

NEM Reform Implementation Forum

Meeting #24

23 July 2024



1. Welcome

We acknowledge the Traditional Owners of country throughout Australia and recognise their continuing connection to land, waters and culture.

**We pay respect to their Elders
past, present and emerging.**

Agenda

#	Time	Topic	Presenter
1	1:00–1:05pm	Welcome	Greg Minney
2	1:05–1:10pm	Actions & Feedback from Previous Meeting	Greg Minney
3	1:10–1:20pm	2024 / 2025 Release Summary	Greg Minney
4	1:20–1:25pm	Pre-Production • Refresh timings	Chris Fleming
5	1:25–1:35pm	Production / Transition Changes • Sparse Data Model / Next day Offer • IESS settlement Transition	Greg Minney
6	1:35–1:40pm	September 2024 Release • Retail Improvements – Progress Update	Greg Minney
7	1:40–1:55pm	December 2024 Release / June 2025 FPP Release • Progress Summary	Oliver Derum

#	Time	Topic	Presenter
8	1:55–2:00pm	January 2025 Release • SCADA Lite	Greg Minney
10	2:00–2:45pm	Other Initiatives • Enhancing Reserve Information (ERI) • Improving Security Frameworks (ISF) for the Energy Transition • Metering Services review • Market Interface Technology Enhancements (MITE)	<ul style="list-style-type: none"> • Oliver Derum • Carla Ziser • Justin Stute • Blaine Miner
12	N/A	Stakeholder Engagement • Upcoming Engagements	N/A
13	2:45–3:00pm	General Questions & Other Business	Greg Minney

Appendix A:

Competition law meeting protocol and AEMO forum expectations

2. Actions & Feedback from Previous Meeting

Actions

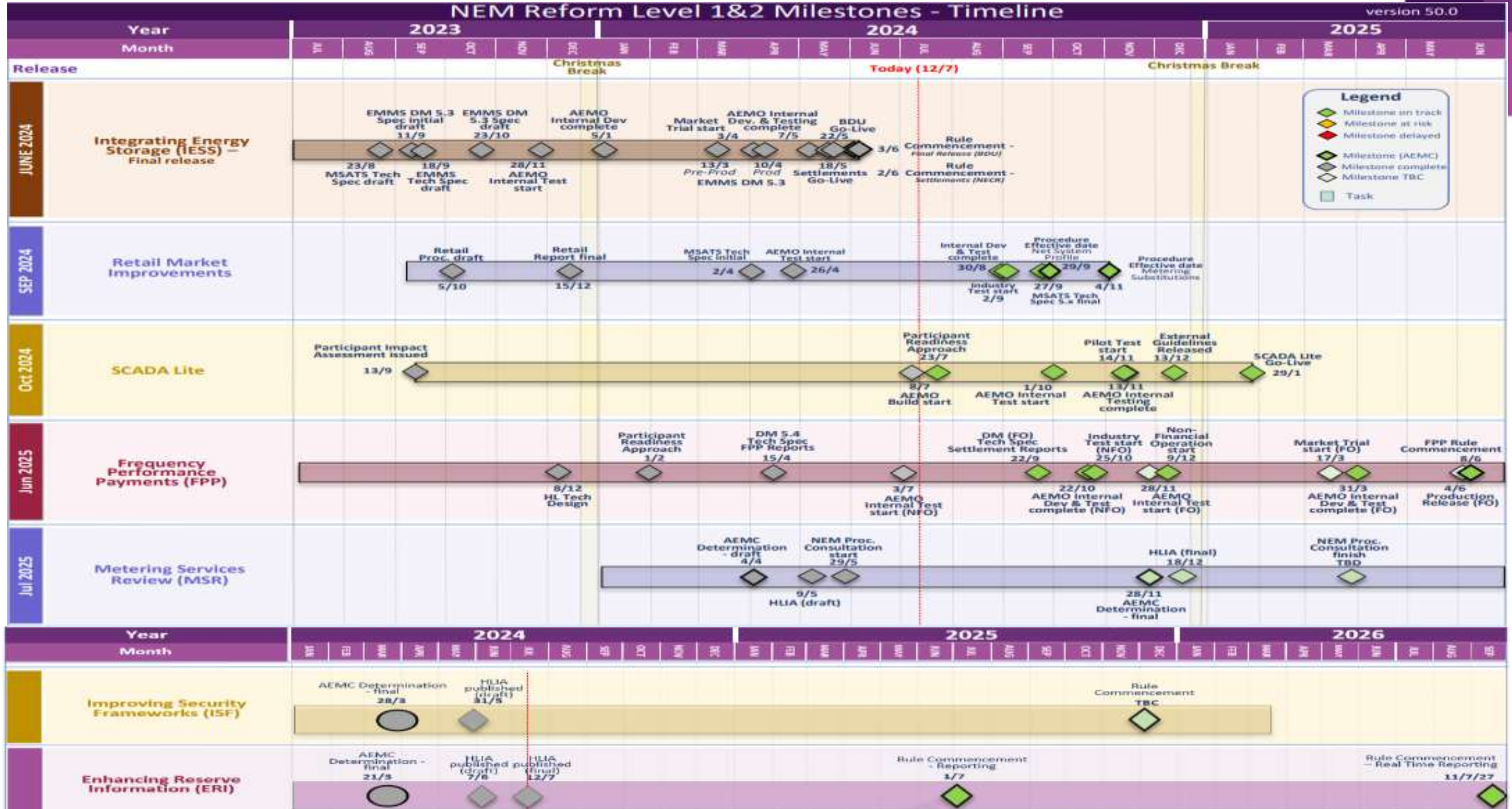


No actions recorded.

The latest meeting minutes and materials are available on the [Implementation Forum](#) webpage.

3. 2024 / 2025 Release Summary

Release Summary milestones



4. Pre-Production

Refresh timings



Proposed Pre-prod dates and outage timings

- Next pre-prod refresh is scheduled for 12th August 2024 to 16 August 2024 to support the September 2024 release (Retail refresh only).
- Subsequent Pre-prod Wholesale and Retail refresh is planned for late Q1 2025 (date TBC) to support FPP (FO) Industry Test.

Data Model 5.4

- Data Model 5.4 to be available in Pre-Prod from **25 September 2024**.

PDSE

- Access to PDSE has now been removed.

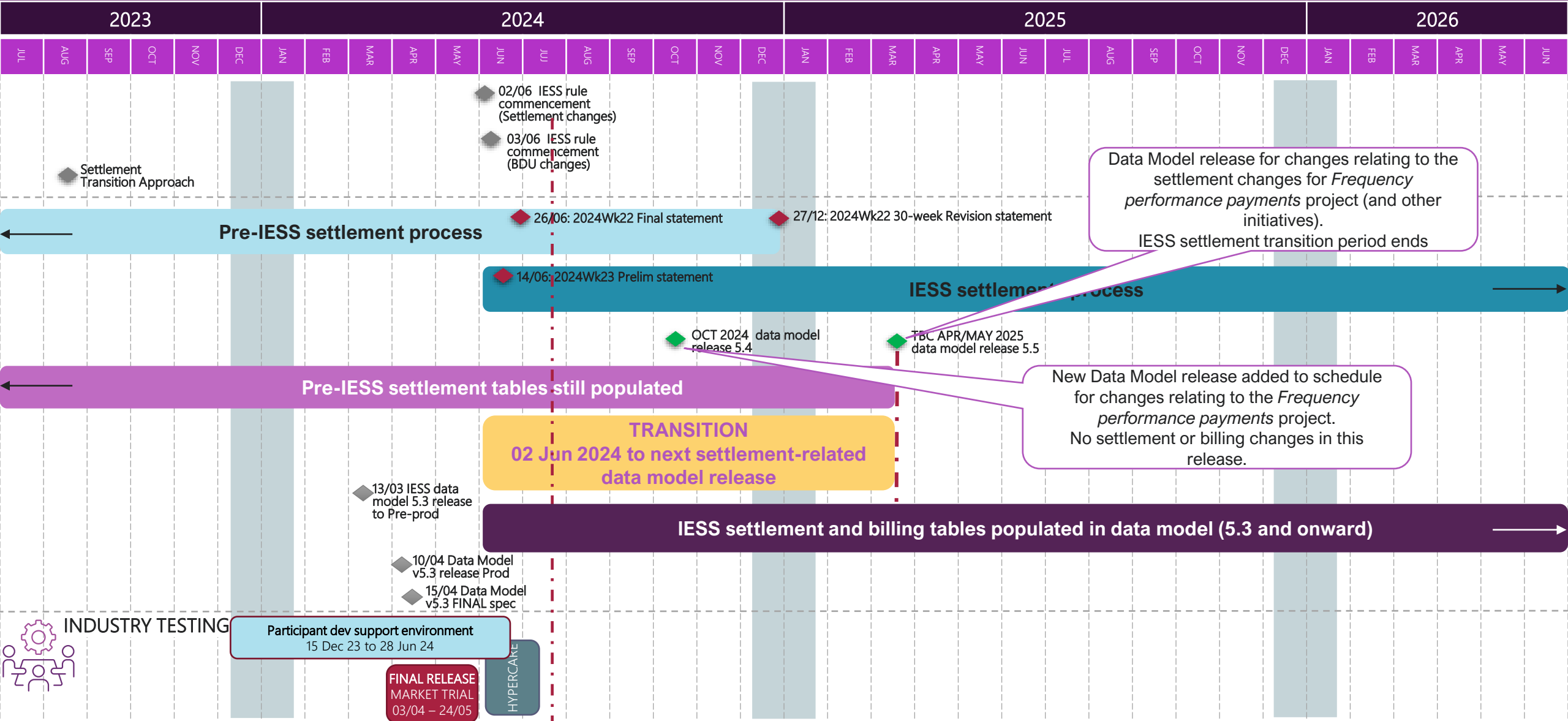
5. Production / Transition Changes

Sparse Data Model / Next day Offer

- Participants are reminded that as per advice in AEMO Help Desk Bulletin No. 2990 published 14 June 2023, that the fully qualified NEXT_DAY_OFFER reports will be discontinued from 30 November 2024.
- These reports have been superseded with a more compact sparse variant which has been available from Thursday 13 July 2023
- The technical spec for the DI Release Schedule – June 2023 has been updated to reflect finalisation of the transition period
- Participants should ensure they complete their transition prior to 30 November

IESS SETTLEMENTS TRANSITION

Subscribe to **SETTLMENTS_LEGACY** report to continue to receive **SETCPDATA, SETGENDATA, SETSMALLGENDATA** during the IESS settlement transition period.



Data Model release for changes relating to the settlement changes for *Frequency performance payments* project (and other initiatives). IESS settlement transition period ends

New Data Model release added to schedule for changes relating to the *Frequency performance payments* project. No settlement or billing changes in this release.

IESS Confirmed
Indicative

Concurrent initiatives
Completed activities

Summer holiday periods: Avoid industry IESS activities where possible

Market trial (Pre-production)
02 Apr to 25 May 2024

6. September 2024 Release

September 2024 Retail Market Improvement Release

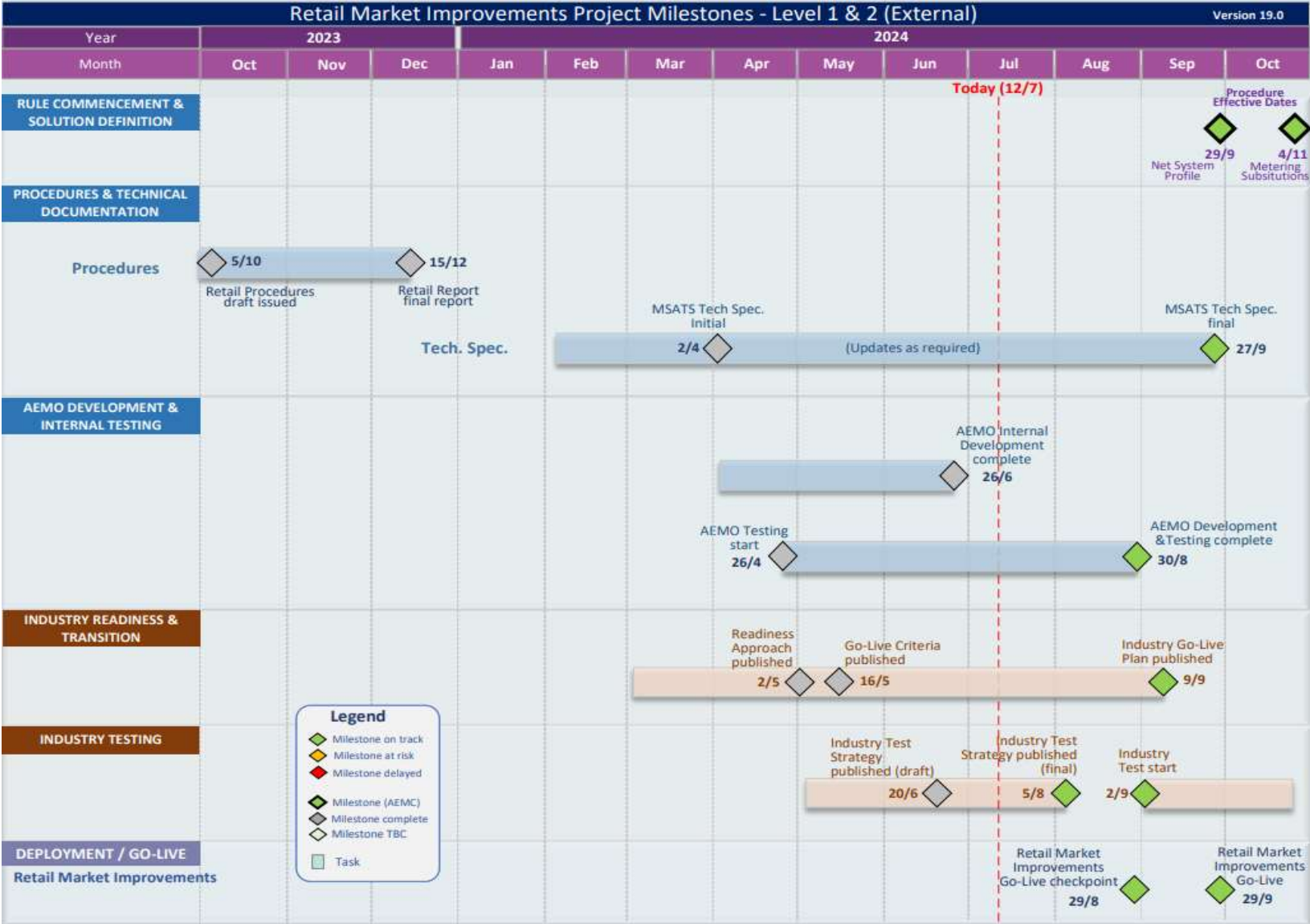
Net System Load Profile (NSLP) Methodology (ICF_072)

- Considers situations where positive and negative NSLP trading interval values are present.
 - When positive and negative NSLP trading interval values are present, significant fluctuations, or ‘spikes’, are observed when the NSLP is applied to these reads.
 - The new methodology will manage these situations by applying a minimum (non-zero) ‘floor’ to the applicable values.
- Procedure Effective Date 29 September 2024

Substitution Types review (ICF_054)

- Intends to provide recipients a clearer understanding of the method and reason why a substituted metering data value has been received
 - This review has resulted in seven new substitution types; the obsolescence of substitution type 16; and the addition of 10 new Reason Codes.
 - These changes are expected to lead to more efficient downstream processes and reduced manual handling
- Procedure Effective Date 4 November 2024

September Release Timeline



Progress Summary

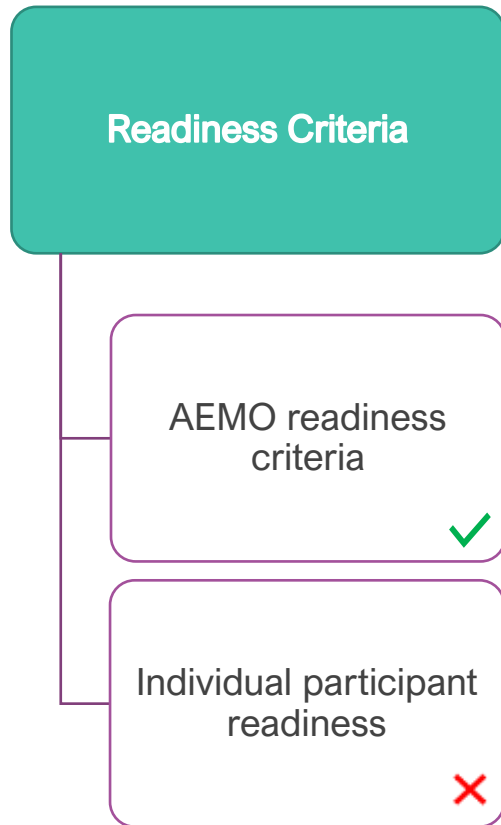
- AEMO build has completed and AEMO internal testing execution is progressing to plan and is on track.
- Updated version of MSATS tech spec published June 20. Updates for MTRD Validation use cases and RM29 report details and Next spec update scheduled for July.
- Industry Test Approach published 20 June. Participant feedback to be incorporated with Final publication due 05 August 2024.
 - Note that industry testing of ICF_072 and ICF_054 will be separately tested in September and October respectively.
- Published Readiness Approach & Go Live Criteria will form the basis of readiness engagement and go live management.

September – Retail Improvements – Milestones

September 2024 - Level 1 & 2 Milestones (External)

Level	Milestone ID	Milestone	Target Date	Expected Date	Status	RAG	Tentative / Confirmed	Commentary
Level 2	RMI-201	Retail Procedures draft issued	5-Oct-2023	5-Oct-2023	Complete		Confirmed	
Level 2	RMI-202	Retail Report final report	15-Dec-2023	11-Dec-2023	Complete		Confirmed	
Level 2	RMI-211	MSATS Tech Spec initial	27-Mar-2024	2-Apr-2024	Complete		Confirmed	Issued for publication. Published on 2/4. No participant impact.
Level 2	RMI-207	AEMO Internal Testing start	1-May-2024	26-Apr-2024	Complete		Confirmed	
Level 2	RMI-203	Readiness Approach published	26-Apr-2024	2-May-2024	Complete		Confirmed	
Level 2	RMI-204	Go-Live Criteria published	29-Apr-2024	16-May-2024	Complete		Confirmed	Publication deferred to 16th May.
Level 2	RMI-206	AEMO Internal Development complete	31-May-2024	26-Jun-2024	Complete		Confirmed	Development timeframe extended. No impact to testing timeframe.
Level 2	RMI-205	Industry Test Strategy published (draft)	28-Jun-2024	20-Jun-2024	Complete		Confirmed	
Level 3	RMI-213	Industry Test Strategy published (final)	5-Aug-2024			Green	Confirmed	
Level 2	RMI-209	Retail Market Improvements Go-Live checkpoint	29-Aug-2024			Green	Confirmed	
Level 2	RMI-208	AEMO Development & Testing complete	30-Aug-2024			Green	Confirmed	
Level 1	RMI-101	Industry Test start	2-Sep-2024			Green	Confirmed	
Level 2	RMI-210	Industry Go-Live Plan published	9-Sep-2024			Green	Confirmed	
Level 2	RMI-212	MSATS Tech Spec final	27-Sep-2024			Green	Confirmed	
Level 1	RMI-102	Retail Market Improvements Go-Live	29-Sep-2024			Green	Confirmed	
Level 1	RMI-103	Net System Profile - Procedure Effective Date	29-Sep-2024			Green	Confirmed	
Level 1	RMI-104	Metering Substitution - Procedure Effective Date	4-Nov-2024			Green	Confirmed	

Elements of proposed RMI September 2024 readiness approach: Readiness criteria



INITIATIVE	RMI September 2024 will deliver two ICFs (Issue / Change Form): <ol style="list-style-type: none"> ICF_072 NSLP Methodology – Effective Date 29 September 2024 ICF_054 Substitution Types Review - Effective Date 04 November 2024 <ul style="list-style-type: none"> Go-live criteria will reflect AEMO Technical Readiness for go-live Participant readiness is not a criteria for go-live Go-live criteria management will provide updates on milestone progress communicated to industry
AEMO READINESS	AEMO technology and systems tested in-line with requirement to: <ul style="list-style-type: none"> ICF_072 NSLP: Utilise revised calculation methodology ICF_054 Substitution Types Review: <ul style="list-style-type: none"> New Substitution Types and Reason Codes will be ready for commencement of rule change. Substitution Type (16) will be retired. AEMO business operations and processes in place to support: <ul style="list-style-type: none"> Revised NSLP calculation methodology Modified Substitution Types AEMO IT Operations ready to: <ul style="list-style-type: none"> Provide technical support for modified substitution types
PARTICIPANT READINESS	Participant readiness activity is not a dependency for go-live. <ul style="list-style-type: none"> AEMO does not propose to monitor participant readiness. However, participants must be capable of providing or accepting modified substitution codes (where applicable)
CONTINGENCY	Contingency approaches to be developed during implementation

7. December 2024 / June 2025 FPP Release

FPP July update

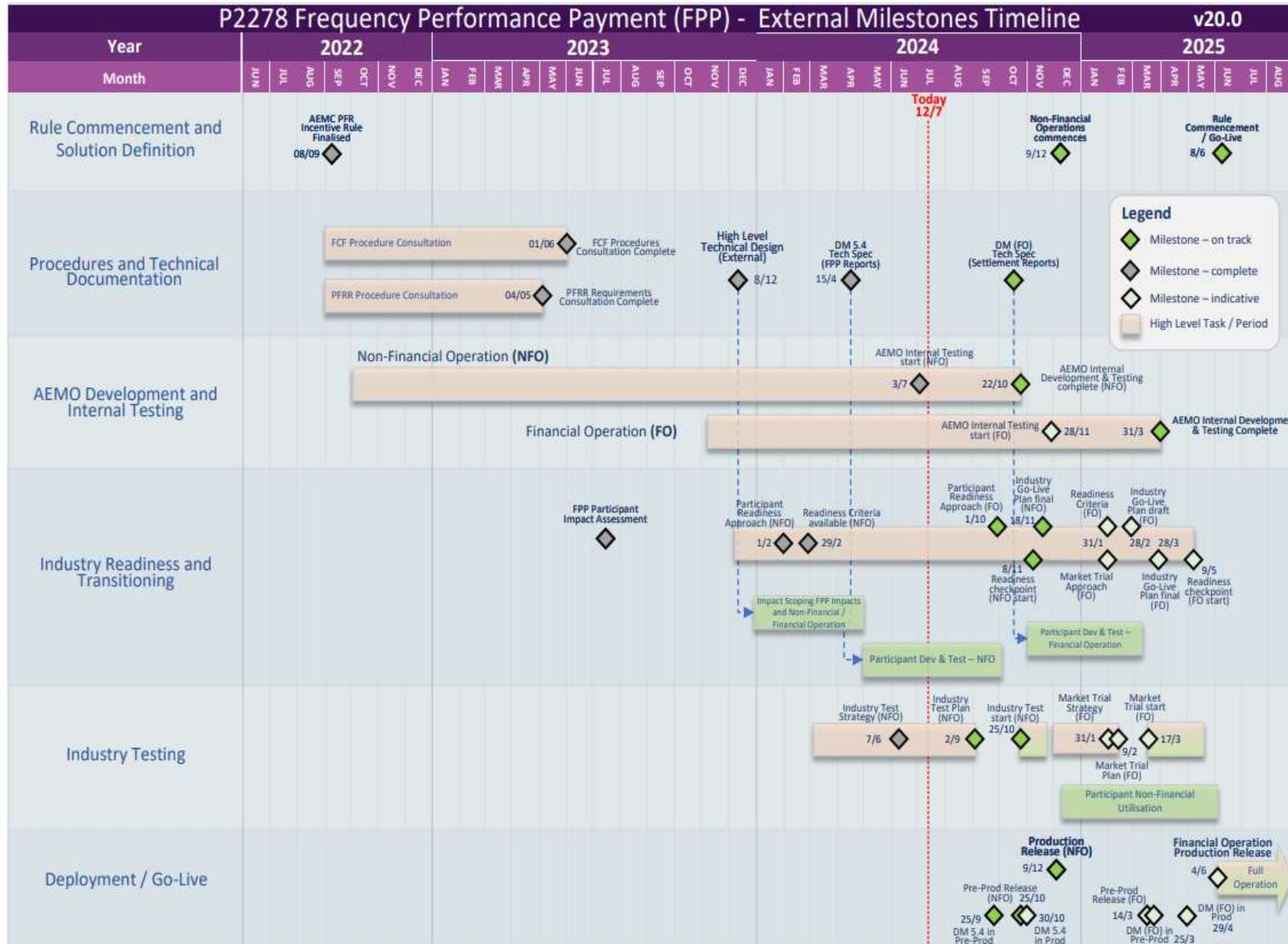
Project status

- The FPP project remains amber.
- AEMO has performed replanning of internal functionality which, in a number of cases, has identified more efficient ways of delivering the required business outcomes. Once the revised plan has been finalised, the project status is expected to return to green.
- Industry Test strategy has been released for participant comment, with ongoing engagement through ITWG
- All external milestones, including the commencement of Industry Testing, the commencement of Non-Financial Operation and the publication of data model changes for FPP Settlements remain on track.

Pre-NFO engagement

- AEMO is planning a series of engagement offerings in the months before the commencement of non-financial operation (NFO) on December 9.
- The engagement plan includes:
 - Overview and Q+A sessions to offered 3, 2 and 1 month before the commencement of NFO
 - Publication of new technical information, including: an FPP factor calculation guide (Nov); a guide to FPP and FCAS cost recovery (Dec), and; Guide to changes to the Constraint FCAS Processor being made as part of FPP (Dec).
 - Email announcements of important milestones.

Frequency Performance Payments (FPP) Milestones Timeline



Progress Summary

Overall project status **AMBER**.

- AEMO has identified more efficient ways of delivering the required business outcomes. Once replanning has been finalised, the project status is expected to return to GREEN.
- AEMO development in progress and due to be completed at the end of July.
- All external milestones are **GREEN**, including the release of the FPP settlements data model tech spec, industry testing and the commencement of non-financial operation.
- [Industry Test Strategy](#) published on 7 June.
- FPP Reporting Data model, EMM DM 5.4 published 31 May 2024, see the [AEMO Tech Spec Portal](#).
- Participant impact assessment provided in [this presentation](#) based on industry workshops

FPP - External Milestones NFO (as at 12/7/24) - Delivery

FPP Project - Level 1 & 2 Milestones (External)

Level	Milestone ID	Milestone	Project	Target Date	Expected Dat	Status	RAG	Tentative / Confirmed	Commentary
Level 2	FPP-221	High Level Technical Design (External)	FPP-NFO	15-Dec-2023	8-Dec-2023			Confirmed	
Level 2	FPP-222	Participant Readiness Approach (incl. Dev Support Reqmts) published	FPP-NFO	1-Feb-2024	1-Feb-2024			Confirmed	
Level 2	FPP-230	Readiness Criteria available (NFO)	FPP-NFO	29-Feb-2024	29-Feb-2024			Confirmed	
Level 2	FPP-217	Data Model 5.4 Tech Spec (FPP Reports)	FPP-NFO	15-Apr-2024	15-Apr-2024			Confirmed	Project resource to deliver confirmed
Level 2	FPP-227	Industry Test Strategy (NFO) published	FPP-NFO	7-Jun-2024	7-Jun-2024			Confirmed	
Level 2	FPP-212	AEMO Internal Testing commenced (NFO)	FPP-NFO	3-Jul-2024		In progress		Confirmed	Delays in completion of components of internal functionality. Internal testing commencement not impacted
Level 2	FPP-229	Industry Test Plan published (NFO)	FPP-NFO	2-Sep-2024			Green	Confirmed	
Level 2	FPP-231	Industry Development finish (NFO)	FPP-NFO	1-Oct-2024			Green	Tentative	
Level 1	FPP-103	AEMO Internal Development & Testing complete (NFO)	FPP-NFO	22-Oct-2024		Not started	Green	Confirmed	
Level 2	FPP-225	Pre-Production Release (NFO)	FPP-NFO	25-Oct-2024			Green	Confirmed	
Level 2	FPP-233	Data Model 5.4 available in Pre-Prod	FPP-NFO	25-Sep-2024			Green	Confirmed	
Level 1	FPP-104	Industry Test start (NFO)	FPP-NFO	25-Oct-2024		Not started	Green	Confirmed	
Level 2	FPP-236	Readiness Checkpoint - Go-Live (NFO)	FPP-NFO	8-Nov-2024			Green	Confirmed	
Level 2	FPP-235	Industry Go-Live Plan published - final (NFO)	FPP-NFO	18-Nov-2024			Green	Confirmed	
Level 2	FPP-238	Data Model 5.4 available in Prod	FPP-NFO	30-Oct-2024			Green	Tentative	
Level 2	FPP-246	Production Release (NFO)	FPP-NFO	9-Dec-2024			Green	Confirmed	
Level 1	FPP-105	Non-Financial Operations commences	FPP-NFO	9-Dec-2024		Not started	Green	Confirmed	

FPP- External Milestones FO (as at 12/7/24) - Delivery

FPP Project - Level 1 & 2 Milestones (External)

Level	Milestone ID	Milestone	Project	Target Date	Expected Date	RAG	Tentative / Confirmed	Commentary
Level 2	FPP-218	Data Model (FO) Tech Spec (Settlement Reports)	FPP-FO	22-Sep-2024		Green	Confirmed	
Level 2	FPP-214	Participant Readiness Approach published (Financial Operation)	FPP-FO	1-Oct-2024		Green	Confirmed	
Level 2	FPP-237	AEMO Internal Testing commenced (FO)	FPP-FO	28-Nov-2024		Green	Tentative	
Level 2	FPP-223	Market Trial Strategy published (Financial Operation)	FPP-FO	31-Jan-2025		Green	Tentative	
Level 2	FPP-224	Readiness Criteria available (Financial Operation)	FPP-FO	31-Jan-2025		Green	Tentative	
Level 2	FPP-239	Industry Go-Live Plan published - draft (Financial Operation)	FPP-FO	28-Feb-2025		Green	Tentative	
Level 2	FPP-242	Data Model (FO) available in Pre-Prod	FPP-FO	25-Mar-2025		Green	Tentative	
Level 2	FPP-226	Pre-Production Release (Financial Operation)	FPP-FO	14-Mar-2025		Green	Tentative	
Level 1	FPP-108	Market Trial start (Financial Operation)	FPP-FO	17-Mar-2025		Green	Tentative	
Level 2	FPP-243	Industry Go-Live Plan published - final (Financial Operation)	FPP-FO	28-Mar-2025		Green	Tentative	
Level 1	FPP-107	AEMO Internal Development & Testing complete (Financial Operation)	FPP-FO	31-Mar-2025		Green	Confirmed	
Level 2	FPP-244	Readiness Checkpoint - Financial Operation	FPP-FO	9-May-2025		Green	Tentative	
Level 1	FPP-109	Production Release (Financial Operation)	FPP-FO	4-Jun-2025		Green	Tentative	
Level 1	FPP-106	FPP Project Go-Live / Rule Commencement	FPP-FO	8-Jun-2025		Green	Confirmed	

8. January 2025 Release

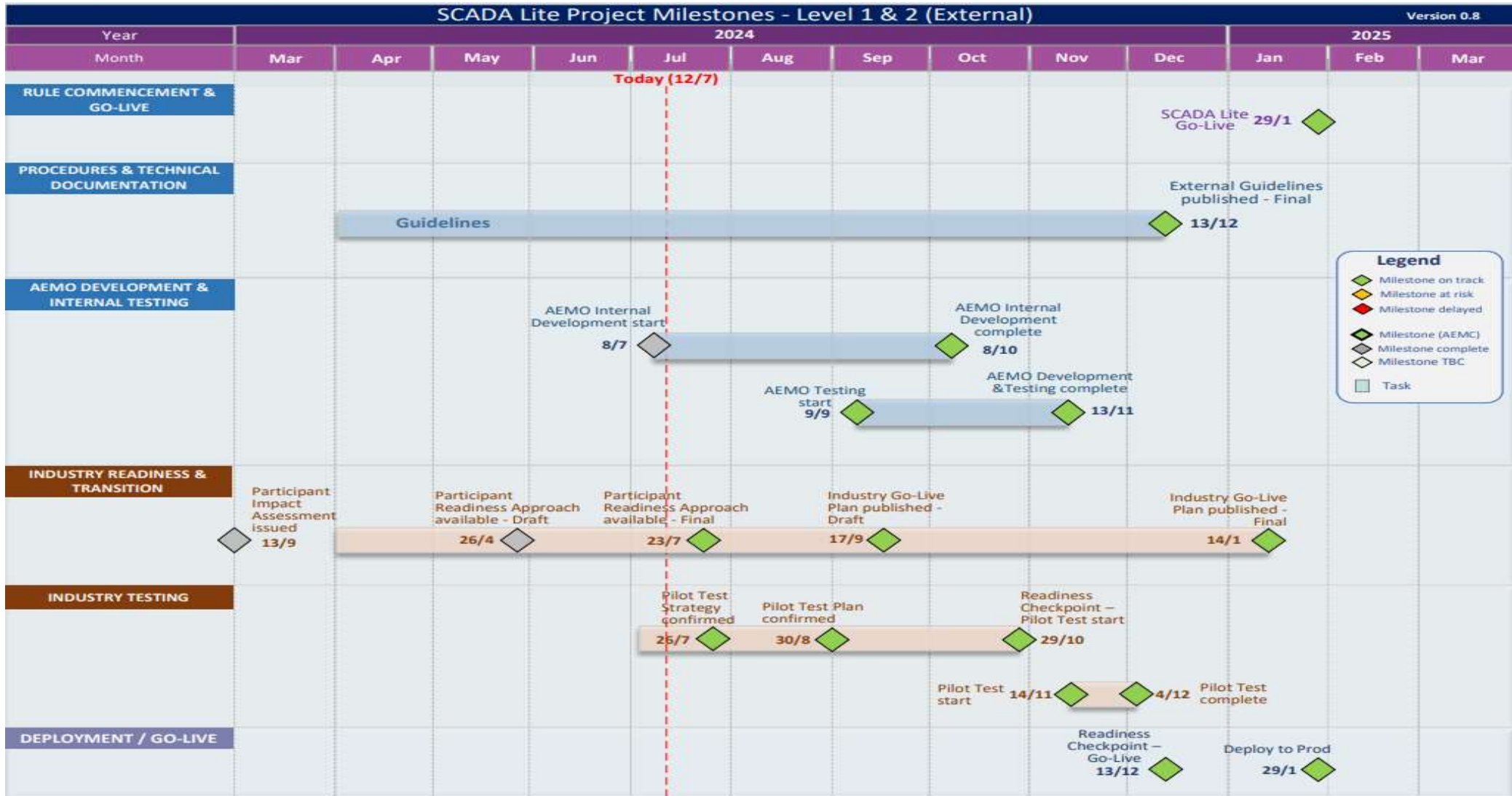
January – SCADA Lite

Greg Minney

SCADA Lite – Status Update

- Project schedule has now been re-baselined to accommodate additional development requirements with deployment and go-live date scheduled for 29 Jan 2025 – all milestone dates now confirmed
- Will form the basis for progress reporting
- Note: Availability dates for the following now:
 - Readiness approach and go-live criteria published – 26 Jul 2024
 - Pilot Test Strategy – 26 Jul 2024
 - Pilot Test period – 14 Nov to 4 Dec 2024
 - Technical “How-To” Guideline – 13 Dec 2024

SCADA Lite Timeline



SCADA Lite – milestones

SCADA Lite - Level 1 & 2 Milestones (External)

Level	Milestone ID	Milestone	Project	Target Date	Expected Date	Status	RAG	Tentative / Confirmed	Commentary
Level 2	SCL-201	Participant Impact Assessment issued	SCADA Lite	13-Sep-2023		Complete		Confirmed	
Level 2	SCL-202	Participant Readiness Approach available - Draft	SCADA Lite	23-Apr-2024	26-Apr-2024	Complete		Confirmed	
Level 2	SCL-203	AEMO development and internal testing commences	SCADA Lite	8-Jul-2024		Complete	Green	Confirmed	
Level 2	SCL-203	Participant Readiness Approach available- Final	SCADA Lite	23-Jul-2024			Green	Confirmed	
Level 2	SCL-204	Participant Readiness and Go-live Criteria published	SCADA Lite	26-Jul-2024			Green	Confirmed	
Level 2	SCL-205	Pilot Test Strategy confirmed with participant	SCADA Lite	26-Jul-2024			Green	Confirmed	
Level 1	SCL-101	AEMO development and internal testing complete	SCADA Lite	13-Nov-2024			Green	Confirmed	
Level 2	SCL-206	Readiness Checkpoint - Pilot Test Start	SCADA Lite	29-Oct-2024			Green	Confirmed	
Level 2	SCL-208	Pilot Test Plan confirmed with participant	SCADA Lite	30-Aug-2024			Green	Confirmed	
Level 1	SCL-102	Pilot test period commences	SCADA Lite	14-Nov-2024			Green	Confirmed	
Level 1	SCL-103	Pilot Test Complete	SCADA Lite	4-Dec-2024			Green	Confirmed	
Level 2	SCL-210	Readiness checkpoint - Go-live (Comms)	SCADA Lite	13-Dec-2024			Green	Confirmed	
Level 2	SCL-211	External Guidelines published - Final	SCADA Lite	13-Dec-2024			Green	Confirmed	
Level 2	SCL-212	Industry Go-live Plan published - final	SCADA Lite	14-Jan-2025			Green	Confirmed	
Level 1	SCL-104	Production Release	SCADA Lite	29-Jan-2025			Green	Confirmed	

Readiness Approach

For noting

Context: NEM Reform program industry strategy

NEM REFORM READINESS STRATEGY (ALL INITIATIVES)

PROPOSED READINESS APPROACH for SCADA Lite

SCADA Lite readiness approach adopts the standard NEM Reform program framework

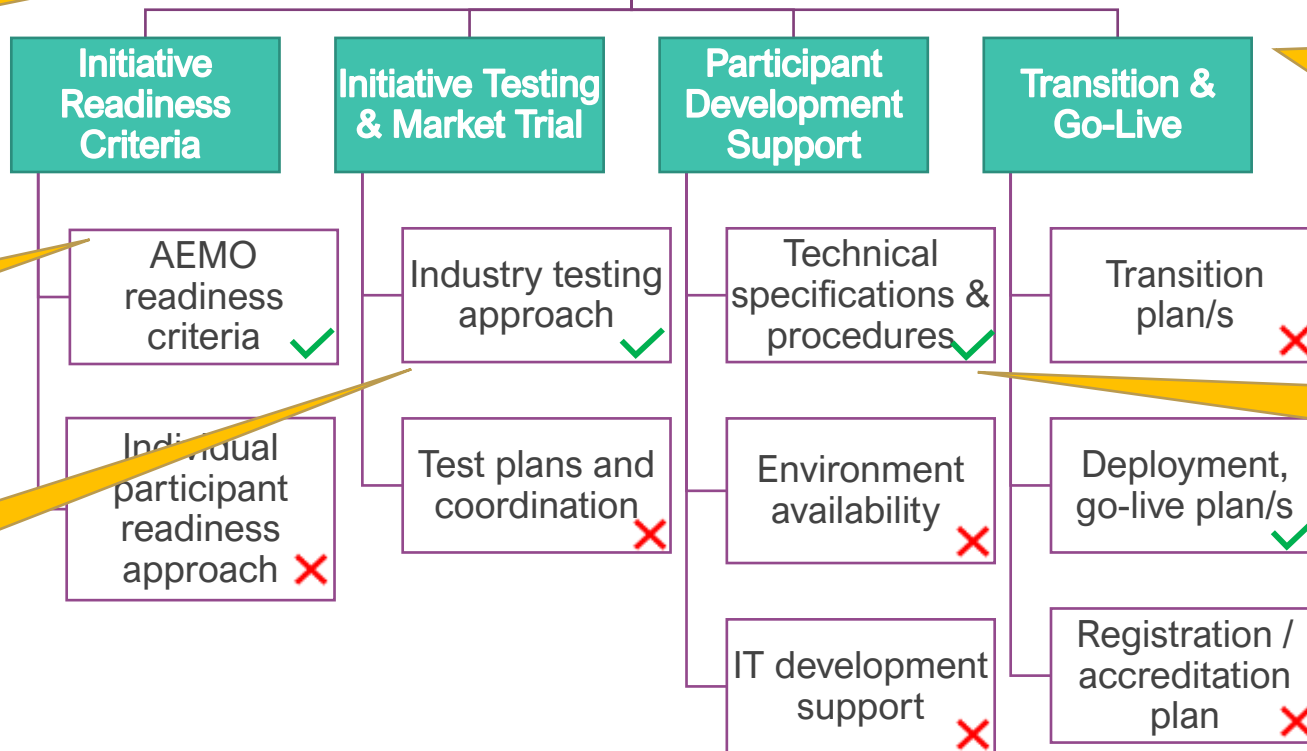
AEMO solution and business must be ready.

Pilot Testing with Individual Participant

Eligible participant engagement once service is live

Technical "How-To" Guideline

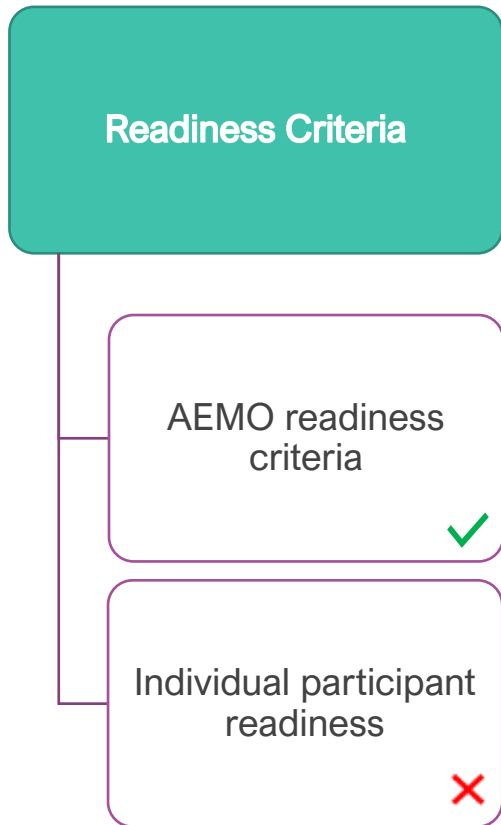
Progress against milestones & checkpoints



RISK & CONTINGENCY MANAGEMENT ✓

INITIATIVE READINESS REPORTING & GO-LIVE CRITERIA MANAGEMENT ✓

Elements of proposed SCADA Lite readiness approach: readiness criteria



INITIATIVE	<p>SCADA Lite Operations from 29 Jan 2025</p> <ul style="list-style-type: none"> • SCADA Lite go-live criteria will reflect technical readiness for go-live and AEMO preparedness to support the new service. • Participant readiness is not a criteria for go-live • Go-live criteria management will involve updates on progress of pilot to industry
AEMO READINESS	<p>AEMO technology and systems tested in-line with requirement to:</p> <ul style="list-style-type: none"> • Provide bi-directional telemetry and control signals between AEMO and Non-NSPs using DNP3.0 protocol for both physical and virtualised endpoints. <p>AEMO business operations and processes in place to support:</p> <ul style="list-style-type: none"> • new registration requirements • Utilisation of SCADA Lite data in grid modelling and dispatch processes • One-off fee for service establishment and ongoing annual fee <p>AEMO IT Operations ready to:</p> <ul style="list-style-type: none"> • Provide technical support for new connection type and new service.
PARTICIPANT READINESS	<p>Participant readiness activity is not a dependency for go-live.</p> <ul style="list-style-type: none"> • AEMO does not propose to monitor participant readiness.
CONTINGENCY	Contingency approaches to be developed during implementation

BAU / Registration process will manage applications and eligibility for service

10. Other Initiatives



Enhancing Reserve Information (ERI)

Oliver Derum

Feedback on the Draft HLIA

- One email submission was received from EA, supporting the early, voluntary commencement of aggregated state-of-charge data before 1 July 2027.
- Additional clarifications were sought about how data would be provided on:
 - How state of charge data for batteries will be provided (via SCADA).
 - Whether the inclusion of energy availability/constraints for scheduled generators in the Pre-dispatch (PD) process would require submission of a shaped profile from generators (Participants are not forced to bid an availability profile, but some do. If they don't, PD dispatches them until the daily energy limit is reached for the trading day).
 - Why batteries are not included in the PD forecasts (this had not been considered; the PD approach is an enhancement of the rule requirement for a figure to be published at the start of the trading day).
- Origin's comment at the June OCF about the relative usefulness of different elements of the recent HLIAs is also noted and an additional summary table(s) will be added to the ERI document.
- The [Final ERI High-level Implementation Assessment \(HLIA\)](#) was published on 12 July and includes the proposed industry readiness approach.

AEMO to voluntarily publish aggregated state of charge for grid-scale batteries* from 1 July 2025, in all regions except Tasmania

- The obligation on AEMO to publish the aggregated state of charge for batteries* commences on 1 July 2027.
- AEMO invited comment in the Draft HLIA, and via June meetings of NEM Reform Forums, on the possibility of AEMO voluntarily publishing this data from 1 July 2025 in regions with sufficiently developed battery markets.
- AEMO received no objections to this proposal and a single expression of support.
- **AEMO, therefore, intends to begin publishing aggregated state of charge data for grid-scale batteries in all NEM Regions, except Tasmania, from 1 July 2025.**
- All other NEM regions have batteries operated by at least three different parent organisations, meaning an aggregated figure can be published without revealing an individual position to a direct competitor.

* Within NER 3.7G, “battery means a scheduled bidirectional unit, excluding a pumped hydro production unit”.

Managing the impact of a ‘work around’ used to submit daily energy limits

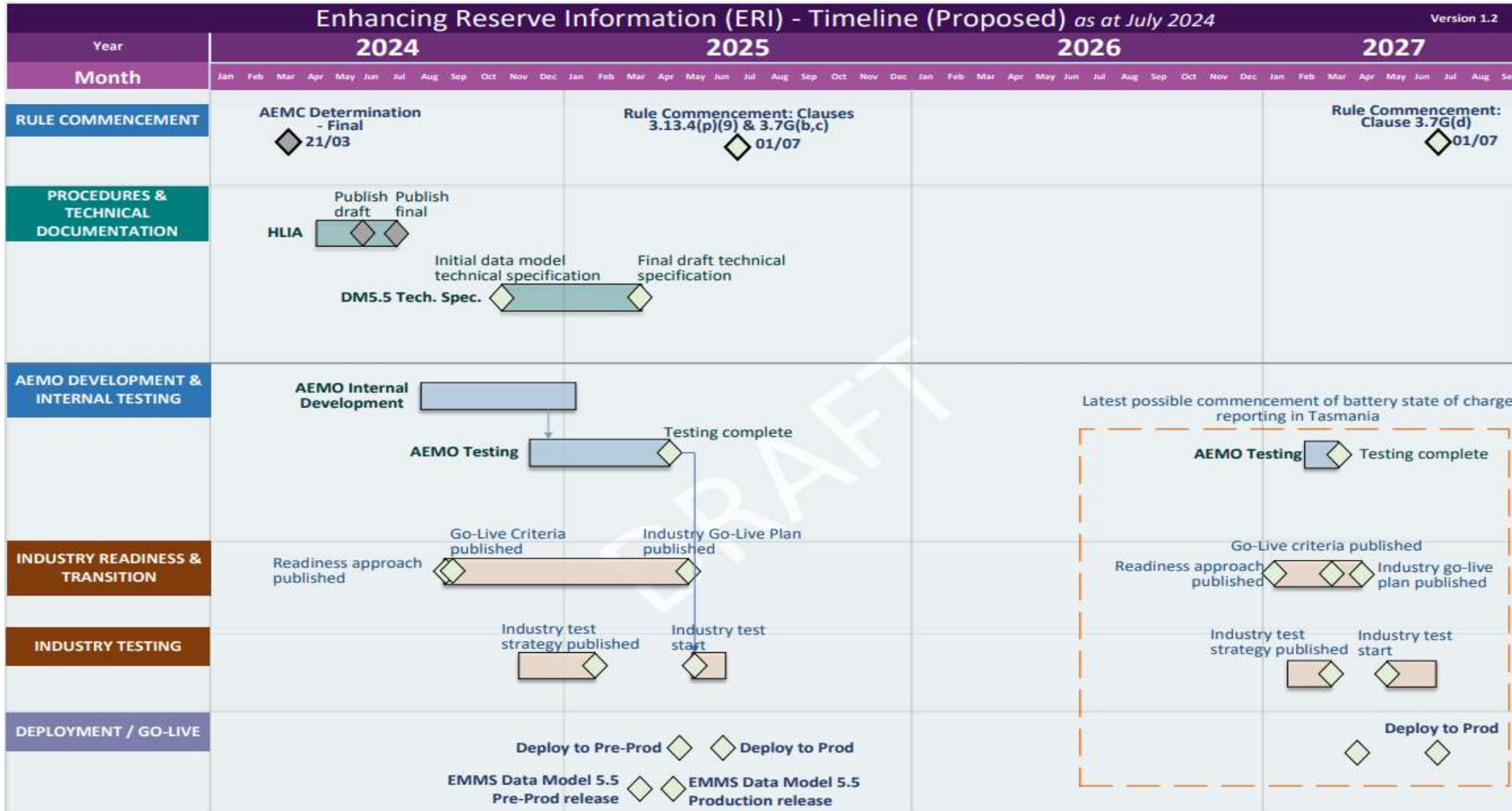
- The way some participants indicate they do not have any energy constraints will, if not corrected (or corrected for), create ongoing errors that undermine the scheduled generator reserves element of the ERI reform.
- As part of the introduction of 5 Minute Settlement (5MS), changes were made to the way participants indicate whether they were energy constrained.

Pre 5MS	Current arrangements
Participants indicated the extent of any energy constraint. 0 = No constraint	Participants indicate their energy availability. 0 = No energy available NULL = No constraint

- As a work around, participants unable to submit NULL instead entered a number like ‘999999’ or other value larger than their unconstrained availability.
- **AEMO has requested attendees engage with their business, especially those continuing to employ a work around, about the best way to ensure energy availability is accurately reflected for ERI.**

ERI development and testing timeline

Subject to confirmation following comments received on the HLIA



Readiness Approach

For noting

Context: NEM Reform program industry strategy

NEM REFORM READINESS STRATEGY (ALL INITIATIVES)

READINESS APPROACH for ERI – Realtime Reporting* 1 July 2025

*excluding Tasmania

Separate Readiness Criteria will be provided for 2027 release

- AEMO solution updated and tested
- AEMO business needs to be ready to operate
- AEMO IT support needs to be in place

Individual participant (or participant category) readiness is **NOT** a dependency for go-live.

Initiative Readiness Criteria

AEMO readiness criteria ✓

Individual participant readiness approach ✗

Initiative Testing & Market Trial

Industry testing approach ✓

Test plans and coordination ✓

Participant Development Support

Technical specifications & procedures ✓

Environment availability ✓

IT development support ✓

Transition & Go-Live

Transition plan/s ✗

Deployment, go-live plan/s ✓

Registration / accreditation plan ✗

Participant development support environment (PDSE) not required

EMMS Data Model v5.5

ERI readiness approach adopts the standard NEM Reform program framework

RISK & CONTINGENCY MANAGEMENT ✓

INITIATIVE READINESS REPORTING & GO-LIVE CRITERIA MANAGEMENT ✓

Improving Security Frameworks (ISF) for the Energy Transition



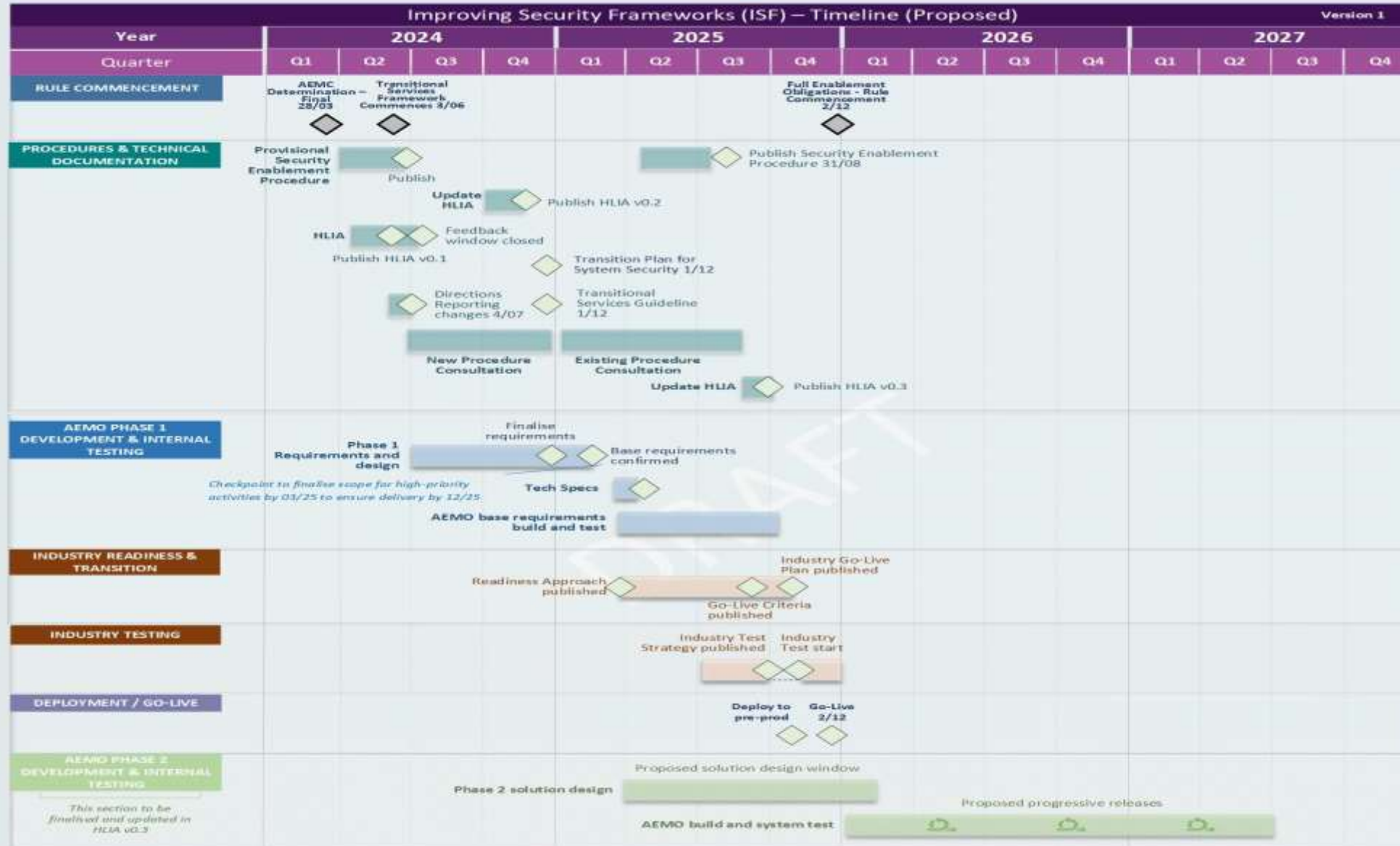
Carla Ziser

ISF July update

- On 31 May, the first version of the ISF High-level Implementation Assessment (HLIA) was [published](#). AEMO did not receive feedback on the document. V.2 expected in Q4 2024.
- **On 4 July arrangements for Improved Directions Transparency were implemented – the first major milestone of the ISF Rule**
- Procedure amendments are underway:
 - On 28 June, AEMO published the [SO OP 3720 - Provisional Security Enablement Procedure](#)
 - On 4 July, AEMO concluded the expedited consultation on changes to the Directions Procedures to give effect to the rule on 4 July: [SO OP 3707 - Directions Procedures](#)
 - On 5 July, AEMO commenced consultation on the [Inertia Requirements Methodology](#) and [NSCAS Description and Quantity Procedure](#)

Stakeholders can learn more about ISF procedure changes through the monthly [Electricity Wholesale Consultative Forum](#)

ISF Indicative Timeline



Subject to confirmation following:

- Further detailed planning by AEMO; and
- Feedback received on the HLIA

Metering Services Review

Justin Stute

Metering Services Review Update:

- The AEMC announced on 4 July 2024 that the final determination will be delayed and published on 28 November 2024.
- AEMO will now assess the procedure consultation timeframes and advise of the updated plan in the coming weeks.
- System development for non-MSR related work bundled with package one will shift with the slated MSR works

Metering Services Review Anticipated Consultation Approach Recap

Package 1 consultation published Wednesday 29 May 2024:

- Consultation regarding LRMP and Defects (B2M) and Defects, LMRP and One-in-all-in (B2B)
- 16 responses received to the Issues Paper

AEMO proposes to defer publication of the package 1 consultation until after publication of the final rule determination. AEMO to provide updated timelines in the next two weeks.

Package 2 consultation to commence after the AEMC final determination

- Consultation regarding Asset Management Strategy Guideline and Malfunctions

Package 3 consultation timeline to be considered at the publication of the Final Rule

- Consultation regarding Power Quality Data

Market Interface Technology Enhancement (MITE)



Justin Stute

Market Interface Technology Enhancement (MITE)

- AEMO has been progressing its planning activities to support the delivery of the approved business case, noting decision point #2 associated to IDX transition continues to be forecast for Q4 2025.
- External Engagement Strategy
 - The Market Interface Technology Enhancement engagement strategy is currently being prepared, which outlines AEMO's intended approach to support the planning, development and delivery of IDX (foundation), IDAM (strategic target state) and PC (strategic target state)
 - This strategy will include communication methods, key stakeholders, a high-level engagement schedule and key milestones
 - The strategy is expected to be circulated to the PCF for feedback by the end of July
- Draft key milestones (PoaP)
 - Indicative timings to be confirmed for IDX include:
 - Engagement on Draft technical specifications circa Q2 2025
 - Implementation on core capability targeted for late 2025 or early 2026
 - Indicative timings to be confirmed for IDAM include:
 - Engagement regarding organisation hierarchy target state, basic data sharing concepts and detailed design and processes circa Q1 2025
 - Engagement regarding transition plans circa Q2 2025

Market Interface Technology Enhancement Working Group (MITEWG)

- AEMO is establishing a Market Interface Technology Enhancement Working Group (MITEWG) to collaborate with stakeholders on:
 - Proposed protocols, message exchange patterns, gateway changes & pilot scope.
 - Proposed Organisation Hierarchy concepts.
 - Basic and advanced data sharing concepts.
 - Target state design, patterns, and impacted 'To-be' processes.
 - Progressive migration processes and detailed transition plans.
 - Proposed Technical Specifications.
- MITEWG Call for nominations
 - AEMO is seeking nominations from impacted parties e.g. market participants, solution providers/vendors, which will also include the nomination of a 'MITEWG coordinator' (primary contact point).
 - The role of the coordinator is to nominate suitably qualified representatives from their organisation to support proposed sessions/agendas.
 - Note, membership will be limited to ensure more effective engagement
 - Initial nominations close Friday 19 July 2024
- The first introductory session of the MITEWG is planned for early August, with the first technical session expected to occur late August

Feedback on the Draft HLIA

- One email submission was received from EA, supporting the early, voluntary commencement of aggregated state-of-charge data before 1 July 2027.
- Additional clarifications were sought about how data would be provided on:
 - How state of charge data for batteries will be provided (via SCADA).
 - Whether the inclusion of energy availability/constraints for scheduled generators in the Pre-dispatch (PD) process would require submission of a shaped profile from generators (Participants are not forced to bid an availability profile, but some do. If they don't, PD dispatches them until the daily energy limit is reached for the trading day).
 - Why batteries are not included in the PD forecasts (this had not been considered; the PD approach is an enhancement of the rule requirement for a figure to be published at the start of the trading day).
- Origin's comment at the June OCF about the relative usefulness of different elements of the recent HLIAs is also noted and an additional summary table(s) will be added to the ERI document.
- The [Final ERI High-level Implementation Assessment \(HLIA\)](#) was published on 12 July and includes the proposed industry readiness approach.

12. Stakeholder Engagement

Upcoming Engagements

For Noting

Upcoming Engagements

July						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

August						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

September						
M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

October						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NEM Reform Program Committees/Forums

Executive Forum	
Reform Delivery Committee	
Reform Delivery Committee Collaborative Workshop	
Program Consultative Forum	
Electricity Wholesale Consultative Forum	
Implementation Forum	
Industry Testing Working Group	

NEM Reform Briefings

Industry Briefing - Integrating price responsive resources into the NEM - Draft HLIA	
ST PASA Procedure Stakeholder Workshop	

Other Forums

Electricity Retail Consultative Forum	
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Other

National Public Holiday	
State/Territory Public Holiday	

13. General Questions & Other Business



NEMReform@aemo.com.au



[AEMO | Implementation Forum](#)



Appendix A: Competition law meeting protocol

AEMO Competition Law - Meeting Protocol

AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO regarding proposed reforms or other initiatives, all participants agree to adhere to the CCA at all times and to comply with this Protocol. Participants must arrange for their representatives to be briefed on competition law risks and obligations.

Participants in AEMO discussions **must**:

- Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
- Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
- Immediately and clearly raise an objection with AEMO or the Chair of the meeting if a matter is discussed that the participant is concerned may give rise to competition law risks or a breach of this Protocol

Participants in AEMO meetings **must not** discuss or agree on the following topics:

- Which customers they will supply or market to
- The price or other terms at which Participants will supply
- Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
- Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
- Refusing to supply a person or company access to any products, services or inputs they require

Under no circumstances must Participants share Competitively Sensitive Information. Competitively Sensitive Information means confidential information relating to a Participant which if disclosed to a competitor could affect its current or future commercial strategies, such as pricing information, customer terms and conditions, supply terms and conditions, sales, marketing or procurement strategies, product development, margins, costs, capacity or production planning.