

NEM Reform Implementation Forum

Meeting #23
25 June 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	1:10–1:15pm	2024 / 2025 Release Summary	Greg Minney
4	1:15–1:20pm	Pre-Production • Refresh timings	Greg Minney
5	1:20–1:25pm	Production / Transition Changes • Sparse Data Model / Next day Offer • IESS settlement Transition	Greg Minney
6	1:25–1:35pm	June 2024 Release • Go Live Summary • Market Trial Feedback • BDU Cutover Plan • Post Go Live Support / Hypercare Update	• Emily Brodie • Greg Minney • Emily Brodie • Emily Brodie
7	1:35–1:55pm	September 2024 Release • Retail Improvements – Progress Update • Test Strategy Summary	Greg Minney

#	Time	Topic	Presenter
8	1:55–2:00pm	October Release • October – SCADA Lite	Greg Minney
9	2:00–2:10pm	December 2024 Release / June 2025 FPP Release • Progress Summary • Test Strategy Summary	Oliver Derum
10	2:10–2:20pm	Metering Services review • Progress summary • Progress Update	Justin Stute
11	2:20–2:40pm	Other Initiatives (summary notes re HLIA Issue) • Enhancing Reserve Information (ERI) • Improving Security Frameworks (ISF) for the Energy Transition	• Oliver Derum • Carla Ziser
12	N/A	Stakeholder Engagement • Upcoming Engagements	Noting
13	2:40–3:00pm	General Questions & Other Business • Participant Environment Support	Greg Minney

Appendix A:

Competition law meeting protocol and AEMO forum expectations

2. Actions & Feedback from Previous Meeting

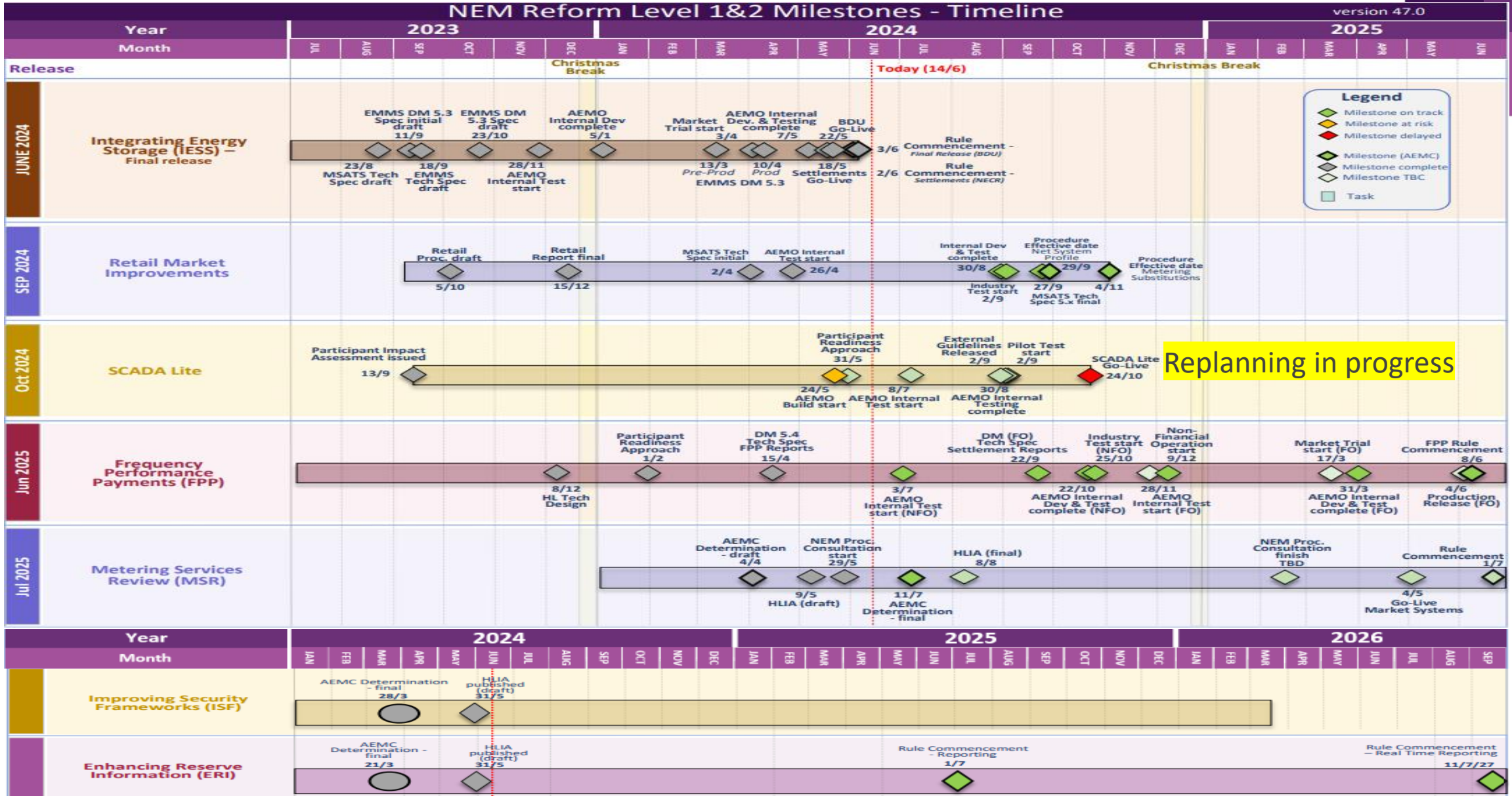
Actions

Item	Topic	Action	Responsible	Status
22.11.0.1	Testing and Development Support Environments	AEMO welcomes feedback on the Industry Risk Register by 12 June 2024 and can be sent to NEMReform@aemo.com.au .	Participants	Closed – Refer to agenda item 13

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-Prod / PDSE Key dates



Proposed Pre-prod dates and outage timings

- Next pre-prod refresh is scheduled for 12th August 2024 to 16 August 2024 (rescheduled from 1st July to 5th July 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 will be removed from Friday 28 June 2024

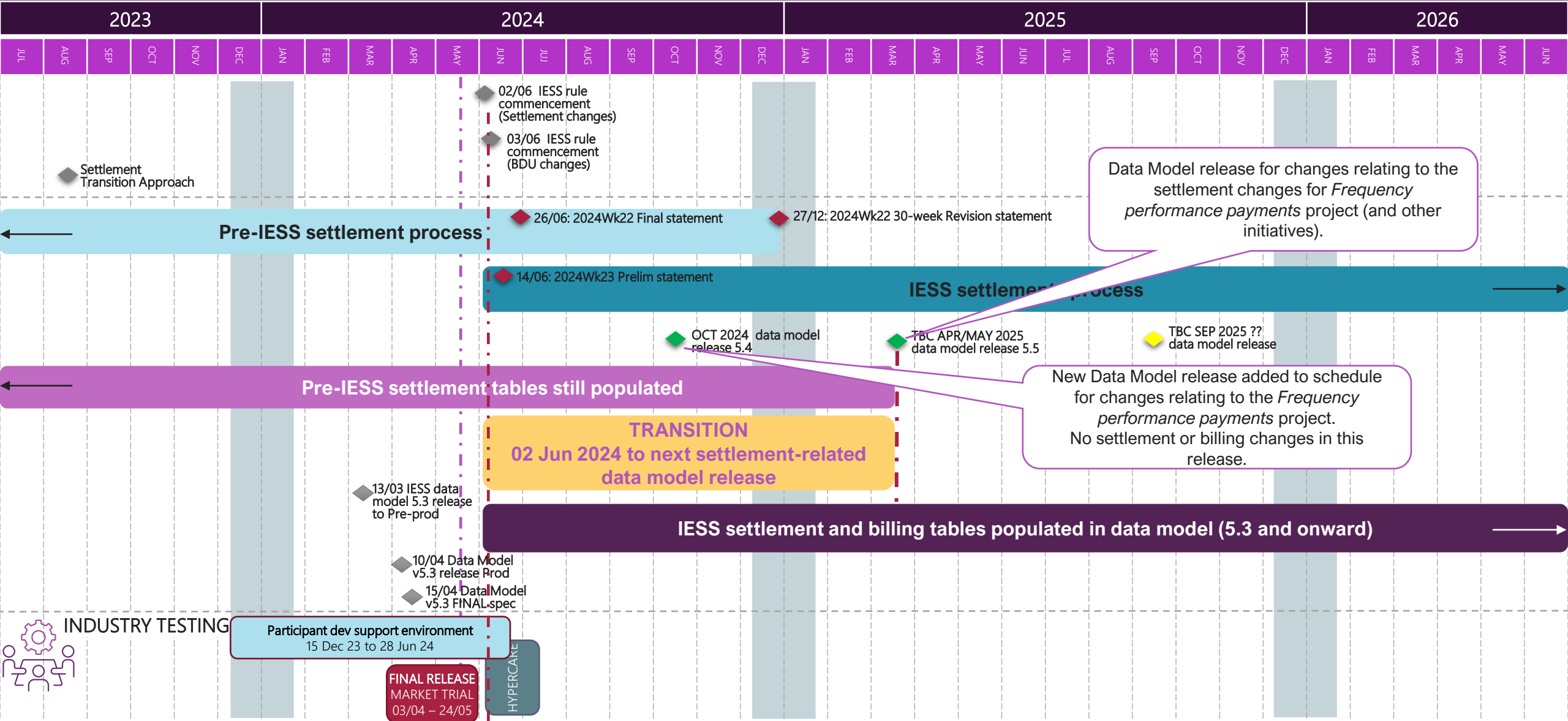
5. Production / Transition Changes

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
- MSUG meeting scheduled for 10 July provides opportunity for participant questions / discussion

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).

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



INDUSTRY TESTING
Participant dev support environment
15 Dec 23 to 28 Jun 24

FINAL RELEASE MARKET TRIAL
03/04 – 24/05

HYPERCARE

◆ 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. June 2024 Release

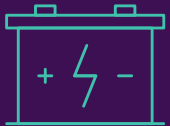
IESS June 2024 Updates



Go Live Summary



Market Trial Feedback



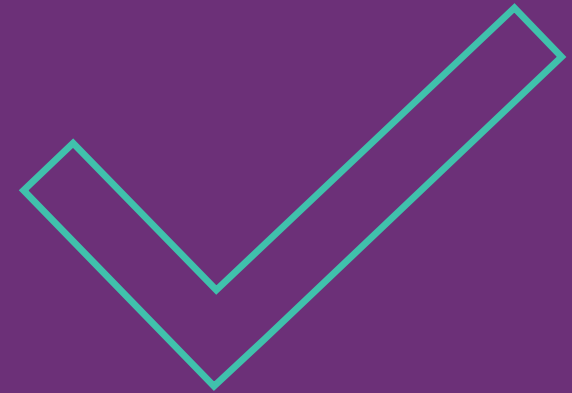
BDU Cutover Plan



Post Go Live Support / Hypercare Update

Go Live Summary

Emily Brodie



IESS high-level timeline



MSGA	Market small generation aggregator
FCAS	Frequency control ancillary service/s
IRP	Integrated resource provider
BDU	Bidirectional unit

- REFERENCES**
- [AEMC IESS rule change](#)
 - [AEMC Implementing IESS rule change](#)
 - [AEMO IESS High Level Design and Implementation Strawperson](#)
 - [AEMO IESS Participant Toolbox](#)

Market Trial Feedback

Greg Minney



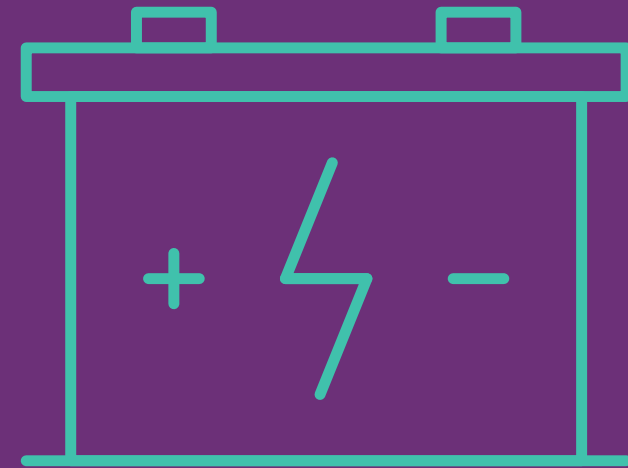
IESS Market Trial Feedback



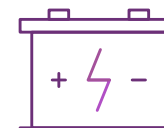
- Verbal feedback
 - AEMO received very positive feedback at the final daily standup. Key points:
 - Overall, the Market Trial was considered a success
 - Frequency of Q&As and standups was appropriate but a little repetitive
 - Practitest was an effective channel for sharing test scenarios and defects
- Formal feedback
 - AEMO only received 3 written responses on the Market Trial. Key Points:
 - Market Trial should have included transition day scenario for the SCADA file/data stream changes activities.
 - Q&As were useful for problem resolution due to presence of SMEs though more SME access at the beginning of the Market Trial would have been useful.
 - Issues with the timing of the preprod data cuts.
 - This meant that prelim reports couldn't be tested
 - There were also significant discrepancies between preprod and the equivalent production reports which made reconciliation time consuming. Advanced planning/communication of this will greatly assist in future market trials.
 - Some participants had already ingested daily settlement reports from the first few weeks of the settlement runs in their respective preprod systems limiting early testing.
 - Some bugs/environment issues were found in the PreProd that appeared to have slipped through the AEMO QA process.
 - Some frustration with response times and quality of responses to participant questions.
 - BDUs were excluded from the scope of Settlement scenarios.
 - URLs provided for documentation could not be found on some occasions
 - Pre-Prod test cases reused existing case IDs. This caused issues with foreign key constraints.
- Lessons learned on Phase 3 (BDU Cutover) of the Market trial was provided via the BDU Readiness focus group.

BDU Cutover Plan

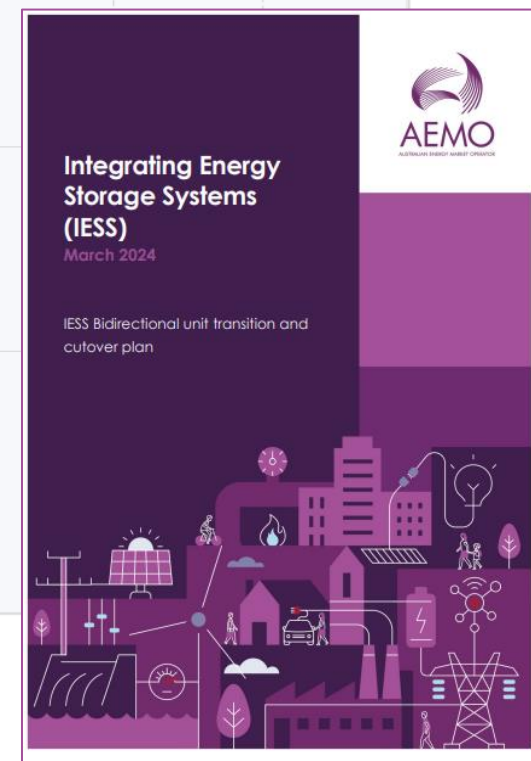
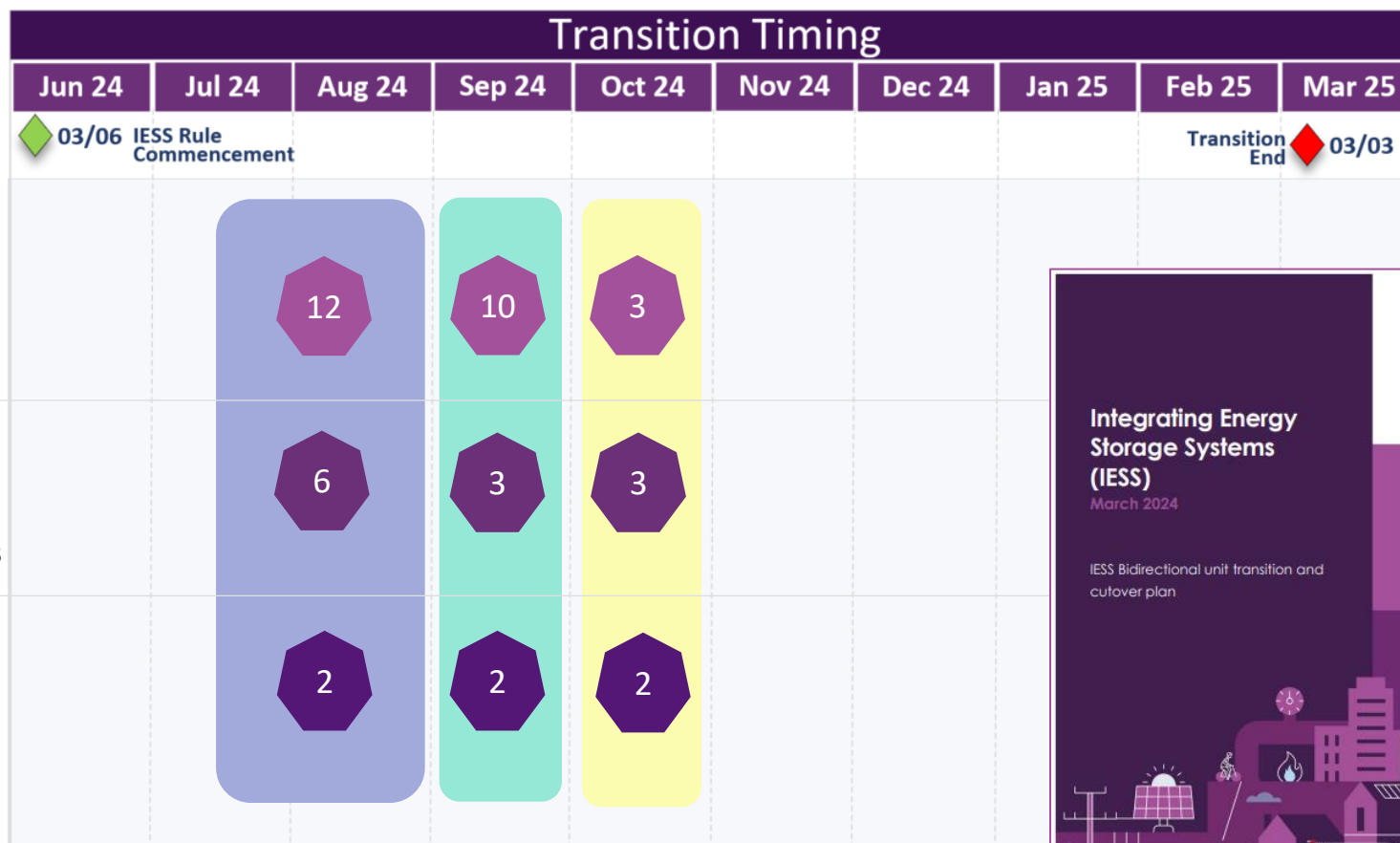
Emily Brodie



BDU transition on track



- Detailed [BDU cutover plan](#) developed with industry
- Many factors considered in development of cutover schedule e.g.
 - time of day,
 - day of week,
 - region,
 - operational matters,
 - Vendor/ participant preferences etc
- BDU cutover has been successfully tested with a pilot and in market trial
- Dedicated AEMO BDU cutover manager, **Alice Michener**, has been assigned to provide coordination between affected participants and AEMO.



Post Go Live Support / Hypercare Update

Emily Brodie



Hypercare & post go-live support



POST GO-LIVE SUPPORT ACTIVITY

Post go-live support

- Post go-live Q&A
 - Tue 4 June 2024: Supports NCC and IRP changes - COMPLETE
 - Wed 19 June 2024: Follows the first Prelim Settlement run after go-live (14 June) - COMPLETE
- Please follow BAU processes and raise system issues to support.hub@aemo.com.au
- Hypercare will be in place until 28 June 2024 to provide heightened support if any issues emerge because of the IESS June 2024 release.

BDU transition

- Wed 12 June: BDU readiness focus group - COMPLETE
 - Debrief on learnings from Phase 3 of IESS market trial
 - Prepare for BDU cutovers in production
- AEMO will maintain the BDU transition schedule
- Participants are requested to inform AEMO of any changes required to their allocated transition dates as soon as practicable.
- BDU transition and cutover enquiries and communications to be via NEMReform@aemo.com.au

PDSE closure

- PDSE will close on Fri 28 Jun 2024

IESS mailbox

- IESS mailbox IESS@aemo.com.au will remain open for the IESS hypercare period only, noting that:
- BAU enquiries to be via support.hub@aemo.com.au
 - NEM reform program queries to be via NEMReform@aemo.com.au
 - BDU transition and cutover enquiries and communications to be via NEMReform@aemo.com.au



IESS contact and information

The screenshot shows the AEMO website's 'Integrating Energy Storage Systems Participant Toolbox' page. The page features a navigation menu on the left with categories like 'Integrating Energy Storage Systems Project', 'Participant Toolbox', and 'BDU transition and cutover'. The main content area includes a title 'Integrating Energy Storage Systems Participant Toolbox', a description of the toolbox, and several featured sections: 'Bidirectional unit (BDU) transition and cutover' (highlighted with a callout), 'FAQs', '3 June 2024 release', and '2 June 2024 release'. The callout box is a green speech bubble pointing to the 'Bidirectional unit (BDU) transition and cutover' section, containing the text 'New section for BDU transition'.

New section for BDU transition

IESS project information	Participant toolbox
IESS market procedure updates	Indicative change program
Tech spec information	IT change & release management
BAU IESS queries	NEMReform@aemo.com.au
General IESS queries	Support.Hub@aemo.com.au

7. 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 – 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		Amber	Confirmed	Development timeframe extended. No impact to testing timeframe.
Level 2	RMI-205	Industry Test Strategy published	28-Jun-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	

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 (26 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. 	

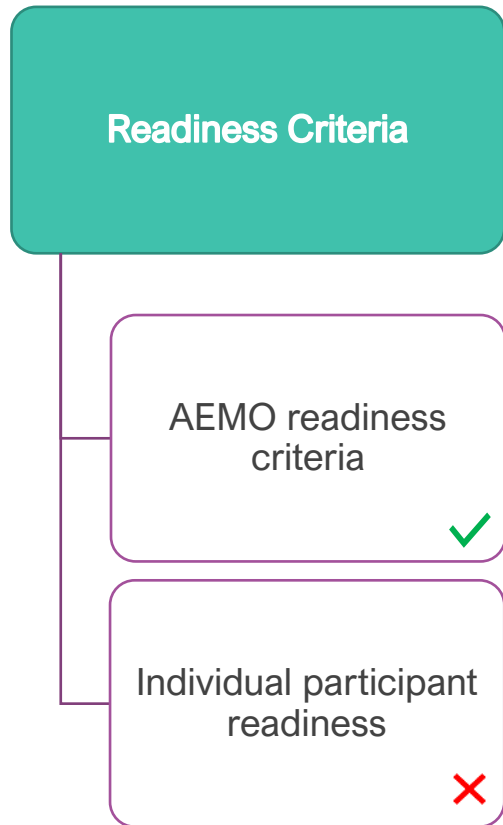
RMI Industry Testing Strategy

WHAT?	<p>ICF_054 Industry Testing</p> <ul style="list-style-type: none"> • 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. <p>ICF_072 Validation</p> <ul style="list-style-type: none"> • Participants to review provided reports utilising updated NSLP calculation
NEXT STEPS	<ul style="list-style-type: none"> • 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 • 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 will be published 20 June 2024
- AEMO welcomes feedback via NEMReform@aemo.com.au
- The Industry Test strategy will be included on the agenda at ITWG

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

8. October Release

October – SCADA Lite

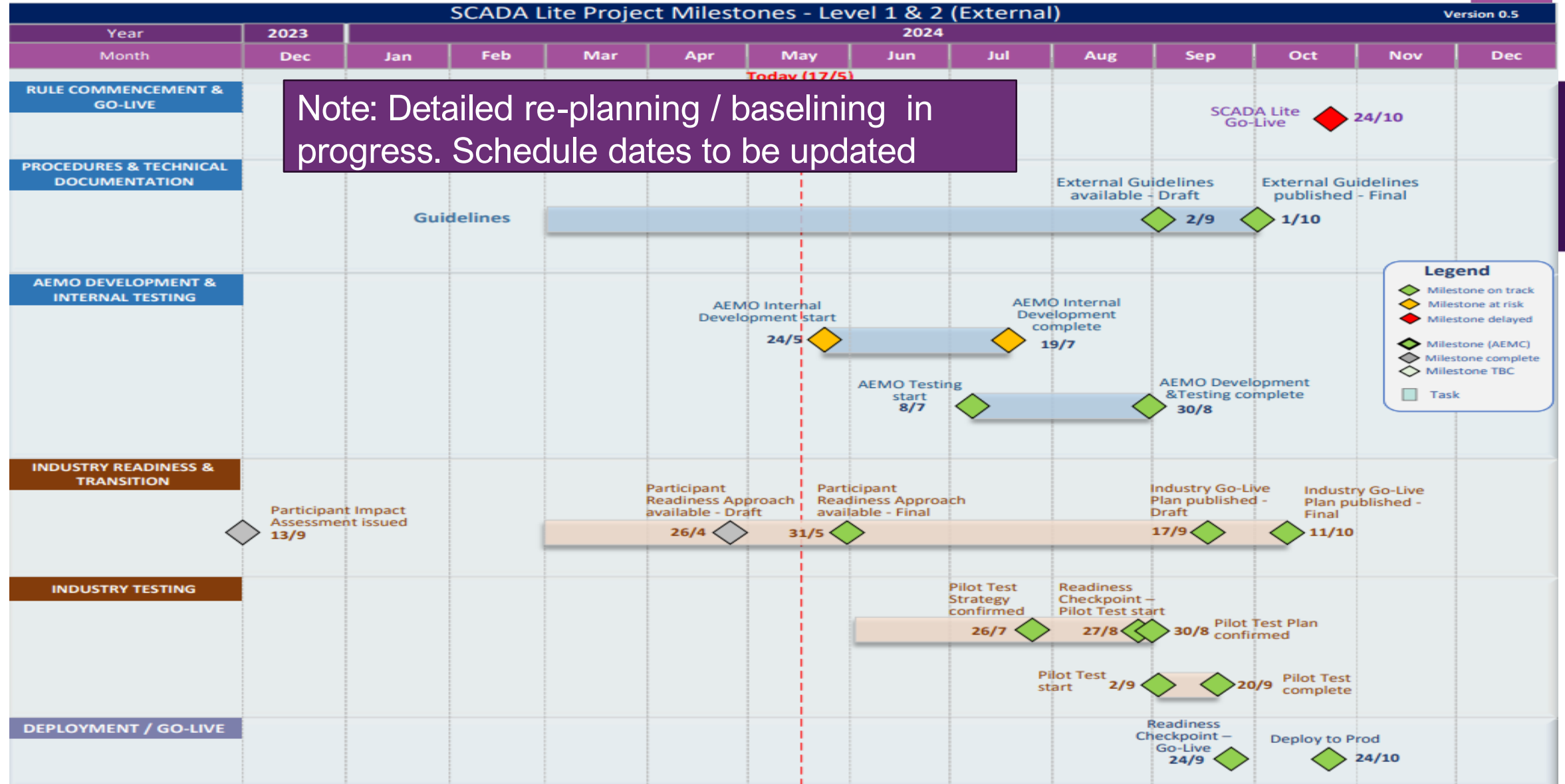
Greg Minney



SCADA Lite – Status Update

- AEMO detailed design completed which has identified further development requirements
- AEMO delivery timeline undergoing detailed planning exercises to accommodate the additional development requirements impacting deployment and go-live dates
- Note: Availability dates for the following being revised:
 - Pilot Test period
 - Technical “How-To” Guideline – prior to go-live
 - Readiness milestones

SCADA Lite Timeline



SCADA Lite – milestones

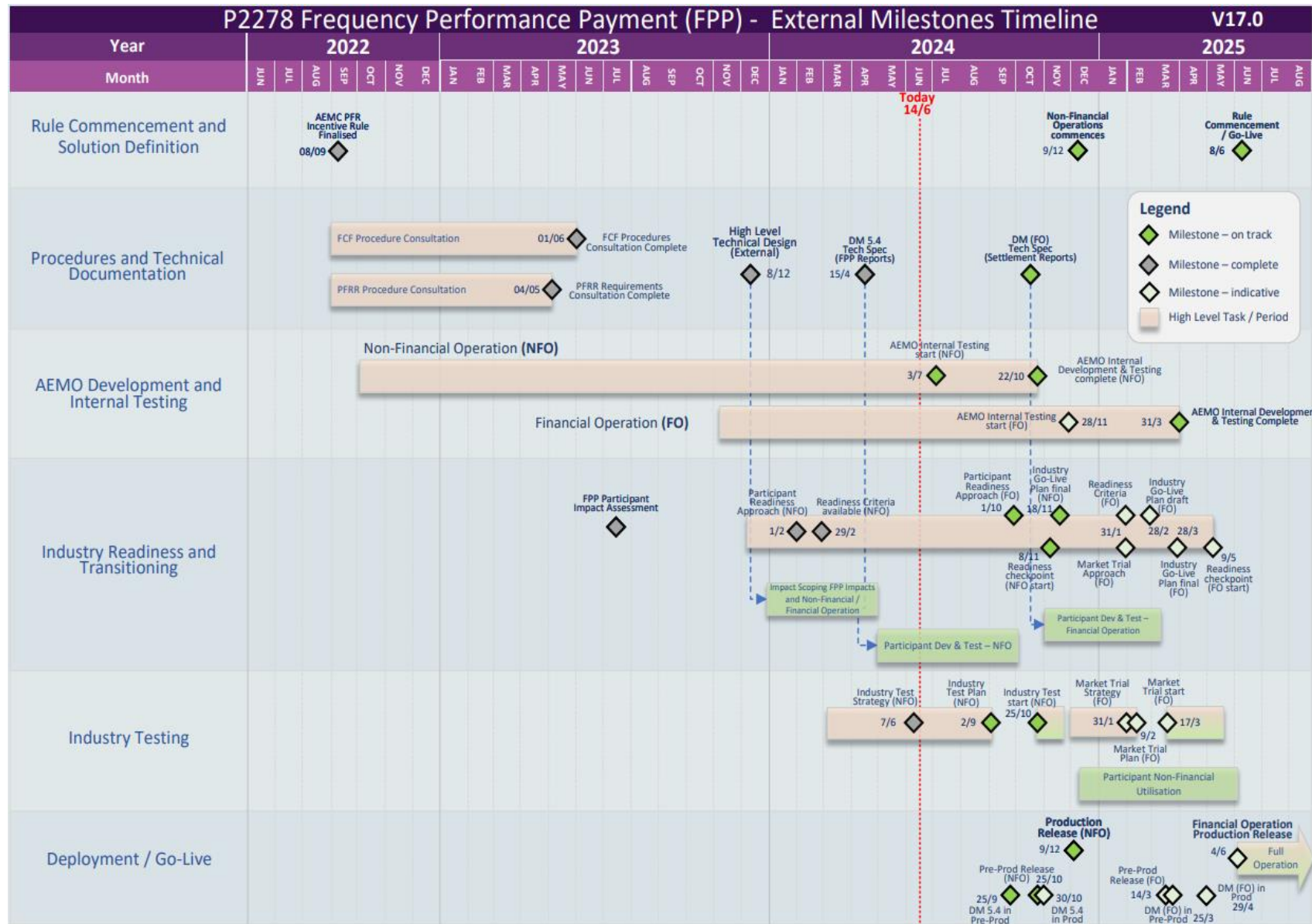
SCADA Lite Project - Level 1 & 2 Milestones (External)

ID	Level	Milestone	Project	Target Date	Expected Date	Status	RAG	Tentative / Confirmed	Comments
SCL-201	Level 2	Participant Impact Assessment issued	SCADA Lite	13-Sep-2023		Complete		Confirmed	
SCL-202	Level 2	Participant Readiness Approach available - Draft	SCADA Lite	23-Apr-2024	26-Apr-2024	Complete		Confirmed	
SCL-203	Level 2	AEMO development and internal testing commences	SCADA Lite	24-May-2024			Amber	Confirmed	PoC outcomes may impact the timeframes for build/configuration tasks
SCL-203	Level 2	Participant Readiness Approach available- Final	SCADA Lite	31-May-2024	28-Jun-2024		Amber	Confirmed	Milestone dates included in Readiness Approach will be confirmed when timeframes for delivery confirmed
SCL-204	Level 2	Participant Readiness and Go-live Criteria published	SCADA Lite	31-May-2024			Green	Confirmed	
SCL-205	Level 2	Pilot Test Strategy confirmed with participant	SCADA Lite	26-Jul-2024			Green	Confirmed	
SCL-101	Level 1	AEMO development and internal testing complete	SCADA Lite	30-Aug-2024			Green	Confirmed	
SCL-206	Level 2	Readiness Checkpoint - Pilot Test Start	SCADA Lite	27-Aug-2024			Green	Confirmed	
SCL-207	Level 2	External Guidelines available - Draft	SCADA Lite	2-Sep-2024			Green	Confirmed	
SCL-208	Level 2	Pilot Test Plan confirmed with participant	SCADA Lite	30-Aug-2024			Green	Confirmed	
SCL-102	Level 1	Pilot test period commences						Confirmed	
SCL-209	Level 2	Industry Go-live Plan published - draft						Confirmed	
SCL-103	Level 1	Pilot Test Complete						Confirmed	
SCL-210	Level 2	Readiness checkpoint - Go-live						Confirmed	
SCL-211	Level 2	External Guidelines published - Final	SCADA Lite	1-Oct-2024			Green	Confirmed	
SCL-212	Level 2	Industry Go-live Plan published - final	SCADA Lite	11-Oct-2024			Green	Confirmed	
SCL-104	Level 1	Production Release	SCADA Lite	24-Oct-2024			Red	Confirmed	Prod release at risk of delay due to PoC outcome impacts on build/config timeframes

Note: Detailed re-planning / baselining in progress. Schedule dates to be updated

9. December 2024 / June 2025 FPP Release

Frequency Performance Payments (FPP) Milestones Timeline



Progress Summary

- Overall project status **AMBER**.
- AEMO development in progress and due to be completed at the end of June. AEMO is replanning the delivery of some internal functionality.
- 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.
- The [Industry Test Strategy](#) was published on 7 June, and will be discussed at ITWG 30/6
- FPP Reporting Data model, EMM DM 5.4, was published 15 April 2024, see the [AEMO Tech Spec Portal](#).
- Participant impact assessment provided in [this presentation](#) based on industry workshops

FPP- External Milestones NFO (as at 14/6/24) - Delivery

FPP Project - Level 1 & 2 Milestones (External)

Level	Milestone ID	Milestone	Project	Target Date	Expected Date	RAG	Tentative / Confirmed	Commentary
Level 2	FPP-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		Green	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		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		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		Green	Confirmed	

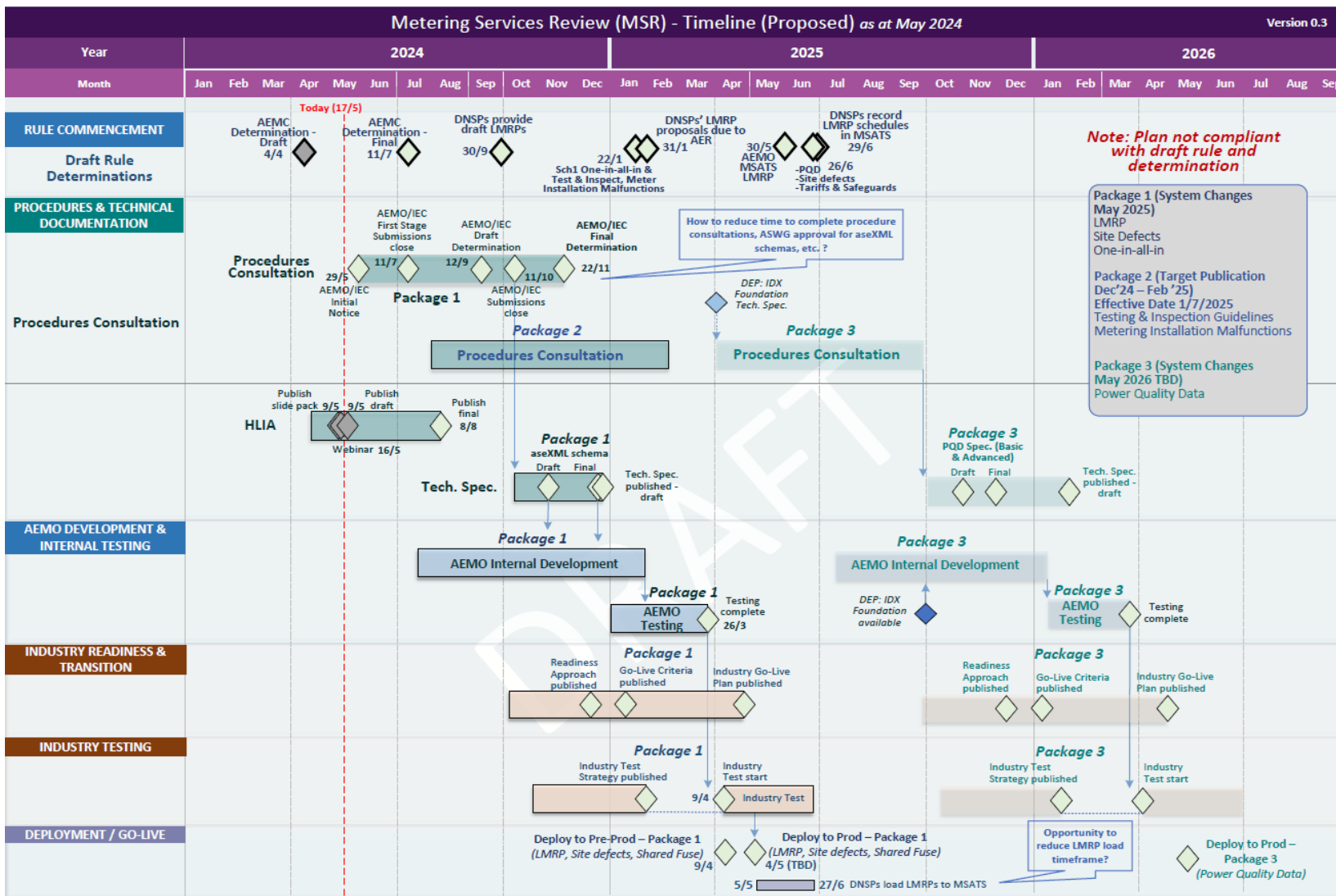
FPP- External Milestones FO (as at 14/6/24) - Delivery

FPP Project - Level 1 & 2 Milestones (External)							
Level	Milestone ID	Milestone	Project	Target Date	Expected Date	RAG	Tentative / Confirmed
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

10. Metering Services Review

Metering Services Review (MSR)

Indicative timeline



Metering Services Review Update:

A [keynote address](#) by AEMC Chair Anna Collyer on 12 June 2024 discussed pushing back the Accelerating Smart Meter Deployment final determination because of 'ongoing concerns for customers seeing unexpected changes to their tariffs when smart meters are installed.'

As a result, there is an expectation that the final determination may be delayed.

- At the time of publication, no formal notice has been communicated regarding adjusted timeframes.
- AEMO will progress with MSR activities in line with published timelines and assess if or when a delay is confirmed.

Metering Services Review Anticipated Consultation Approach Recap

Package 1 consultation published Wednesday 29 May 2024:

- **Business to Market**
 - Consultation regarding LRMP and Defects
- **Business to Business**
 - Consultation regarding Defects and One-in-all-in

Package 2 consultation to be published ~August 2024:

- **Business to Market**
 - Consultation regarding Asset Management Strategy Guideline and Malfunctions

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

- **Business to Market and Business to Business**
 - Consultation regarding Power Quality Data

11. Other Initiatives

Summary Notes regarding High Level Implementation Assessments (HLIA's)



Enhancing Reserve Information (ERI)

Oliver Derum

ERI June update

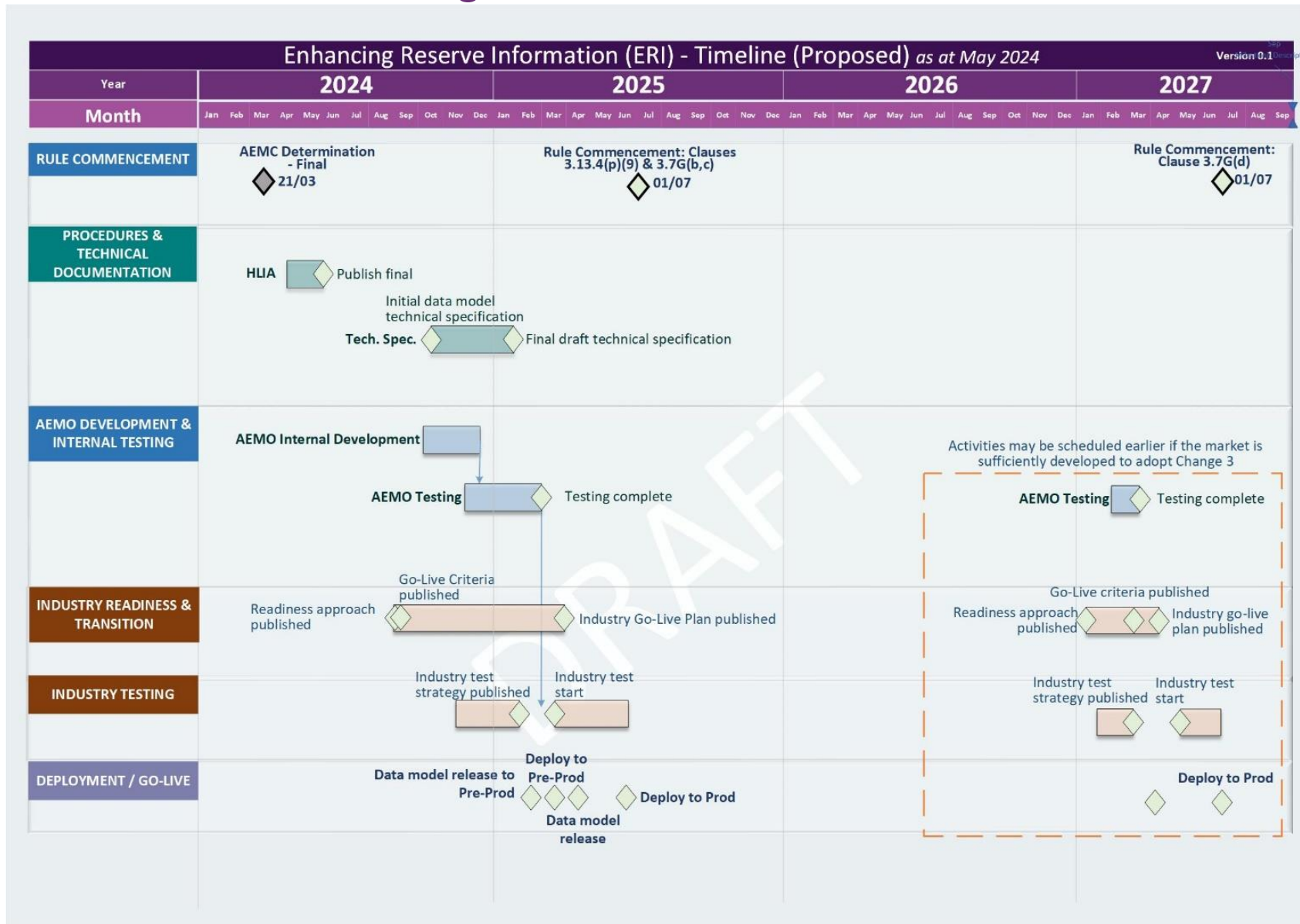
- The [Draft ERI High-level Implementation Assessment \(HLIA\)](#) was published on 7 June, with **comments invited for two weeks, until Friday 21 June.**
- The HLIA includes:
 - How AEMO intends to implement the changes, such as:
 - By publishing scheduled generator energy availability figures as part the Pre-Dispatch process, meaning more frequent and granular publication than the rules requirement, covering two days instead of one.
 - That AEMO intends to explore the commencement of real-time state of charge for batteries before 1 July 2027 in regions with enough competitors to enable aggregation to not reveal individual positions.
 - The changes to the participant data model (EMMS) and NEM Reports that will be made to publish the new data feeds.
 - Changes required (or to be further explored) to accommodate the concept of Maximum Storage Capacity in AEMO systems and processes.
 - Indicative key implementation dates.

Next steps

- Following the consideration of feedback, AEMO will publish a final HLIA.
- AEMO will continue to refine the design of the reform. Further engagement will be conducted via the Implementation Forum and other NEM Reform Program forums, as required.

ERI development and testing timeline

Subject to confirmation following comments received on the HLIA



Improving Security Frameworks (ISF) for the Energy Transition



Carla Ziser

ISF June update

- The first version of the ISF High-level Implementation Assessment (HLIA) was [published](#) on 31 May. Stakeholders may provide feedback via NEMReform@aemo.com.au
- AEMO is open to facilitating a stakeholder session on the HLIA, should interest be raised
- AEMO plans to release a second version of the HLIA in Q3 2024.

The HLIA includes:

- Likely impacted procedures.
- High level system impacts.
- Indicative key implementation dates

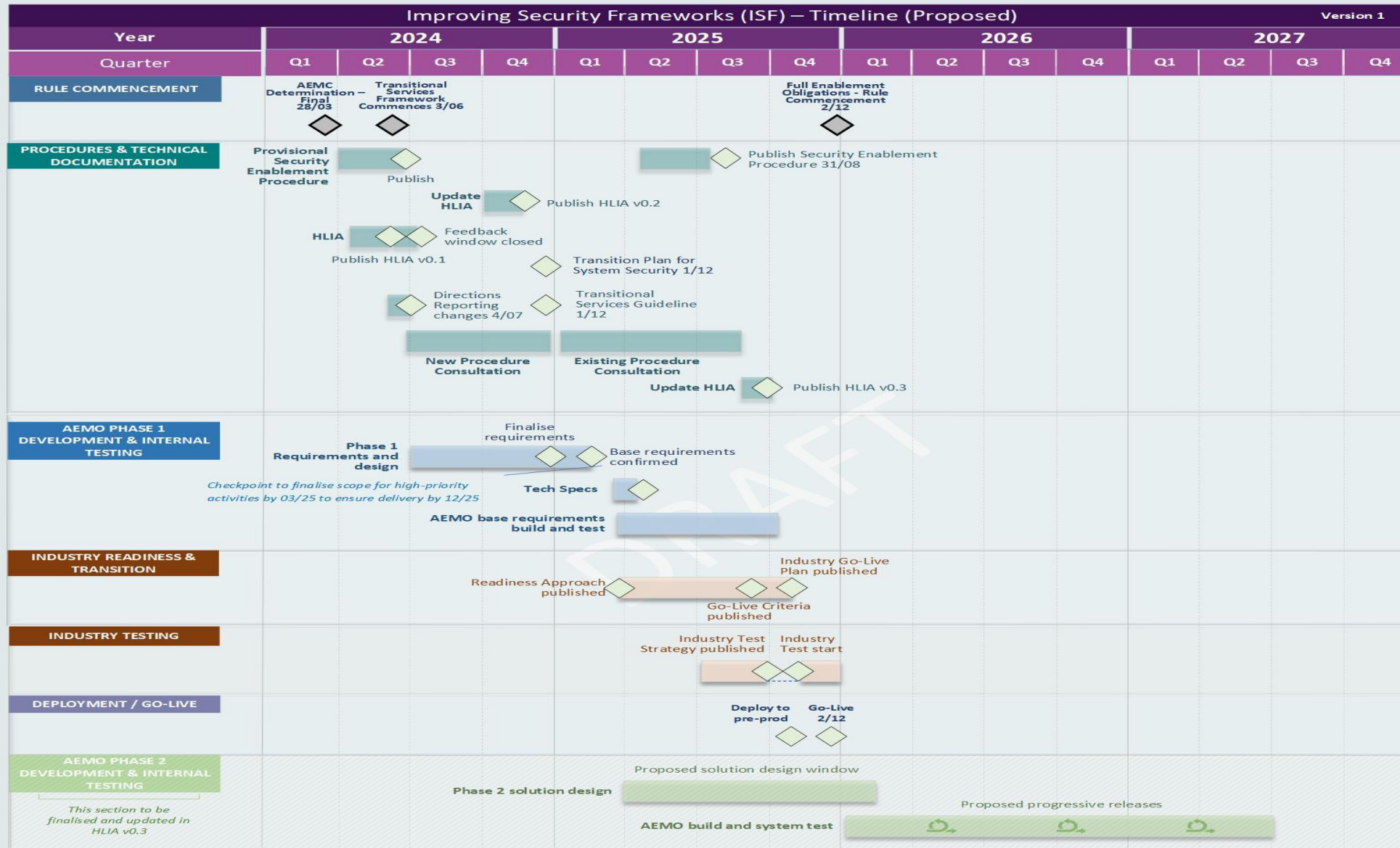
Next steps

- AEMO will release a provisional version of the Security Enablement Procedure by 30 June 2024.
- 4 July milestone for improved transparency of the Directions process



ISF project information	Initiative webpage
IESS changed procedures and documents	High level implementation assessment
ISF queries	NEMReform@aemo.com.au

ISF Indicative Timeline



Subject to confirmation following:

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

12. Stakeholder Engagement



Upcoming Engagements

For Noting

Upcoming Engagements

June						
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

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						

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

Other Forums

- Electricity Retail Consultative Forum

Other

- National Public Holiday
- State/Territory Public Holiday

13. General Questions & Other Business



NEMReform@aemo.com.au



[AEMO | Implementation Forum](#)



Testing and Development Support Environments

Greg Minney



Testing and development Support - Context

At the May Implementation forum, AEMO requested participant Feedback in regard environment context and support for:

- Participant development Support environment – Settlement and BDU Bidding
- Market Trial / Industry testing

Aim is to identify key areas for consideration in supporting future initiatives:

- Support key participant development activities
- Noting the need to balance supportability, timing and cost

Feedback received

- Only two responses were received.
 - One of the two respondents utilised the PDSE and both respondents used Preprod.
 - When should PDSE be set up for future initiatives?
 - Where a significant risk to industry is identified.
 - Complex development.
 - Compressed timeline or if industry identifies a need for additional testing.
 - When there is a potential conflict with Preprod registrations.
 - What extent, timing and functionality would be needed?
 - Early availability is important as it took a longer than expected time to connect to the AEMO PDSE.
 - the PDSE could be made available with basic functionality and data to allow time to connect and perform shakeout testing.
 - Is timing of availability or certainty of scope/ approach key factor in usage?
 - Scope is critical to usage. One participant didn't use the PDSE for IESS because the required settlement functionality (RM Integration) wasn't available.
- Other feedback
 - AEMO need to consider if sufficient support is available to answer PDSE questions and support the environment in a timely manner, that doesn't also impact AEMO's delivery timelines.
 - It would be good to have a permanent PDSE environment that could be made available in addition to Preprod and had more support for things like dummy BDUs or other functionality that may not be reflective of current registrations.
 - AEMO to consider a reference web page to provide the test data being used

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.