Improving Security Frameworks – Release 1.1b
November 2026

Industry Go-live Plan – Final v1.1



Important notice

Purpose

This document describes the go-live approach for upgrading AEMO's wholesale systems for Improving Security Frameworks release 1.1b.

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Version control

Version	Release date	Changes
0.1	11 September 2026	Draft for Industry Review
1.0	22 October 2026	Final version – Dates for Industry Test commencement and PPD deployment rescheduled
1.1	17 November 2026	Final version updated to align to new deployment and Security Enablement Procedures effective date and Outage requirement.

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.

Executive summary

The Improving Security Frameworks (**ISF**) rule change strengthens arrangements for system security services as the power system transitions. The ISF project supports how system security services are procured, scheduled, enabled and reported. Release 1 established the core enablement framework in December 2025. ISF Release 1.1b builds on the initial ISF implementation by introducing further wholesale system changes to support automated enablement, scheduling, reporting and participant-facing enhancements for system security services. The release is scheduled for Production deployment Wednesday **25th to Friday 27th November 2026 as a single release** with an **outage to NEM operations planned for 8-10am AEST and 9-11am AEDT Thursday 26th November 2026**.

EMMS Data Model v5.7 is already available in Production, enabling impacted participants to complete their reporting readiness activities ahead of the Production deployment.

AEMO has a key coordination role, through collaboration with its industry working groups, to ready Industry and itself for the various system and market "go-live" dates. AEMO will complete Preproduction deployment and industry testing activities ahead of the Production release.

Industry testing is currently underway and provides impacted participants with an opportunity to validate relevant ISF Release 1.1b functionality, Data Model 5.7 reporting, report ingestion and operational processes in AEMO's Preproduction environment. Participant testing is encouraged but is not a formal prerequisite for AEMO's technical readiness decision.

Readiness for Production will be assessed through established go-live criteria covering AEMO solution readiness, AEMO business readiness and participant readiness considerations and outcomes communicated through established NEM Reform forums, including the Program Consultative Forum and Implementation Forum.

During the go-live window and immediately following Production deployment, AEMO will support participants through established communication and support channels to confirm deployment status and manage issues. This includes NEM Reform communications, Q&A sessions, defect reporting channels and Support Hub processes. If any issue arises that affects agreed readiness or go-live criteria, AEMO will assess the impact, determine the appropriate path forward and communicate updates to participants through established channels.

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1. Introduction

This chapter describes the implementation of the National Electricity Market (NEM) Reform Program's Improving Security Frameworks (ISF) Release 1.1b. The document focuses on the go-live activities, communications and participant actions needed to support transition from Preproduction testing to Production operation.

1.1 Audience

This document is primarily intended for NEM market participants impacted by ISF Release 1.1b, including Transmission Network Service Providers (TNSPs), Providers of system security services, and participant IT, operational, testing and support teams that need to prepare systems, processes or operational teams for the release.

1.2 Improving Security Frameworks (ISF) rule change

The Improving Security Frameworks rule change strengthens arrangements for system security services as the power system transitions. The ISF project supports how system security services are procured, scheduled, enabled and reported. Release 1 established the core enablement framework in December 2025. Release 1.1b builds on that foundation by introducing enhanced automation, scheduling functionality and participant-facing improvements.

1.3 ISF Release 1.1b changes

Fully automated enablement, planned for Release 1.1b, is scheduled for 25th to 27th November 2026. Changes include:

- Automated enablement and other non-core functionality (internal).
- New SSM indicative rolling DUID and regional schedule reports.
- Updates the Markets Portal to include Region and DUID schedule screens.
- Markets Portal enhancements to enablement instructions and asset availability screens including filtering, searching and validation enhancements.
- EMMS and Data Model 5.7 technical specifications.

1.4 Go-live planning engagement

The ISF Industry Go-Live Plan is developed in consultation with industry through the Implementation Forum. Table 1 below illustrates AEMO's engagement approach and timeline for developing the plan.

Table 1 ISF Release 1.1b Go-Live Plan development timeline

Milestone	Date
Publish draft for industry feedback	11 Sep 2026
Deadline for industry feedback	16 Oct 2026
Publish final plan	22 Oct 2026

Milestone	Date
Publish final plan v1.1	17 November 2026

2. Go-live Plan Framework

2.1 Scope

- In Scope
  - Deployment of wholesale system changes supporting ISF Release 1.1b
  - EMMS Data Model v5.7 changes and relevant technical specifications
  - Production go-live communications and go-live confirmation
  - Support arrangements and issue management during industry testing and go-live.
- Out of Scope
  - Participant internal contingency plans.
  - Participant-specific system build or internal release management activities
  - Legal or business advice for participant compliance decisions

2.2 Principles

The industry transition and go-live strategy principles apply to ISF Release 1.1b changes. These are:

- Operation of the NEM should be uninterrupted during periods of transition and go-live.
- Market system go-live risks should be identified, monitored and minimised.
- Participants should be provided with implementation flexibility where possible.
- Participants and AEMO remain responsible for their own go-live planning.
- Where a deployment activity has participant impact, AEMO will provide relevant communications and support channels.

3. Industry Go-live Plan

3.1 Industry Testing

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. Industry testing provides impacted participants the

opportunity to prove their processes and updated systems against AEMO's Preproduction system with the relevant ISF Release 1.1b changes applied.

The current approach is a combined November 2026 Release industry test covering multiple initiatives, supported through the NEM Reform Q&A process and defect reporting channels. For industry test commencement and completion dates, refer to Table 2.

For further details including testing scope inclusions please refer to the November 2026 Release Industry Test Strategy[1].

3.2 EMMS Data Model v5.7 release

Participants wanting to receive the ISF information in their Data Interchange environments must upgrade to EMMS Data Model v5.7. Data Model 5.7 was made available in Preproduction on 15 April 2026 and Production on 14 May 2026. Participants should refer to AEMO's published EMMS Data Model 5.7 technical specification[2] for final table and reporting field details.

Data model 5.7 release provides two scripts to participants, one to create the data model from scratch and the other to update from a previous version. This step is a pre-requisite for any participant to be able to perform their testing.

For further information – AEMO | NEMweb Help

3.3 Go-live Plan

Production deployment for ISF Release 1.1b is scheduled for 25th to 27th November 2026. Participants are advised to install/upgrade to EMMS Data Model v5.7 prior to this date.

3.4 Go-live criteria and readiness decision

Readiness Criteria	Description
AEMO Solution readiness	AEMO solution tested in-line with requirements. System changes required to meet initiative requirements and ongoing stability of existing systems.
AEMO business readiness	AEMO business ready to operate and support release changes and Provider transition.
Participant readiness	Impacted participants likely need Data Model 5.7 changes to receive reports.

Checkpoint decisions will be made approximately one month prior to go-live to determine overall initiative readiness for Production and communicated via the Program Consultative Forum and Implementation Forum.

[1] November 2026 Release Industry Test Strategy

[2] Data Model 5.7 Technical Specification

3.4.1 Participant readiness

AEMO encourages eligible Participants to engage in industry testing to commence on 27 October 2026.

Only those Participants who have a System Security Service (SSS) agreement in place or in the process of attaining one are eligible to participate in industry testing as the ability to fully exercise certain SSM scenarios depends on whether the participant has relevant DUID, contract and availability data configured in the Pre-Production environment.

Participants without complete contract data may still be able to validate access, views, downloads and applicable data model changes, but may have limited ability to test end-to-end enablement outcomes.

Further information to assist Participants is available in the ISF Transition Approach[3] and the SSM Preparedness Testing Fact Sheet[4].

3.5 Communications

AEMO will use established industry communication channels for cutover, issues and support information. Participants should monitor these channels during the industry test period, the go-live window and post-go-live support period.

Communication type	Purpose	Channel
General updates	Status updates, milestone updates and participant information.	NEM Reform mailbox and NEM Reform Program forums.
Support Hub notices	Release and outage-related notifications where applicable.	AEMO Support Hub.
Q&A sessions	Questions, clarification and issue discussion during industry testing.	Scheduled NEM Reform Q&A sessions.
Defect reporting	Participant-identified defects during industry testing.	NEMReform@aemo.com.au and Q&A sessions.
Production issues	Any Issues experienced by Participants as a result of the go-live should raise directly with AEMO.	AEMO Support Hub through BAU support processes.

[3] isf-final-transition-approach.pdf

[4] SSM-system-preparedness-testing-fact-sheet

3.6 Go-live deployment schedule

The wholesale system's Preproduction and Production deployment activities and associated communications are outlined in Table 2. No interruption to production is expected.

Table 2 ISF Go-live Schedule

Ref ID	Date	AEMO Action	Participant Impact/Action	Communication Channel
Pre-Production				
1	**Available now**	EMMS Data Model 5.7 available in Preproduction.	• No outage required. • Impacted Participants can begin Data Model implementation and report validation activities. Existing Participants are auto-subscribed to any new files when they upgrade. Manually subscribe to other reports using the Data Model Manager. Check that all reports are set to 'active' in PDR Monitor.	
2	**Prior to 26 October 2026**	AEMO prepares Preproduction environment and support arrangements for industry testing.	• Participants prepare test plans, access, report ingestion and internal support arrangements	NEM Reform forums and mailbox
3	**Mon 26 October 2026**	ISF Release 1 deployed to Preproduction	• No outage required	Implementation Forum / ITWG / NEM Reform communications at completion of deployment.
3	**Tues 27 October 2026**	Industry Testing commences	• Participants commence relevant testing of SSM functions, Data Model 5.7 reporting and operational processes.	Q&A sessions via Teams and NEM Reform mailbox.
4	**Fri 25 November 2026**	Industry Testingconcludes.		Implementation Forum / ITWG / NEM Reform communications.
Prior to Production Go-live				

Ref ID	Date	AEMO Action	Participant Impact/Action	Communication Channel
6	**Available now**	EMMS Data Model 5.7 available in Production	• No outage required. • Participants requiring ISF reports can upgrade or plan reporting readiness in advance of go-live. Existing Participants are auto-subscribed to any new files when they upgrade. Manually subscribe to latest version of existing reports from the AEMO portal after upgrading to DM 5.7. Check that all reports are set to 'active' in PDR Monitor.	
7	**Wed 25 – Fri 27 November 2026**	ISF Release 1.1b deployment to Production will occur during this period.	• Outage to NEM Market required 8-10am Market Time, (9-11 AEDT), on Thursday 26 November 2026.	Support Hub notice and NEM Reform communications
Security Enablement Procedures effective date				
8	**Thurs 26th November 2026**	AEMO provides issue triage and post go-live support throughout established hypercare process.		Q&A sessions via Teams and NEM Reform mailbox

3.7 Deployment Contingency

If an issue arises that affects the agreed readiness and go-live criteria, AEMO will assess the impact, determine the path forward and communicate relevant information to participants. This may involve consultation and will be assessed if/when required.

Where implementation timing changes are required, participants will be notified through established communications channels.

4. Participant Support Arrangements

All production issues should be raised via the Support Hub and managed through the current wholesale system support processes.

AEMO will run Hypercare for the ISF changes from go-live until 29 January 2027.

- Issue Tracking:
  - Q&A Sessions as required
  - Participants are requested to follow BAU process and log issues via the AEMO Support Hub
- Communications:
  - Market communications will be used for the notification of any impacts to processing
  - The AEMO ISF project will organise post-go-live open Q&A sessions as required
  - Q&A session to discuss any issues or queries.

Glossary

Term	Definition
AEMC	Australian Energy Market Commission
AEMO	Australian Energy Market Operator
Cutover	System or process implementation event
IF	Implementation Forum
Industry testing	Informal, uncoordinated testing by participants in AEMO's IT environments. Self-testing of functionality such as connectivity, and/or coordinated multi-party testing of functional scenarios.
ITWG	Industry Testing Working Group
NEM	National Electricity Market
NER	National Electricity Rules
PDRMonitor	Participant Data Replication Monitor
Q&A	Question and Answer
SME	Subject Matter Expert