

NEM Reform Implementation Forum

Meeting #25
28 August 2024



1. Welcome



We acknowledge the Traditional Custodians of the land, seas and waters across Australia. We honour the wisdom of Aboriginal and Torres Strait Islander Elders past and present and embrace future generations.

We acknowledge that, wherever we work, we do so on Aboriginal and Torres Strait Islander lands. We pay respect to the world's oldest continuing culture and First Nations peoples' deep and continuing connection to Country; and hope that our work can benefit both people and Country.

'Journey of unity: AEMO's Reconciliation Path' by Lani Balzan

AEMO Group is proud to have delivered its first Reconciliation Action Plan in May 2024. 'Journey of unity: AEMO's Reconciliation Path' was created by Wiradjuri artist Lani Balzan to visually narrate our ongoing journey towards reconciliation - a collaborative endeavour that honours First Nations cultures, fosters mutual understanding, and paves the way for a brighter, more inclusive future.

Read our
RAP



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 <ul style="list-style-type: none"> Refresh timings 	Chris Fleming
5	1:25-1:45pm	September 2024 Release <ul style="list-style-type: none"> Retail Improvements – Progress Update Industry Test Strategy Go-Live Plan 	Greg Minney/Chris Fleming
6	1:45-1:50pm	December 2024 Release / June 2025 Release <ul style="list-style-type: none"> Frequency Performance Payments (FPP) <ul style="list-style-type: none"> Progress Summary 	<ul style="list-style-type: none"> Oliver Derum
7	1:50-2:00pm	January 2025 Release <ul style="list-style-type: none"> SCADA Lite 	<ul style="list-style-type: none"> Greg Minney
8	2:00-2:20pm	July 2025 Release <ul style="list-style-type: none"> Enhancing Reserve Information (ERI) <ul style="list-style-type: none"> Outline of Scope and Milestones ST PASA Procedure and Recall Period <ul style="list-style-type: none"> High Level Scope and Delivery Plan 	<ul style="list-style-type: none"> Oliver Derum Nicole Nsair

#	Time	Topic	Presenter
9	2:20-2:45pm	Other Initiatives <ul style="list-style-type: none"> Shortened Settlement Cycles Improving Security Frameworks (ISF) for the Energy Transition Flexible Trading Arrangements (FTA) Metering Services review Integrating Price Responsive Resources into the NEM 	<ul style="list-style-type: none"> Greg Minney Carla Ziser Justin Stute Justin Stute Noting
10	N/A	Production / Transition Changes <ul style="list-style-type: none"> Sparse Data Model / Next day Offer IESS settlement Transition 	N/A
11	N/A	Stakeholder Engagement <ul style="list-style-type: none"> Upcoming Engagements 	N/A
12	2:45–3:00pm	General Questions & Other Business	Greg Minney

Appendix A:

Competition law meeting protocol and AEMO forum expectations

“Please note that this meeting will be recorded by AEMO and may be accessed and used by AEMO for the purpose of compiling minutes. By attending the meeting, you consent to AEMO recording the meeting and using the record for this purpose. No other recording of the meeting is permitted”

2. Actions & Feedback from Previous Meeting

Actions

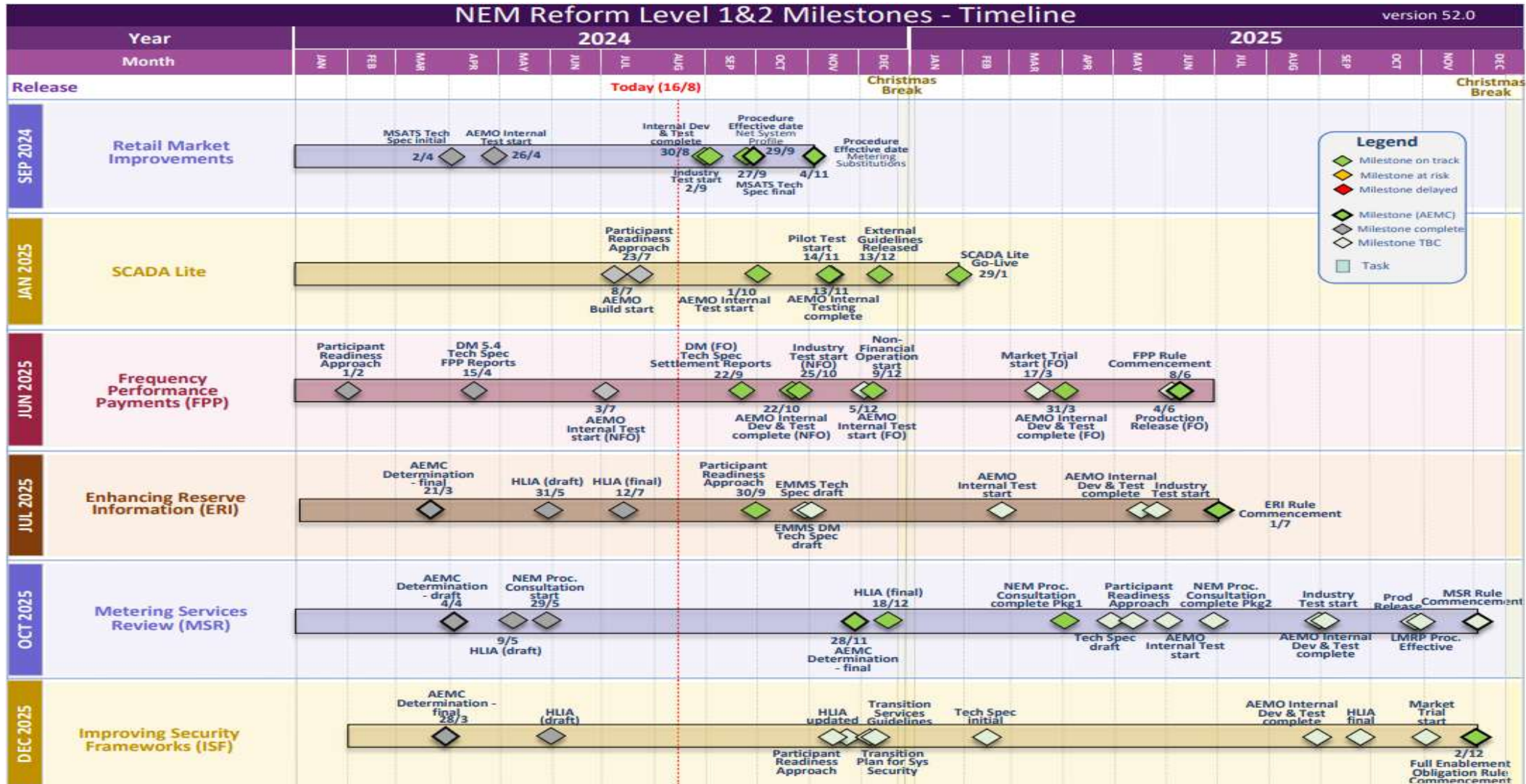


No actions recorded.

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

3. 2024 / 2025 Release Summary

Release Summary milestones



4. Pre-Production

Pre-Production Key dates

Pre-prod refresh dates and outage timings

- Pre-Prod Retail refresh successfully completed from 12 to 16 August - supporting the September 2024 release (Retail refresh only). Production copy is from Friday 9 August.
- Pre-prod Wholesale and Retail refresh is planned for late Q1 2025 (date TBC) to support FPP (FO) Industry Test. Retail refresh will likely be prior to the Wholesale refresh.

Data Model updates

- Data Model 5.4 on schedule to be deployed in Pre-Prod on 25 September 2024.
- Data Model 5.5 scheduled to be deployed in Pre-Prod 25 March 2025.

5. September 2024 Release

Retail Improvements

Greg Minney / Chris Fleming

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

RMI Industry Testing Strategy

WHO?	MSPs, FRMPs, ENLRs and LNSPs.	
WHEN?	2 Sept to 27 Sept 2024	ICF_072 industry test period
	30 Sept to 1 Nov 2024	ICF_054 industry test period
WHAT?	<p>Industry Testing ICF-072</p> <ul style="list-style-type: none"> • Demonstrate the changes to the profiling methodology to convert accumulation (basic meter) reads, that typically account for consumption over a 90-day period, into 5-minute trading intervals. • Preprod shakeout in the week prior to industry test period (28 Aug – 30 Aug) • Validation in Preprod to be via RM reporting based on 1 year’s data in the following sequence: <ol style="list-style-type: none"> 1. PAE Baseline runs (current profiling methodology) 2. PAE runs with new methodology • Participants can compare the profiling outcomes via the relevant RM reports (RM20, RM16, RM17, also potentially UFE RM reports). • Report cycle will be run for a selected period and shared with Participants as early as possible in the Industry Test window. Report cycle for a subsequent period will then be run to provide further validation if time permits. 	

RMI Industry Testing Strategy

WHAT?

ICF_054 Industry Testing

- Confirm that MDPs can submit meter data with the new Substitution Types and Reason Codes post deployment of the changes into Pre-prod.
- Confirm that FRMPs, ENLRs and LNSPs can consume meter data with the new Substitution Types and Reason Codes post deployment.

ICF_072 Validation

- Participants to review provided reports utilising updated NSLP calculation

NEXT STEPS

- AEMO will hold twice-weekly Q&A sessions with participants to support industry testing and discuss any issues encountered.
- Q&A sessions to commence 29th August. Invitations have been sent to ITWG members.
- AEMO will coordinate with market participants on timings of when the reports will be published and respective case IDs and periods for ICF_072.
- Participants to arrange Bilateral testing for ICF_054.

Industry Testing Strategy

- The RMI Industry Testing Strategy was published 5 August 2024.

Industry Go-Live Plan & Go Live Checkpoint

Go Live Plan:

- The draft RMI September 2024 Go Live Plan was published Friday 16 August 2024.
- Feedback by Friday 30 August 2024 would be appreciated to enable the final version to be published by Monday 09 September 2024.
- Please be aware that once RMI September 2024 is released to Production on Sunday 29 September 2024, **both** ICF's will be active. AEMO will not be implementing validation to prevent new/modified Substitution Types being used prior to the procedure effective date of Monday 04 November 2024.
- Deployment is scheduled in the standard outage window and timing – Sunday 29th September. Participants should review notification approach and outage timing

Go Live Checkpoint:

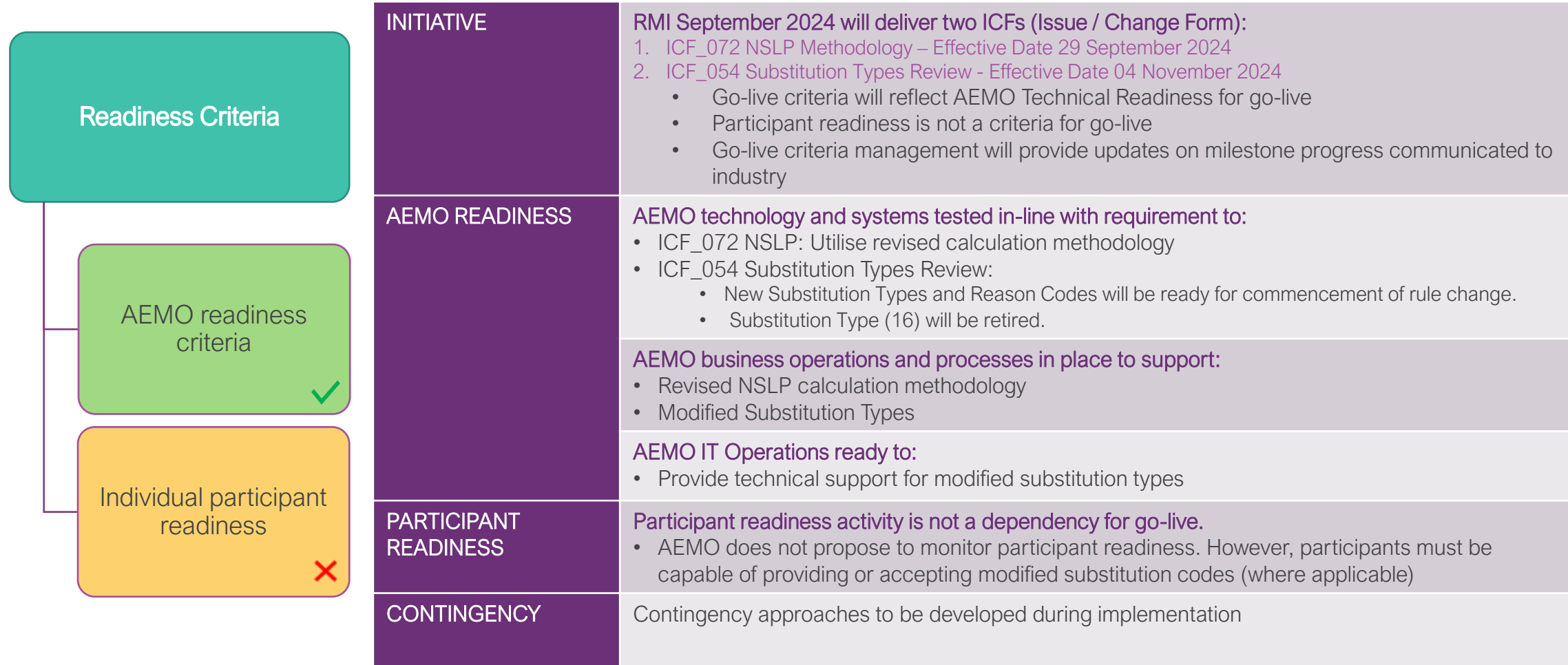
- As at 16th August AEMO internal testing has gone well and is proceeding to schedule.
- Industry Testing is on track for a commencement date of Monday 02 September 2024 for ICF_072.

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	5-Aug-2024	Complete		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

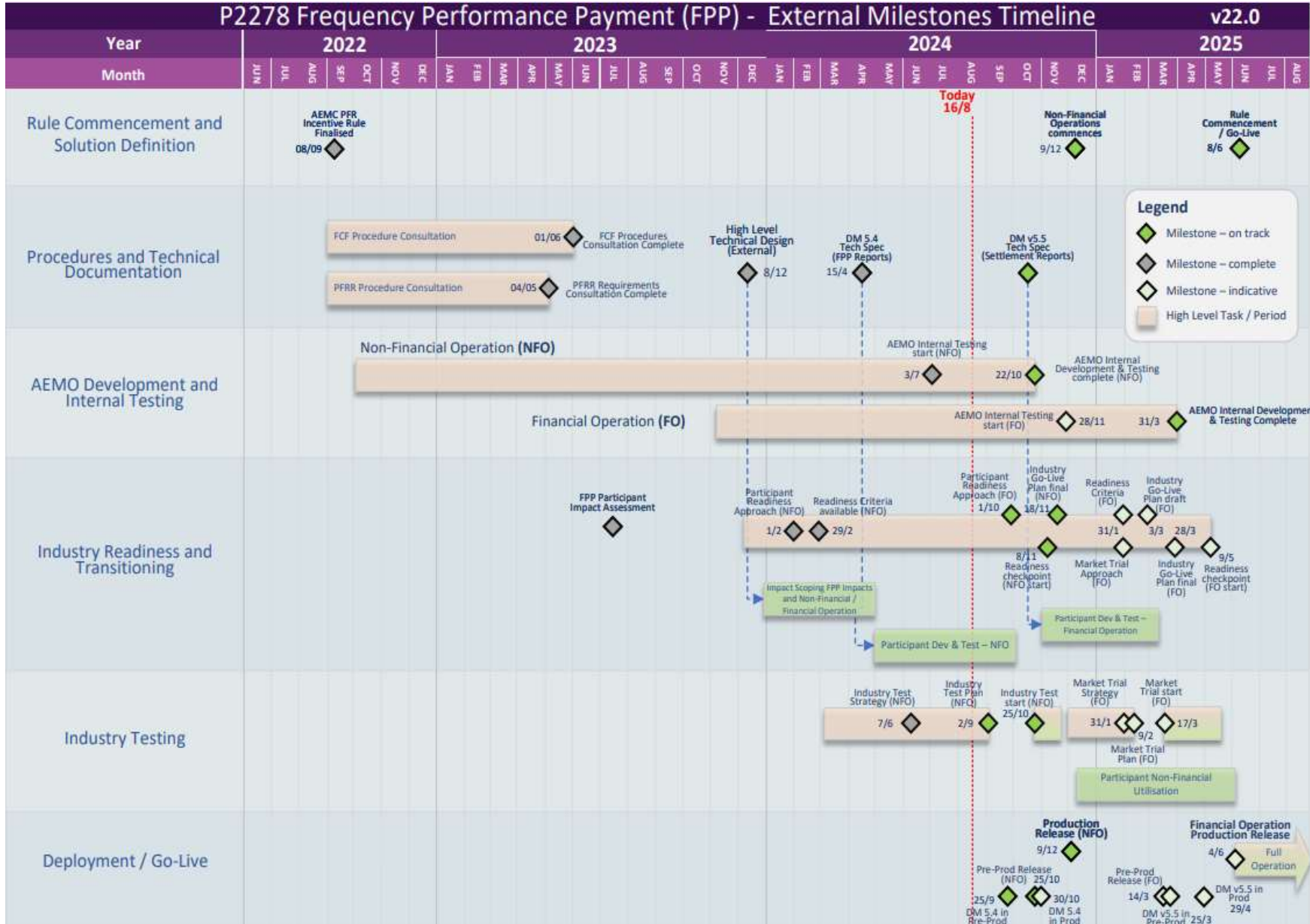


6. December 2024 / June 2025 Release

Frequency Performance Payments (FPP)

Oliver Derum

Frequency Performance Payments (FPP) Milestones Timeline



Progress Summary

Overall project status **GREEN**.

- AEMO has finalised a new plan for completion of all internal FPP functionality, with no impact to NFO industry Deliverables
- AEMO has identified the need for an implementation amendment to the NER, related to allocating the FPP 'residual' amounts based on adjusted consumed energy to be addressed in line with FPP Financial Operation.
- [Industry Test Strategy](#) published on 7 June. AEMO preparations in progress
- 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

Pre-NFO engagement

An invitation has been sent to EWCF attendees for three one-hour pre-NFO sessions that AEMO has scheduled for (9 Sept, 9 Oct and 8 Nov).

The sessions will all be very similar to each other and contain three main elements, being:

- A short overview of the background and theory of FPP (designed as an easy introduction for anyone 'late' or 'new' to the process).
- A short presentation on the outputs and operation of the new FPP engine.
- At least 30 mins for questions, either related to the material presented or any other aspect of the FPP reform. The relevant AEMO experts will be in attendance at each event.

AEMO expects to make relatively minor additions to the content for the second and third sessions, based on questions that have been asked. However, the content will be largely the same and is being deliberately repeated to accommodate different participants and stakeholders who will prepare for the commencement of NFO at different times. AEMO anticipates that three Q+A windows may also prove valuable for stakeholders as pre-NFO activity ramps up prior to commencement.

The sessions will be recorded, and videos published.

An invitation to register has been sent to NEM Reform Implementation Forum, Program Consultative Forum and Electricity Wholesale Consultative Forum members.

Registrations are welcome using this link: <https://forms.office.com/r/QGNjx6uaEF> or by contacting us at NEMReform@aemo.com.au.

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 Date	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)

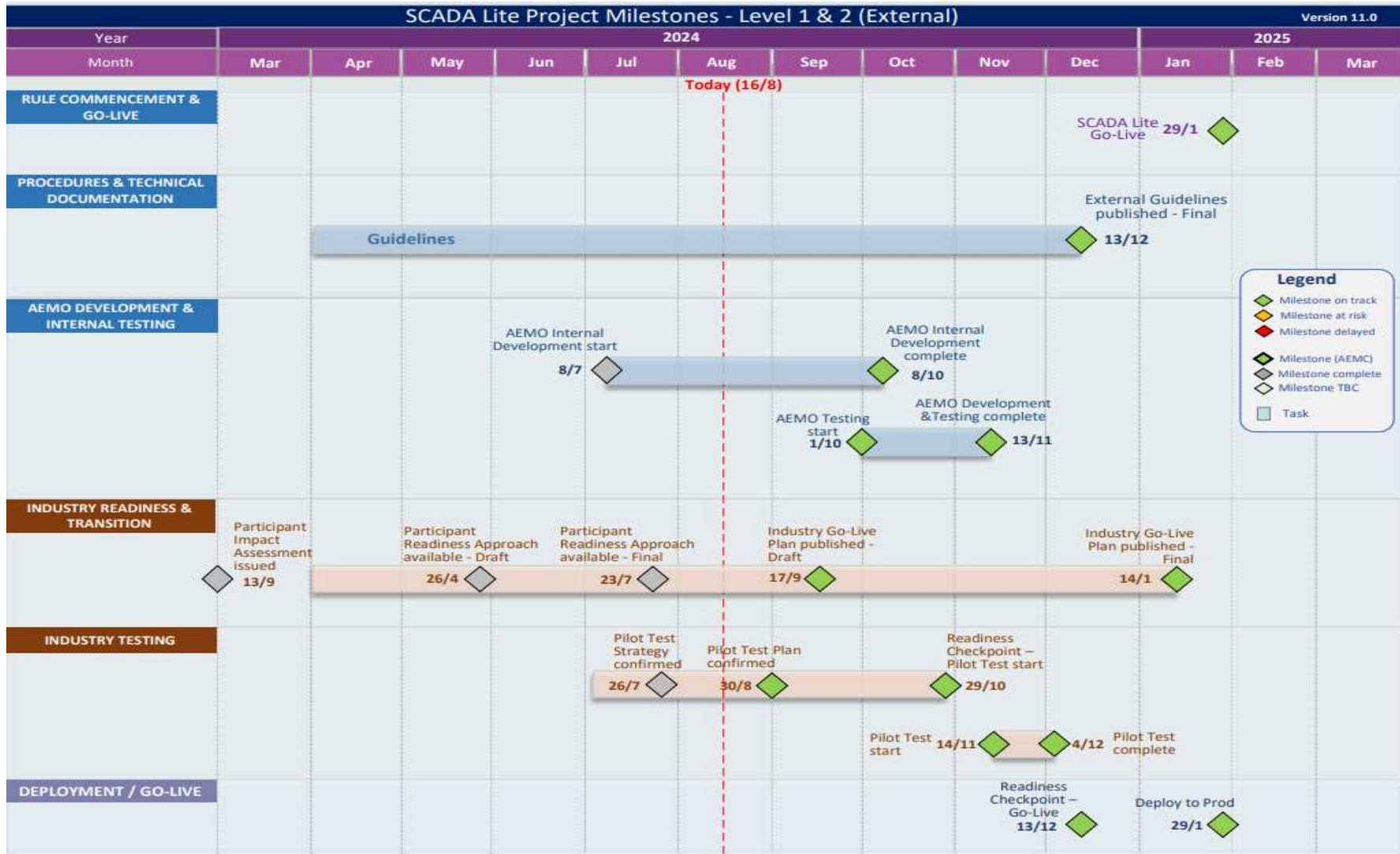
Level	Milestone ID	Milestone	Project	Target Date	Expected Date	RAG	Tentative / Confirmed	Commentary
Level 2	FPP-218	Data Model (FO) Tech Spec (Settlement Reports)	FPP-FO	22-Sep-2024		Green	Confirmed	
Level 2	FPP-214	Participant Readiness Approach published (Financial Operation)	FPP-FO	1-Oct-2024		Green	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	

7. January 2025 Release

SCADA Lite

Greg Minney

SCADA Lite Timeline



Progress Summary

Overall project status **GREEN**.

- AEMO internal development and testing of solution progressing on track noting pressure on internal development timeline due to procurement timings.
- Pilot Test Strategy with pilot participant has been confirmed. [Summary Test Approach](#) published on AEMO website 24 July.
- Test Plan being developed with pilot participant and on track for 30 August.
- Final [Readiness Approach and Go-live Criteria](#) has been agreed and published.

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		Confirmed	
Level 2	SCL-203	Participant Readiness Approach available- Final	SCADA Lite	23-Jul-2024		Complete		Confirmed	
Level 2	SCL-204	Participant Readiness and Go-live Criteria published	SCADA Lite	26-Jul-2024		Complete		Confirmed	
Level 2	SCL-205	Pilot Test Strategy confirmed with participant	SCADA Lite	26-Jul-2024		Complete		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	

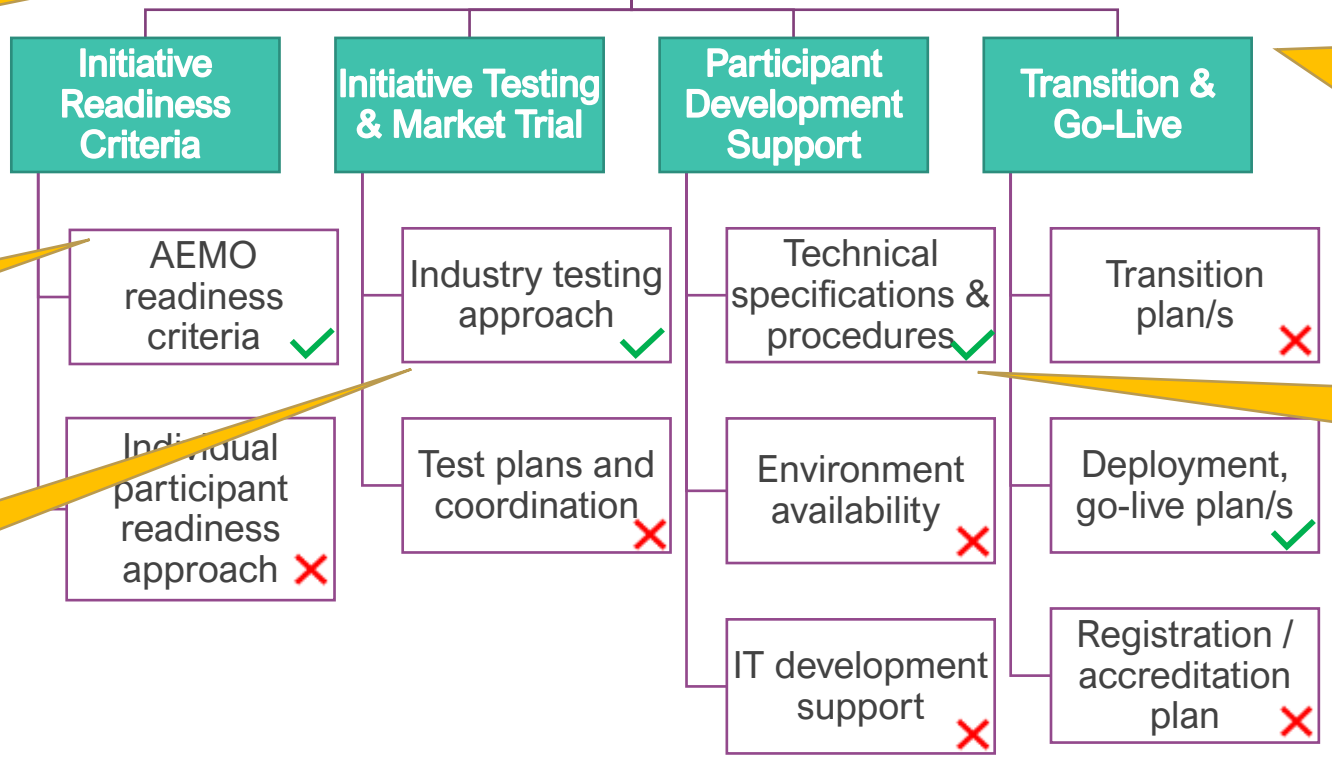
Readiness Approach

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

Eligible participant engagement once service is live

AEMO solution and business must be ready.

Technical "How-To" Guideline

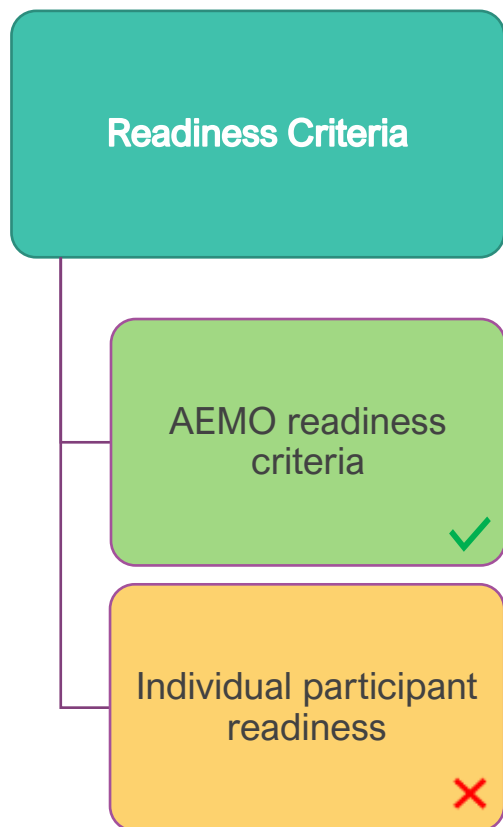
Pilot Testing with Individual Participant

Progress against milestones & checkpoints

RISK & CONTINGENCY MANAGEMENT ✓

INITIATIVE READINESS REPORTING & GO-LIVE CRITERIA MANAGEMENT ✓

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

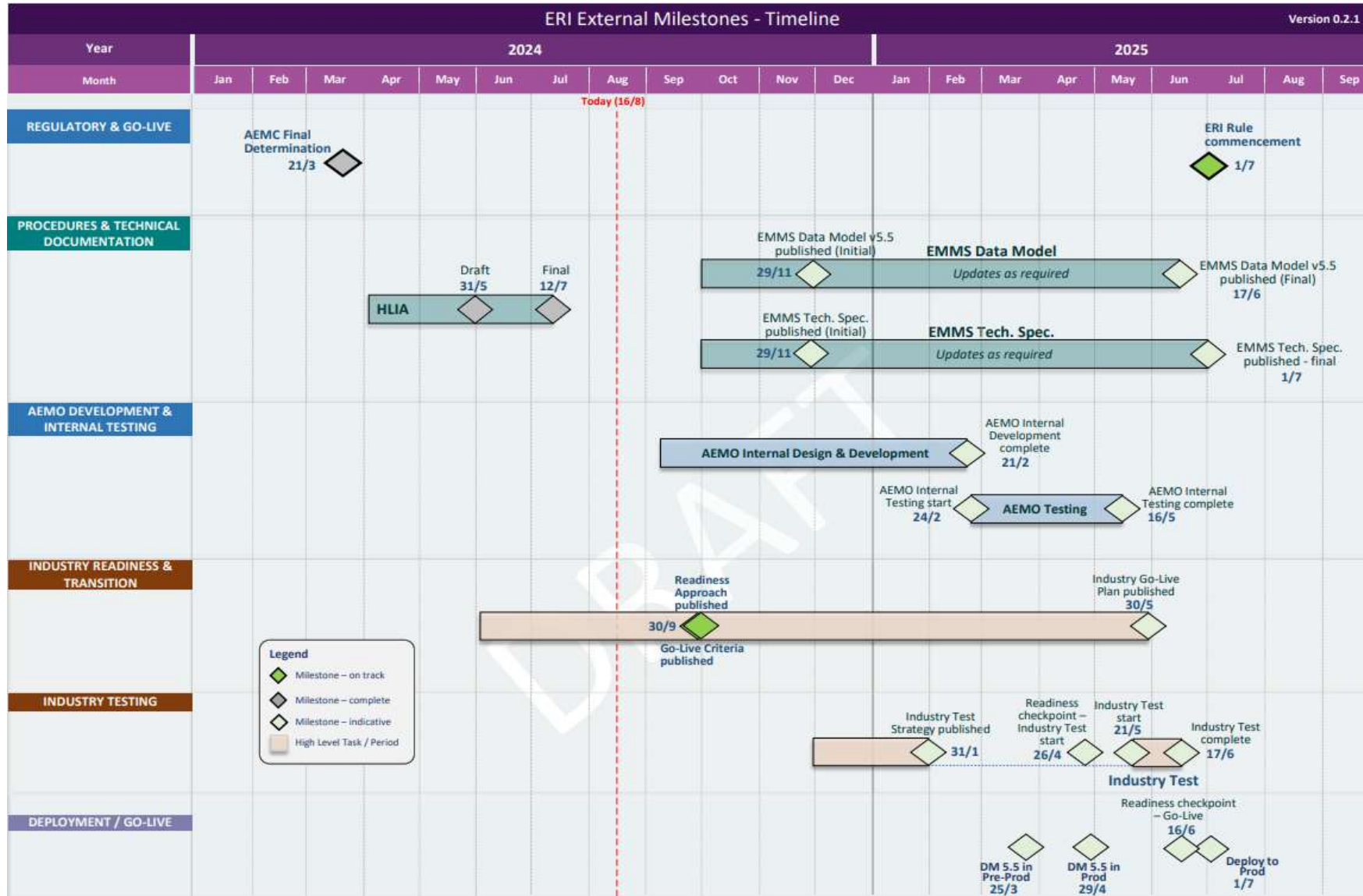
8. July 2025 Release



Enhancing Reserve Information (ERI)

Oliver Derum

ERI development and testing timeline



Progress Summary

Overall project status **AMBER**.

- Status related to internal administrative processes only.
- This more-developed timeline for ERI development and testing has recently been published.
- Final industry readiness approach and go-live criteria on track for publishing 30 August. Draft available in [High Level Implementation Assessment](#).
- Seeking Feedback on participant development timings and support in to formalise Readiness Approach

Note

Commencement of aggregated state of charge reporting each trading interval in Tasmania will not occur until three independently operated grid-scale batteries are present, or on 1 July 2027 at the latest. A proportional period of re-testing, readiness and engagement activity will precede commencement.

ERI Milestones

Enhancing Reserves Information (ERI) - Level 1 & 2 Milestones (External)

Level	Milestone ID	Milestone	Target Date	Expected Date	Status	RAG	Tentative / Confirmed	Commentary
Level 2	ERI-201	AEMC Draft determination	21-Dec-2023	21-Dec-2023	Complete		Confirmed	
Level 1	ERI-101	AEMC Final Determination	21-Mar-2024	21-Mar-2024	Complete		Confirmed	
Level 2	ERI-202	HLID/ PIA (draft)	31-May-2024	31-May-2024	Complete		Confirmed	
Level 2	ERI-203	Updated HLID / PIA (final)	5-Jul-2024	12-Jul-2024	Complete		Confirmed	
Level 2	ERI-204	EMMS Data Model v5.5 Tech Spec published (initial)		29-Nov-2024	Green		Tentative	
Level 2	ERI-216	EMMS Tech Spec published (initial)		29-Nov-2024	Green		Tentative	
Level 2	ERI-205	Industry Readiness Approach published		30-Sep-2024	Green		Confirmed	
Level 2	ERI-206	Industry Go-Live Criteria published		30-Sep-2024	Green		Confirmed	
Level 2	ERI-207	AEMO Internal Development complete		21-Feb-2025	Green		Tentative	
Level 2	ERI-208	AEMO Internal Testing start		24-Feb-2025	Green		Tentative	
Level 2	ERI-209	Industry Test Strategy published		31-Jan-2025	Green		Tentative	
Level 2	ERI-217	Readiness checkpoint - Industry Test start		26-Apr-2025	Green		Tentative	
Level 2	ERI-210	AEMO Internal Development & Testing complete		16-May-2025	Green		Tentative	
Level 1	ERI-102	Industry Testing start		21-May-2025	Green		Tentative	
Level 2	ERI-215	Industry Testing complete		17-Jun-2025	Green		Tentative	
Level 2	ERI-211	Industry Go-Live Plan published		30-May-2025	Green		Tentative	
Level 2	ERI-212	EMMS Data Model 5.5 released to Pre-Production		25-Mar-2025	Green		Tentative	
Level 2	ERI-213	EMMS Data Model 5.5 released to Production		29-Apr-2025	Green		Tentative	
Level 2	ERI-218	Readiness checkpoint - Go-Live		16-Jun-2025	Green		Confirmed	
Level 2	ERI-214	EMMS Data Model v5.5 Tech Spec published (final)		17-Jun-2025	Green		Tentative	
Level 2	ERI-219	EMMS Tech Spec published (Final)		1-Jul-2025	Green		Tentative	
Level 1	ERI-103	Deployment to Production (Reporting)		1-Jul-2025	Green		Tentative	
Level 1	ERI-104	Rule Commencement (Reporting)		1-Jul-2025	Green		Confirmed	
Level 2	ERI-	AEMO Internal Testing start (Real Time Reporting)		15-Feb-2027	Green		Tentative	
Level 2	ERI-	Industry Readiness Approach published (Real Time Reporting)		15-Jan-2027	Green		Tentative	
Level 2	ERI-	Industry Go-Live Criteria published (Real Time Reporting)		15-Mar-2027	Green		Tentative	
Level 2	ERI-	Industry Test Strategy published (Real Time Reporting)		15-Mar-2027	Green		Tentative	
Level 1	ERI-	Industry Testing Commences (Real Time Reporting)		15-May-2027	Green		Tentative	
Level 2	ERI-	Industry Go-Live Plan published (Real Time Reporting)		30-May-2027	Green		Tentative	
Level 1	ERI-	Deployment to Production (Real Time Reporting)		1-Jul-2027	Green		Tentative	
Level 1	ERI-	Rule Commencement (Real Time Reporting)		1-Jul-2027	Green		Tentative	

Your Feedback is requested

Industry readiness approach and milestones

- Draft readiness approach included in [final ERI HLIA](#) published 12 July included:
 - 4-week Industry Test period to run from 21 May to 17 June 2024 for impacted participants to test their systems (bidding, dispatch and reporting)
 - Suggested timings on the agreement to industry test support
 - Initial version of EMMS technical specification and Data Model 5.5 available 29 November 2024 to support participant implementation

Data Model 5.5 scheduled for deployment

- Pre-Prod 25 March 2025
- Production 29 April 2025

AEMO is aiming to confirm this approach supports participant development and testing prior to rule commencement.

Readiness Approach

For noting

Context: NEM Reform program industry strategy

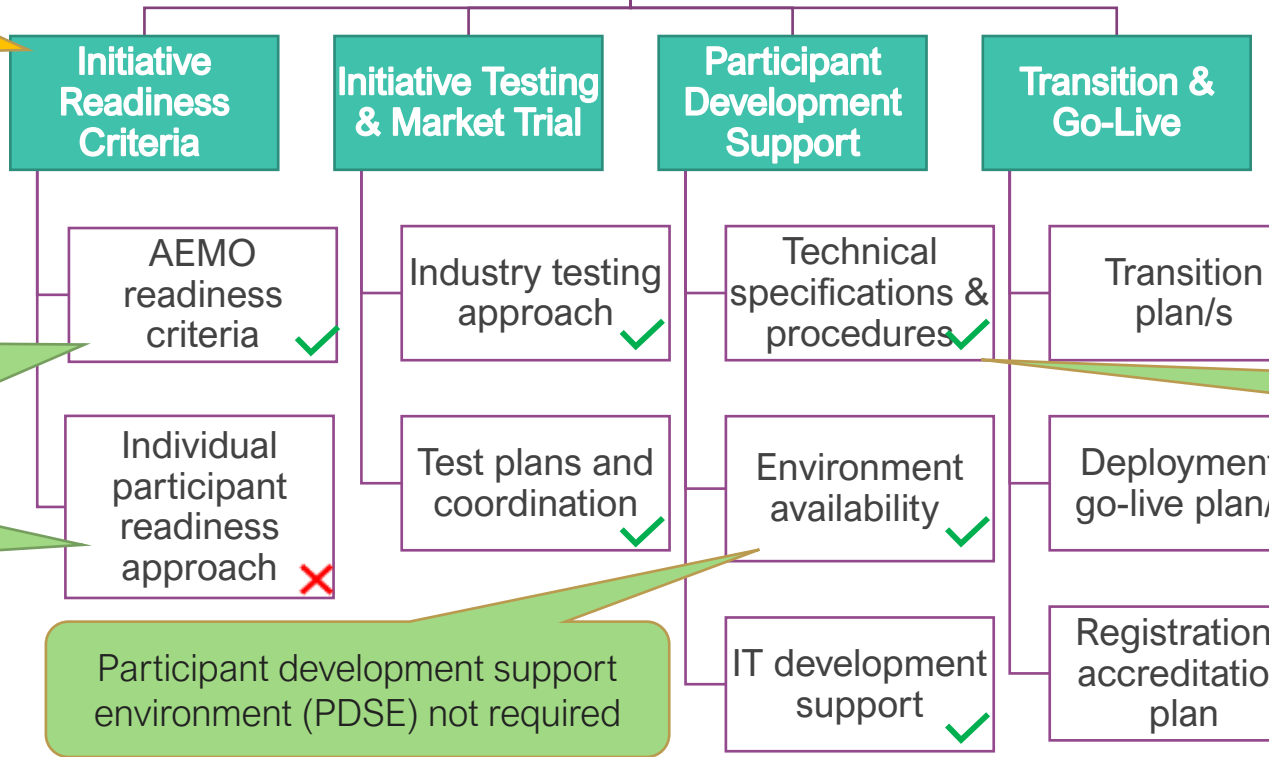
NEM REFORM READINESS STRATEGY (ALL INITIATIVES)

READINESS APPROACH for ERI – Realtime Reporting* 1 July 2025

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.



*excluding Tasmania

ERI readiness approach adopts the standard NEM Reform program framework

EMMS Data Model v5.5

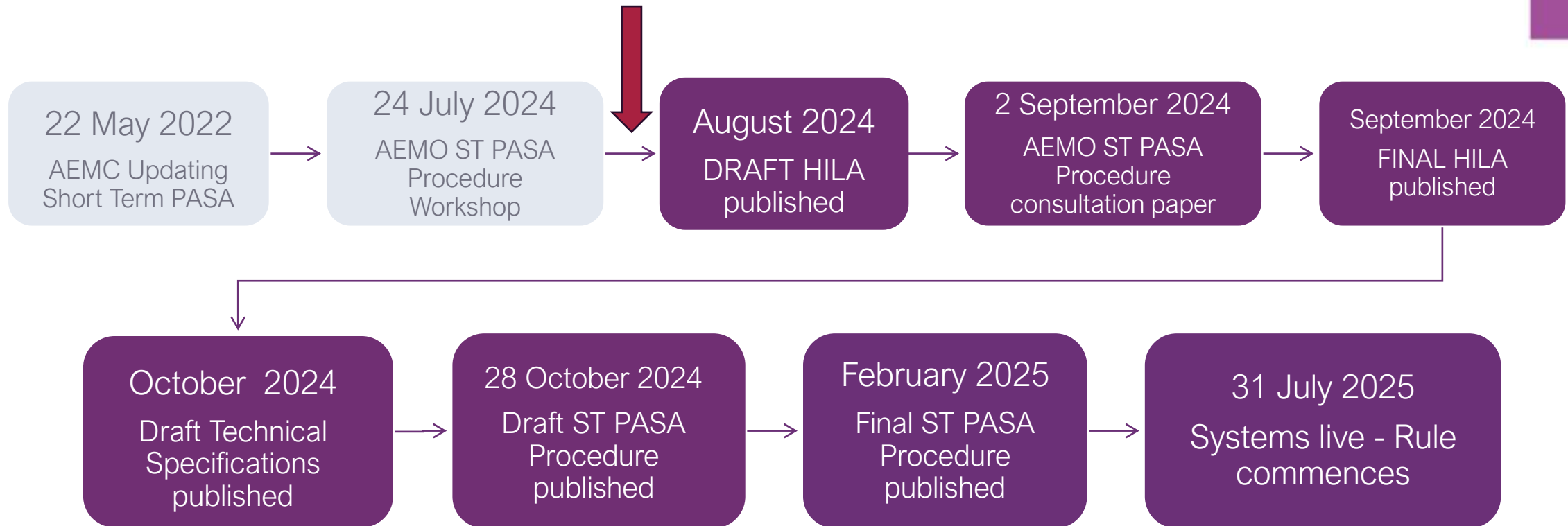
RISK & CONTINGENCY MANAGEMENT ✓

INITIATIVE READINESS REPORTING & GO-LIVE CRITERIA MANAGEMENT ✓

ST PASA Procedure and Recall Period

Nicole Nsair

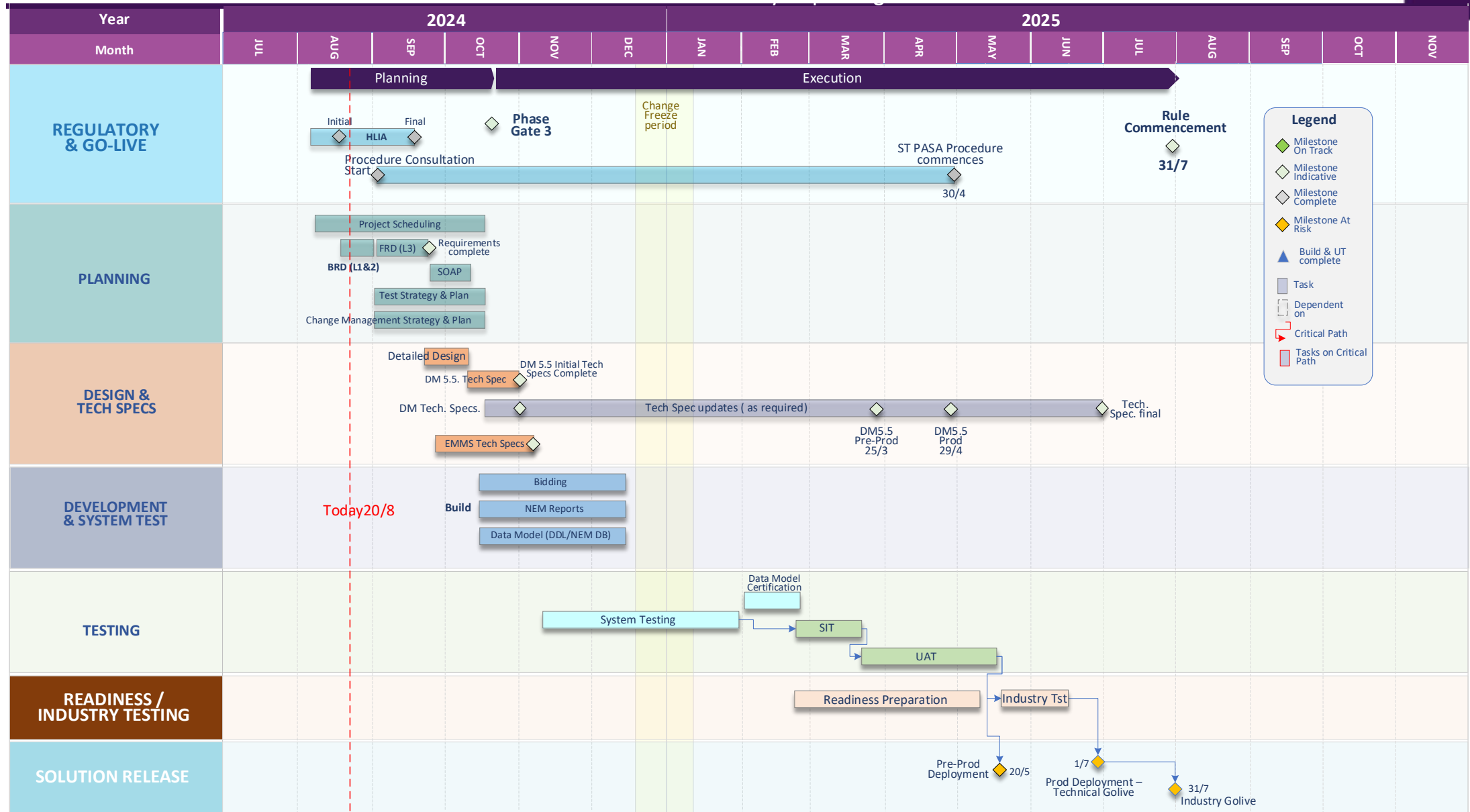
ST PASA Procedure and Recall Period High-level Timeline



QUICK REFERENCES

- AEMO – [ST PASA Procedure and Recall Period webpage](#)
- AEMC – [Updating Short Term PASA](#)

Project Timeline (draft)



9. Other Initiatives



Shortening the Settlement Cycle

Greg Minney

Shortening the Settlement Cycle



- AEMC issued a draft determination on 8 August
- AEMO is planning to release a draft HLIA 19 September

- Key Dates for AEMC process:
 - Submissions on Draft – 3 Oct 2024
 - Final Determination – 14 Nov 2024
 - Draft Commencement – 18 Months post final Determination (30 April 2026)

Improving Security Frameworks (ISF) for the Energy Transition



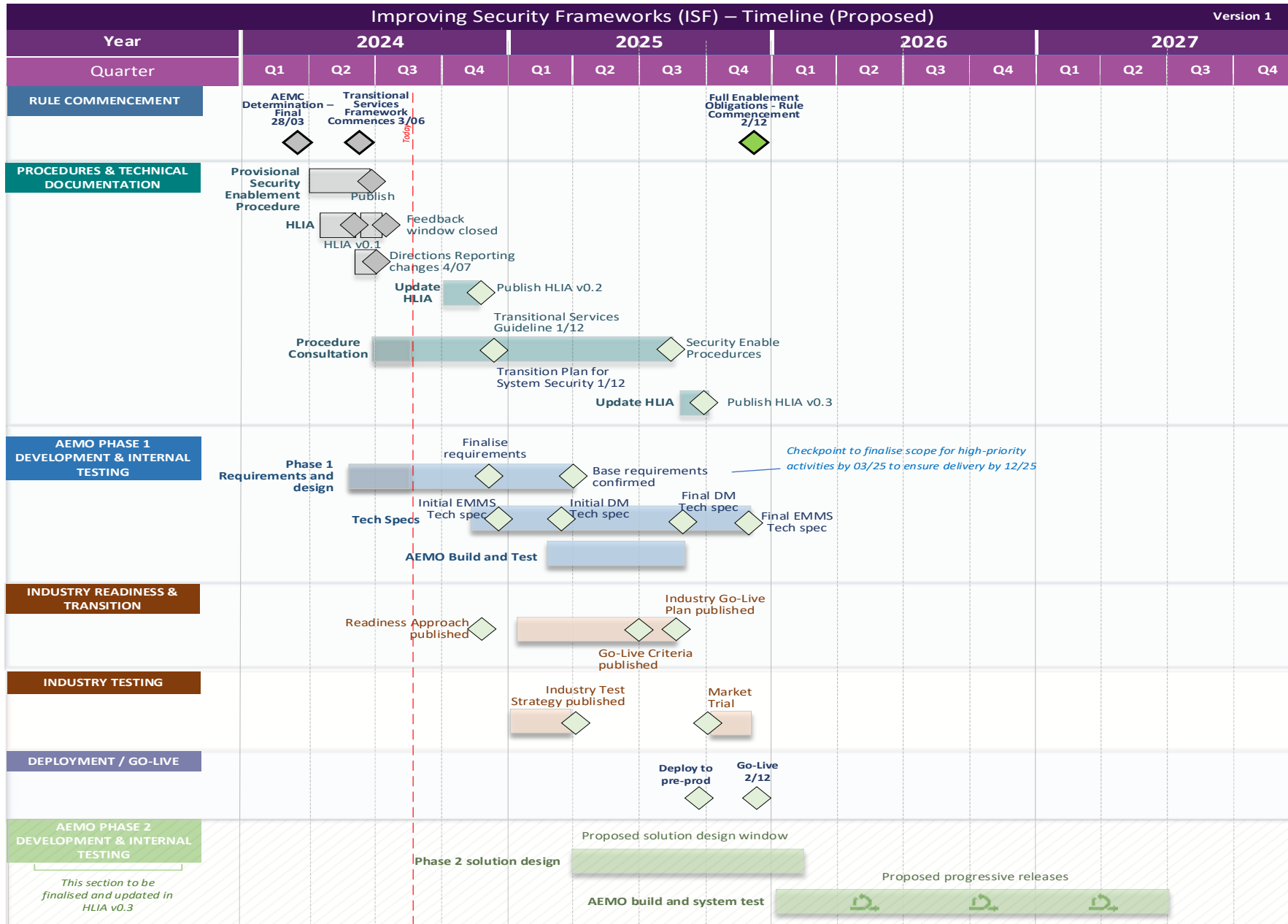
Carla Ziser

ISF August Update

- On 31 May, the first version of the ISF High-level Implementation Assessment (HLIA) was [published](#). V.2 expected in Q4 2024.
- On 4 July arrangements for Improved Directions Transparency were implemented
- 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 2 August, 1st round consultation closed on the [Inertia Requirements Methodology and NSCAS Description and Quantity Procedure](#). Draft report targeted for publication on 9 September 2024.
-  On 31 July, AEMO commenced consultation on the [Transitional Services Guideline](#), with submissions due on Thursday 29th August 2024.

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

Flexible Trading Arrangements (FTA)

Justin Stute

Flexible Trading Arrangements

On 15 August 2024, the AEMC published the Final Determination.

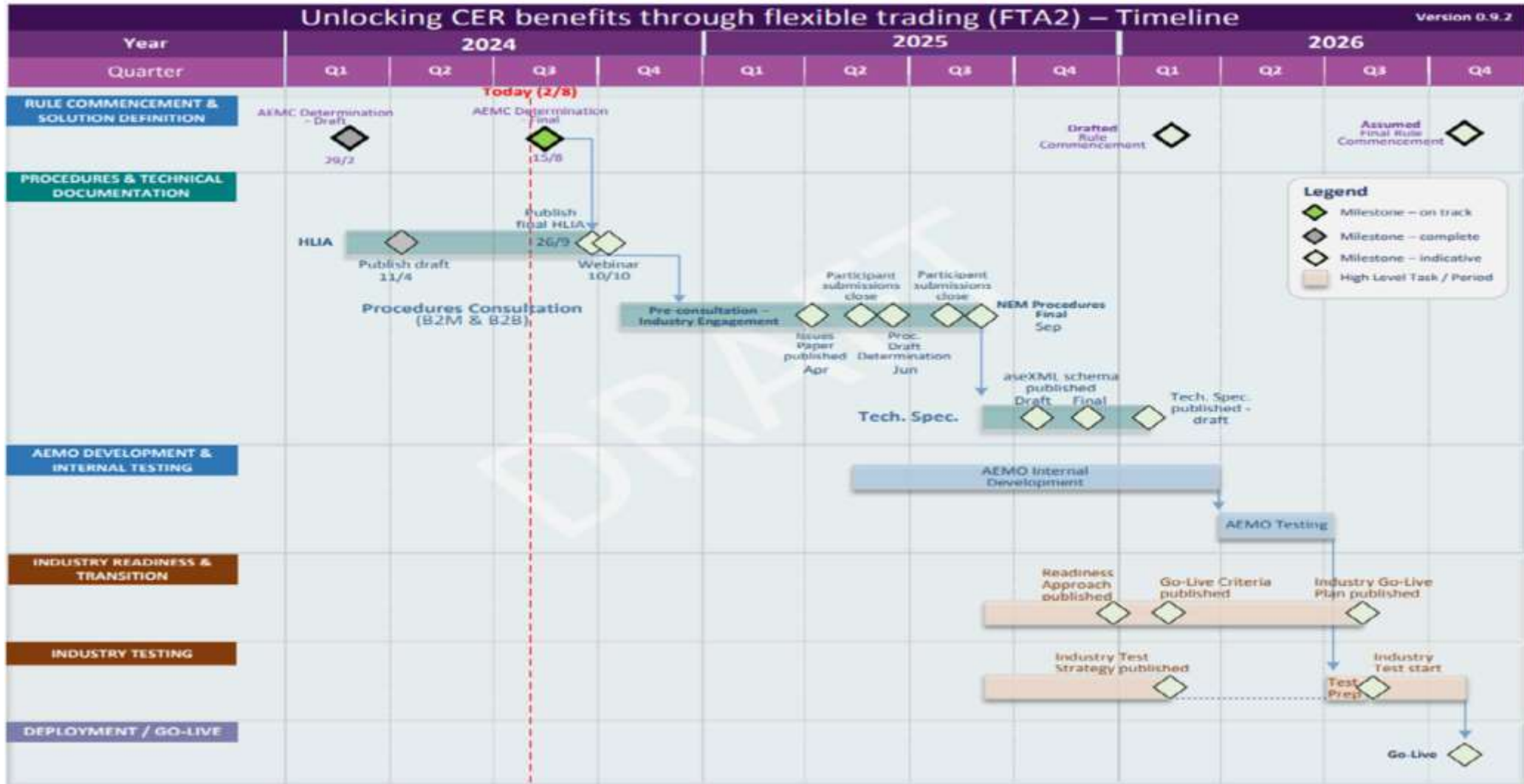
Key changes from the Draft Rule to the Final Rule are:

- Introduction of a 'NMI Service Provider' role, which establishes and maintains a SSP NMI
- Introduction of Type 8A and Type 8B metering types:
 - Type 8A metering installation can be a secondary settlement point for a large and small customer or a primary connection point for a Large CER asset.
 - Type 8B metering installation can be a secondary settlement point for a small customer
- Earlier effective date for Type 9 metering installations

Key dates:

- 31 May 2026 for Type 9 metering installations
- 1 November 2026 for remainder of the reform

Flexible Trading Arrangements



Metering Services Review

Justin Stute

Metering Services Review Update:

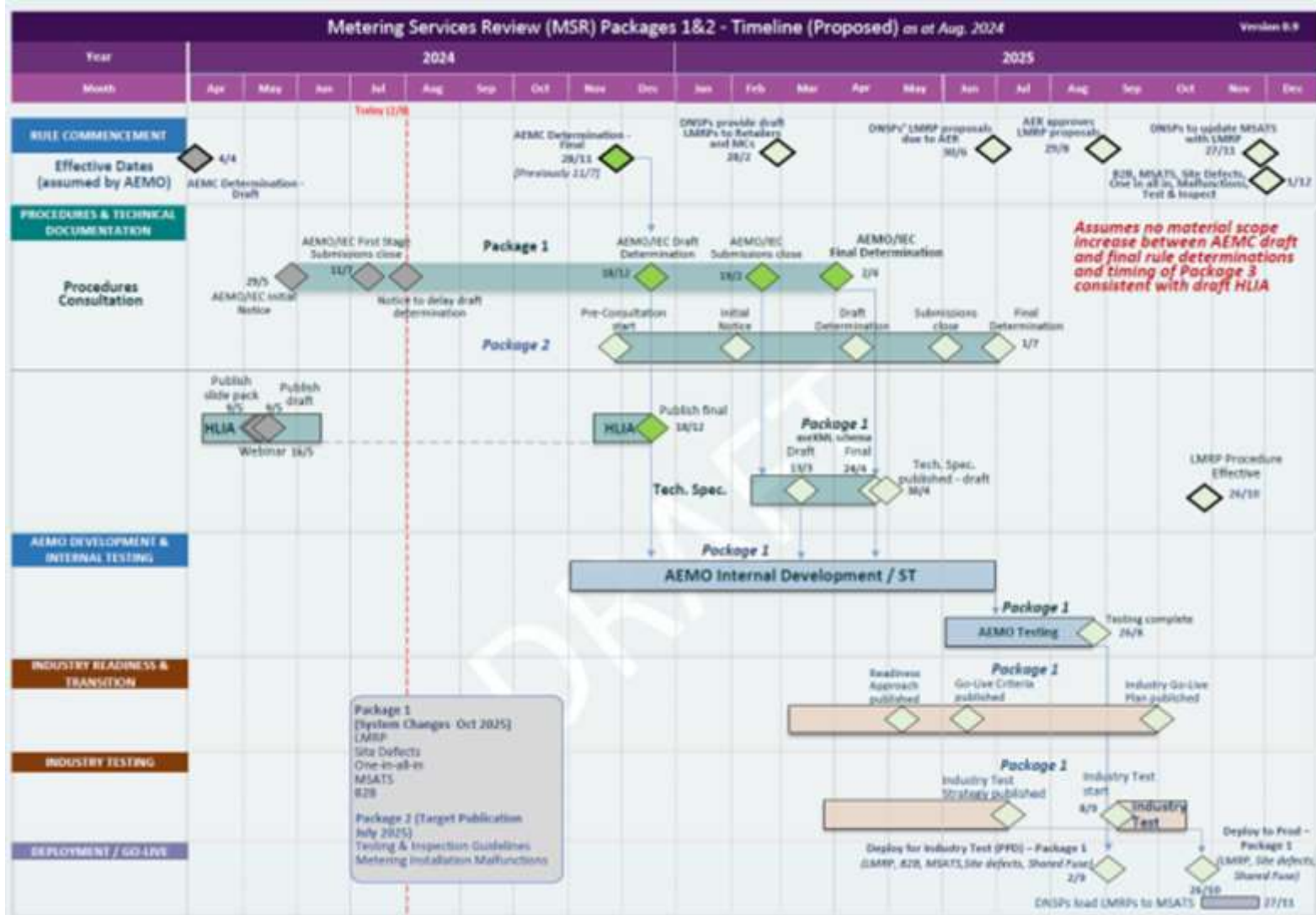
In response to stakeholder feedback about customer safeguards of the installation of a smart meter, the AEMC has delayed the publication of the Final Determination until 28 November 2024.

The AEMC has provided the industry with the following proposed effective dates for the reform:

- 1 December 2025: LMRP, Defect Management, Shared Isolation, Testing/Inspection and Malfunctions
- 1 July 2026: Power Quality Data
- 1 December 2030: Program ends

AEMO have deferred package one consultation, with the draft determination to be published on 18 December 2024

Metering Services Review Anticipated Consultation Approach Recap



Integrating Price Responsive Resources into the NEM

Emily Brodie

Integrating price-responsive resources into the NEM (IPRR): Key milestones

STAGE	DATES	RESPONSIBLE
AEMC draft rule & determination published	Thu 25 Jul	AEMC
AEMO draft HLIA v0.1 published	Thu 01 Aug	AEMO
AEMO industry briefing on draft HLIA	Wed 07 Aug	AEMO
AEMO feedback period on draft HLIA closes	Mon 19 Aug	Industry to provide feedback
AEMO presents HLIA at Reform Delivery Committee	Thu 29 Aug	AEMO
Publish draft HLIA v0.2 • Incorporates industry feedback where appropriate	Thu 12 Sep	AEMO
AEMC consultation period on draft rule closes	Thu 12 Sep	Industry to provide feedback
AEMC to publish final rule & determination	Thu 19 Dec	AEMC
AEMO to publish final HLIA	Feb 2025 (TBC)	AEMO

For more information visit:



nemreform@aemo.com.au



[AEMO | NEM Reform | IPRR](#)



[AEMC | IPRR rule development](#)

Opportunity for stakeholders to provide input into IPRR policy design & implementation timeframe.

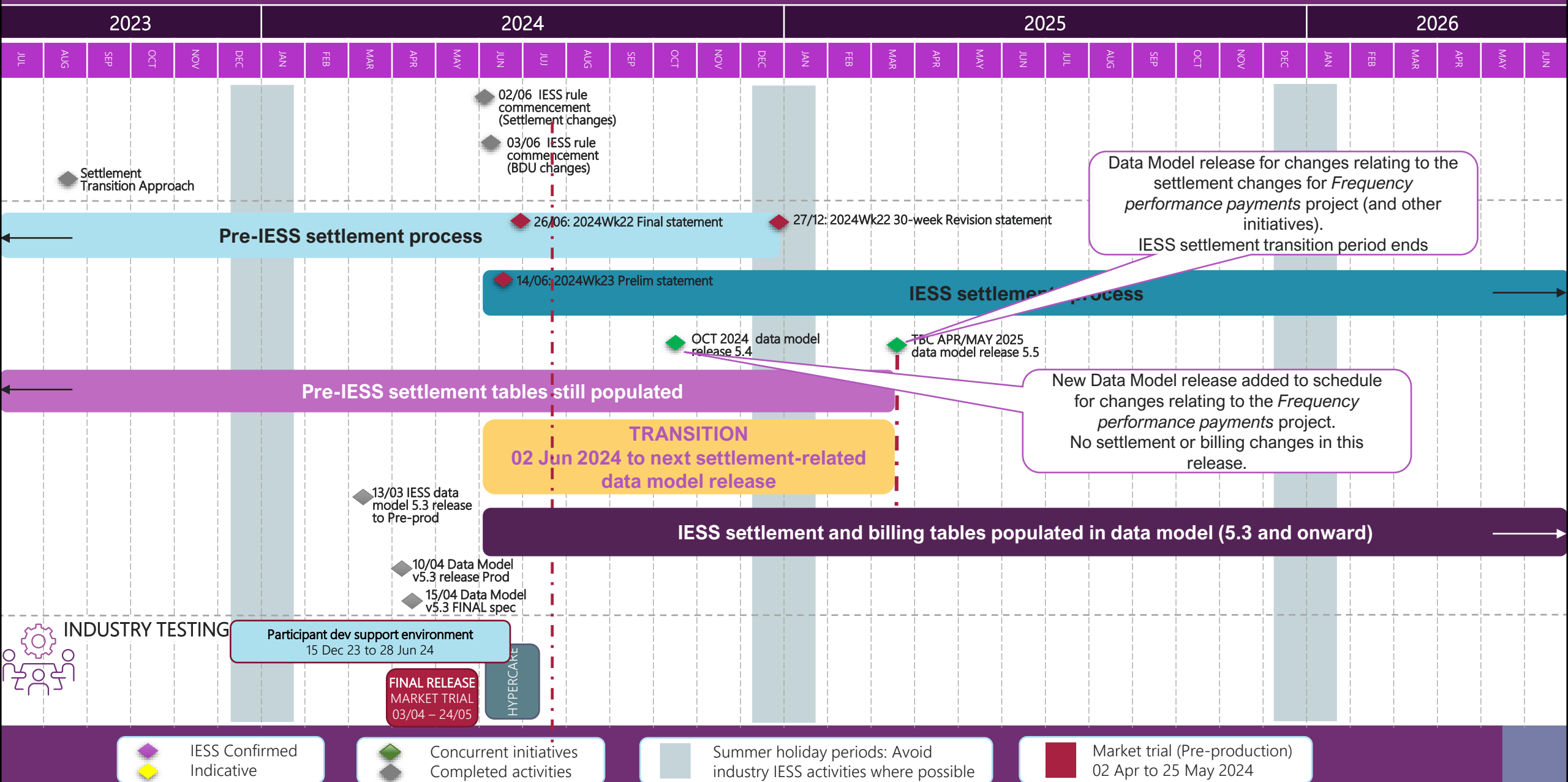
10. Production / Transition Changes

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.



11. Stakeholder Engagement

Upcoming Engagements

For Noting

Upcoming Engagements

Engagement	Date	Time (AEST)
Electricity Retail Consultative Forum	26 August	9:30AM – 11:30AM
Reform Delivery Committee	29 August	9:30AM – 12:00PM
Industry Testing Working Group	29 August	1:00PM – 2:00PM
Program Consultative Forum	11 September	1:00PM – 3:00PM
Electricity Wholesale Consultative Forum	17 September	1:00PM – 3:00PM
Executive Forum	20 September	10:00AM – 12:00PM
Implementation Forum	24 September	1:00PM – 3:00PM



NEMReform@aemo.com.au



[NEM Reform Implementation Forum](#)



12. 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.