation and action. Where it is determined that it is not an AEMO defect, AEMO will coordinate with market participants to obtain the status of the defect.

3.1 Defect management approach

3.1.1 Raising defects

Defects reported by participants during industry testing will be captured by AEMO's test team in Jira, with the following information:

- Description of defect
- Who detected it and the date it was detected
- Defect owner (entered after gaining agreement as to who owns the defect)
- Target fix date (entered by defect owner)
- Defect severity
- Defect priority
- Defect status
- Defect root cause (entered by defect owner).

3.1.2 Defect escalation and triage

All open defects will be discussed in the weekly meeting. If a critical/high priority defect can't be resolved within the agreed timeframes, it can be escalated in the same meeting.

Defect triage meetings will be held internally in AEMO to discuss the status of any reported defects. Defects will be shared with participants via the Q&A Sessions.

3.1.3 Defect severity and prioritisation

Defects will be classified according to severity and where there are multiple within a severity, they will be addressed based on priority by the participant test leads in consultation with other affected participants, as described in Table 4. Severity will indicate the degree to which the defect affects both the system capability, testing execution and the overall project. Priority is determined by assessing probability of occurrence and the business impacts, as described in Table 5.

Table 4 Defect severity classification

Severity	Definition
1- Showstopper	Defect is considered critical to business operations and/or testing. Core business and project impact.
2-Major	Defect is considered high impact to the business operations and/or testing. However, core business processes are still able to be completed (possibly via workarounds, etc.) and some testing is still able to continue.
3-Moderate	Defect is considered moderate impact to the business operations and/or testing. Core business processes are unaffected, and workarounds available, with testing still able to continue.
4-Minor	Defect is considered low impact to the business operations and/or testing. Core business processes are unaffected, and testing is still able to continue.

Table 5 Defect priority classification

Priority	Definition
1- Blocker	Entire functionality is blocked, and no testing can be conducted. Fix/resolution turnaround time best endeavour effort in first 4 hours or provide update on impact.
2-Highest	Defect is considered high impact to testing; multiple tests are blocked/failed due to the defect and no workaround is available
3-High	Defect is considered high impact to testing one or more tests can be linked to the defect, but workaround is available, and testing is still able to continue.
4-Medium	Defect is considered moderate impact to testing where one or more tests can be linked to the defect, but workaround is available and none of these tests are currently a priority.
5-Low	Defect is considered low impact to testing. No tests are failed or blocked due to this defect.

Post acceptance of a defect, a resolution date will be added and published in the weekly defect report for all identified defects.

3.1.4 Defect cause

Defect root cause of a valid defect will be updated in Practitest by AEMO's test team once the defect cause is identified. Table 6 shows the available defect causes and their descriptions.

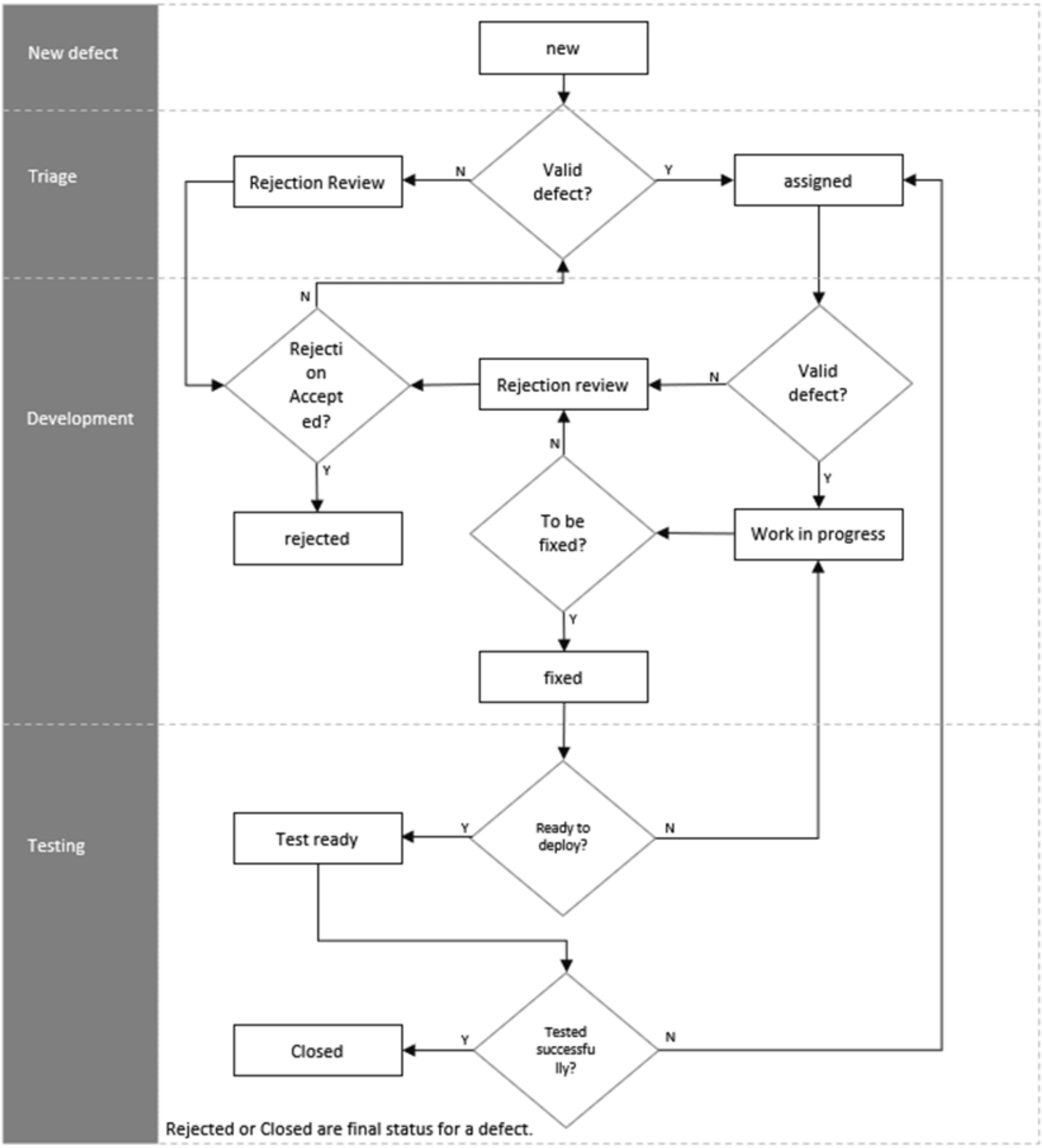
Table 6 Defect cause

Defect Cause	Definition
Design	The design of the process does not meet the requirements specified. Defect may include examples, algorithm (incorrect calculation), error handling, creation/release of object or memory, decision logic error, loop control, procedure call, failing to validate data values before being used.
Configuration	The intended outcome of the configuration is not met.
Data	There are system data issues for the process that may prevent test completion.
Requirements	Unclear or incorrect requirement, Functional and Business specification documentation.
Infrastructure/Hardware	Defect is not in the object being tested but, in the test set up, for example the wrong configuration or version control of platform, operating system, browser, hardware or networking, system is down, or the environment is down.

3.1.5 Defect process flow

Figure 4 shows the defect management process throughout the various defect management statuses of the defect lifecycle from its inception through to its closure.

Figure 4 Defect management cycle



GLOSSARY

This document uses many terms that have meanings defined in the National Electricity Rules (NER). The NER meanings are adopted unless otherwise specified.

Term	Definition
AEMC	Australian Energy Market Commission
AEMO	Australian Energy Market Operator
AER	Australian Energy Regulator
API	Application Programming Interface
BAU	Business as Usual
BVT	Business Verification Testing
DM	Data Model
DUID	Dispatchable Unit Identifier
EMMS	Electricity Market Management System
FTA	Flexible Trading Arrangements
HLIA	High Level Implementation Assessment
IDX	Industry Data Exchange
IRSR	Inter-regional Settlement Residues
ISF	Improving Security Frameworks
ITWG	Industry Test Working Group
MCL	Maximum Credit Limit
MW	Megawatt
NEM	National Electricity Market
NER	National Electricity Rules
NMI	National Metering Identifier
NSCAS	Network Support and Control Ancillary Services
PAE	Profile Allocation Engine
PASA	Projected Assessment of System Adequacy
PEC-MI	Project EnergyConnect – Market Integration
Q&A	Questions and Answers
RBF	Regional Benefit Factor
SME	Subject Matter Expert
SRA	Settlement Residue Auction
SSM	System Security Management
TNSP	Transmission Network Service Provider
UI	User Interface
UAT	User Acceptance Testing

AEMO acknowledges the Traditional Owners of country throughout Australia and recognises their continuing connection to land, waters, and culture. We pay respect to Elders past and present.