

NEM Reform Implementation Forum

Meeting #32

17 April 2025



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	1:10-1:15PM	2025 /2026 Release Summary	Greg Minney
4	1:15-1:20PM	Environment Activities & Timings <ul style="list-style-type: none"> Refresh timings 	Chris Fleming
5	1:20-1:35PM	June 2025 Release <ul style="list-style-type: none"> Frequency Performance Payments (FPP) <ul style="list-style-type: none"> Progress/Update Market trial Update Industry Go-live Plan SCADA Lite – progress update 	Ulrika Lindholm/ Chris Fleming Greg Minney
6	1:35-1:55PM	July 2025 Release <ul style="list-style-type: none"> Enhancing Reserve Information (ERI) <ul style="list-style-type: none"> Progress Update ST PASA Procedure and Recall Period <ul style="list-style-type: none"> Progress/Release/Timing/ Implications update ERI & ST PASA Recall Period go-live readiness checkpoint (3 months) 	Nicole Nsair

#	Time	Topic	Presenter
7	1:55-2:15PM	October 2025 Release <ul style="list-style-type: none"> Metering Services Review (MSR) <ul style="list-style-type: none"> Progress Update <ul style="list-style-type: none"> Consultation Update Readiness Approach 	Justin Stute Chris Fleming
8	2:15-2:25PM	December 2025 Release <ul style="list-style-type: none"> Improving Security Frameworks (ISF) for the Energy Transition 	Carla Ziser
9	2:25-2:30PM	IDX Foundation	Greg Minney
10		IDAM	For Noting
11	2:30-2:40PM	Upcoming Initiatives Summary Updates <ul style="list-style-type: none"> Flexible Trading Arrangements (FTA) Project Energy Connect Market Integration (PEC-MI) Shortened Settlement Cycles (SSC) Integrating Price Responsive Resources (IPRR) into the NEM Metering Services Review (MSR) <ul style="list-style-type: none"> PQD (Release 2) Cash for Credit <ul style="list-style-type: none"> Draft determination HLIA preparation 	Various
12	2:40-2:45PM	Stakeholder Engagement <ul style="list-style-type: none"> Upcoming Engagement 	Greg Minney
13	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

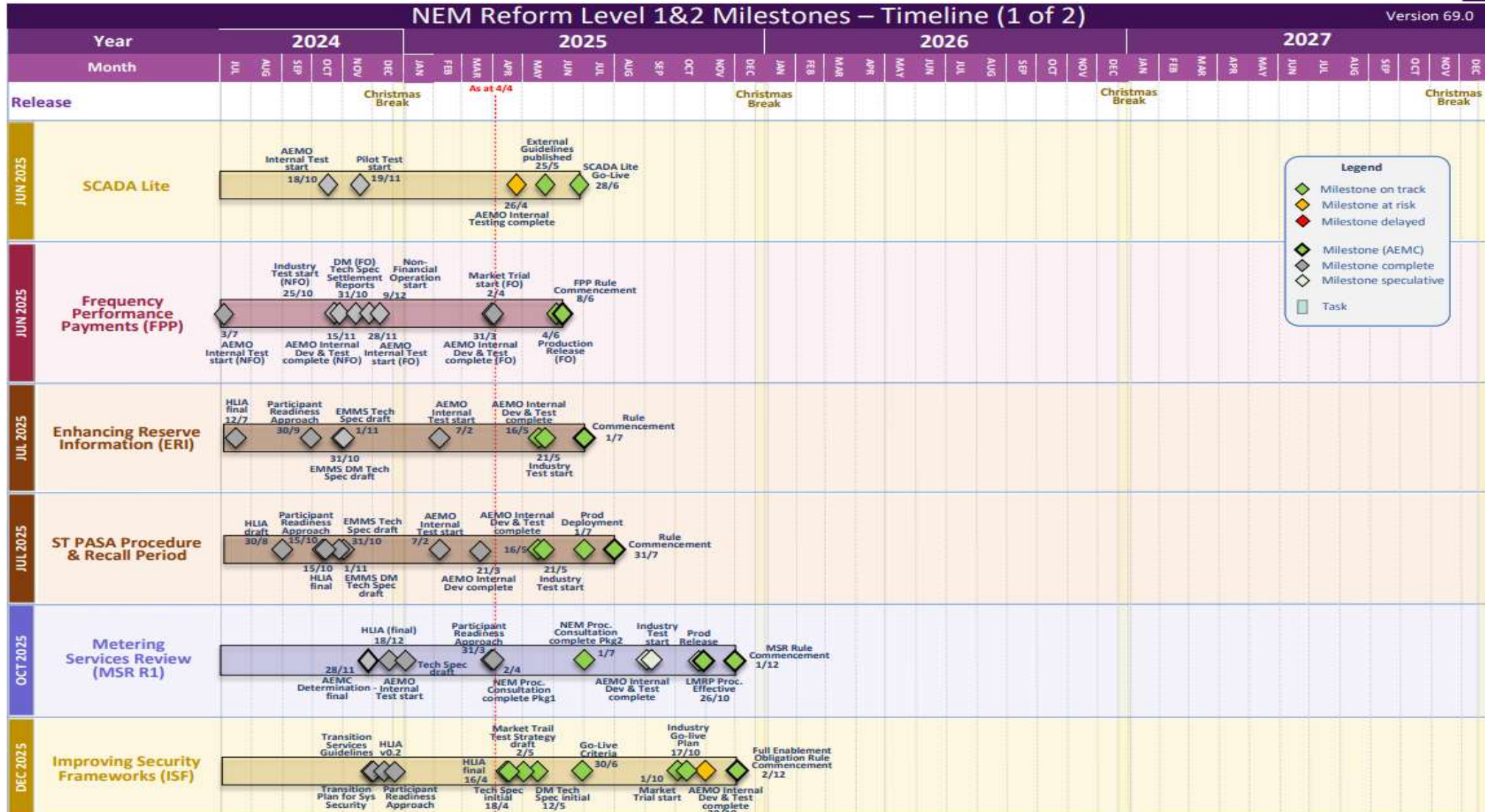
Actions

Item	Topic	Action	Responsible	Status
		No Actions from the previous meeting		

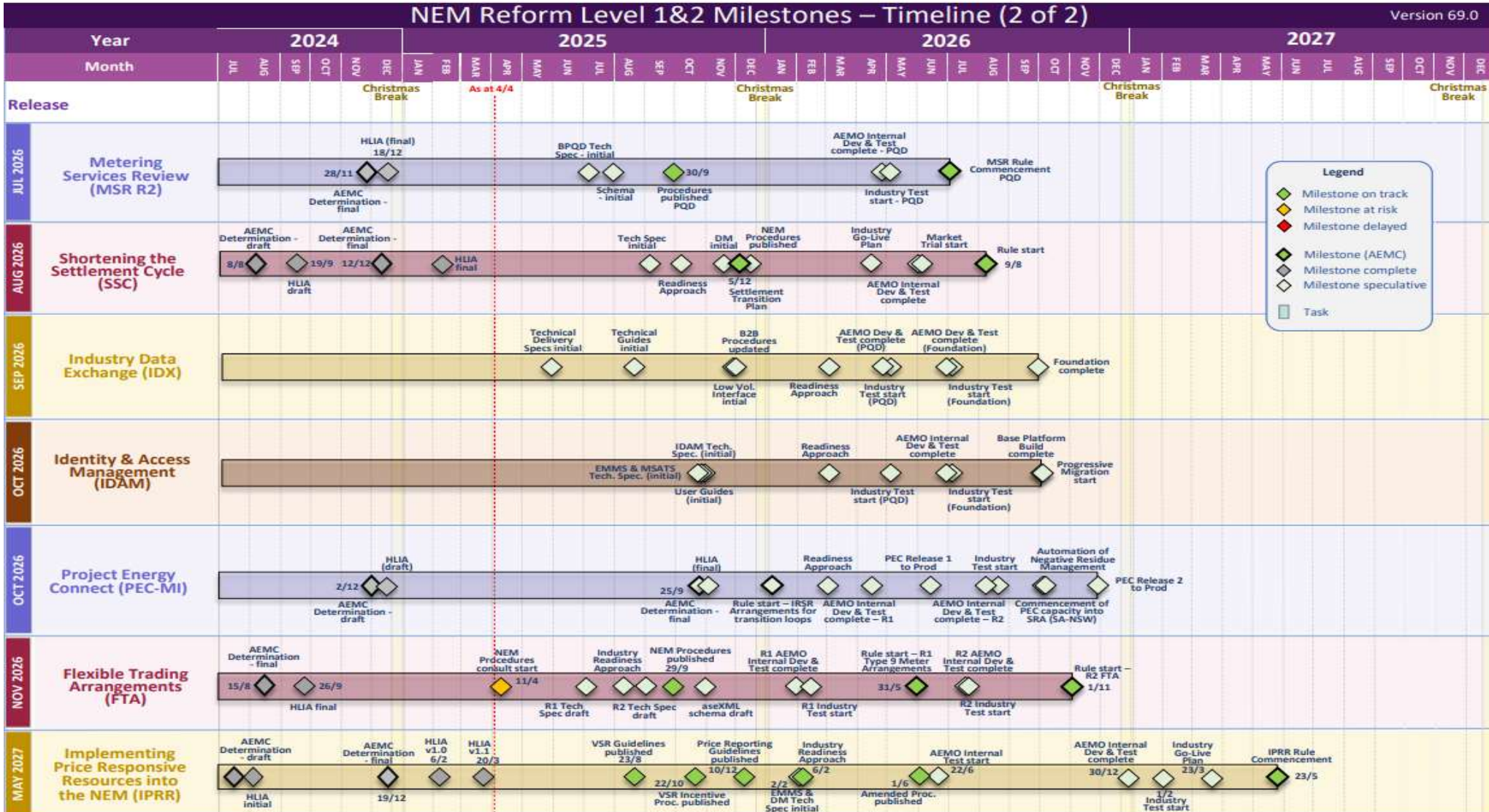
The latest meeting minutes and materials are available on the [Implementation Forum](#) webpage.

3. 2025 / 2026 Release Summary

Release Summary milestones 1/2



Release Summary milestones 2/2



4. Environment Activities & Timings

Environment Updates

Pre-prod refresh dates and outage timings for 2025

- Pre-prod planned maintenance for April is now complete.
- Pre-prod maintenance outage is planned for 6 May 13:00 to 17:00 AEST. No impact to the FPP Market trial schedule.
- Next pre-prod refresh has been scheduled for late Aug 2025 to support the ISF Market Trial.

Data Model updates

- Data Model 5.5 was deployed to Pre-Prod 25 March and is scheduled to be deployed in production 29 April.
- IESS settlements transition ends with this DM Release.
 - Legacy tables will no longer be available e.g. SETCPDATA, SETGENDATA, SETSMALLGENDATA. For a full list of discontinued reports please refer to the [EMMS - Technical Specification - Data Model v5.5 - April 2025](#).

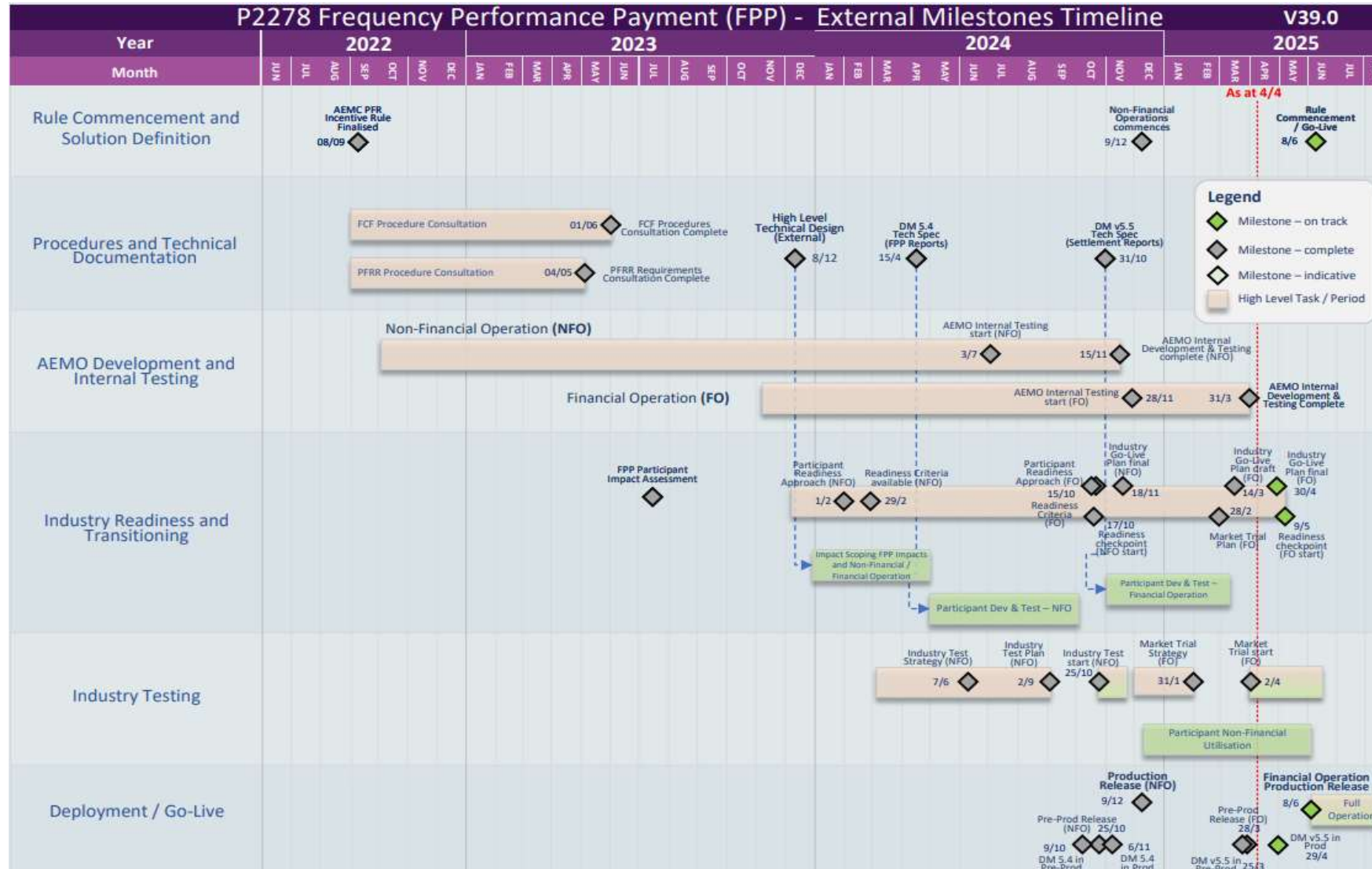
5. June 2025 Release

Frequency Performance Payments (FPP)

Ulrika Lindholm / Chris Fleming



Frequency Performance Payments (FPP) Milestones Timeline



Progress Summary

Overall project status **GREEN**

Settlements Release – FPP-FO

- Market Trial commenced 2 April 2025. Participants successful in upgrading to DM 5.5.
- 3-month Readiness Checkpoint results Green.
- [Draft Industry Go-live Plan](#) has been published. Final Go Live Plan to be published 30 April with minor updates.

FPP April Update

FPP-NFO

- NFO findings briefing held on 24 March - [presentation](#) available at FPP webpage
- Dashboard showing public FPP data for the previous 24 hours now available: [FPP dashboard](#)

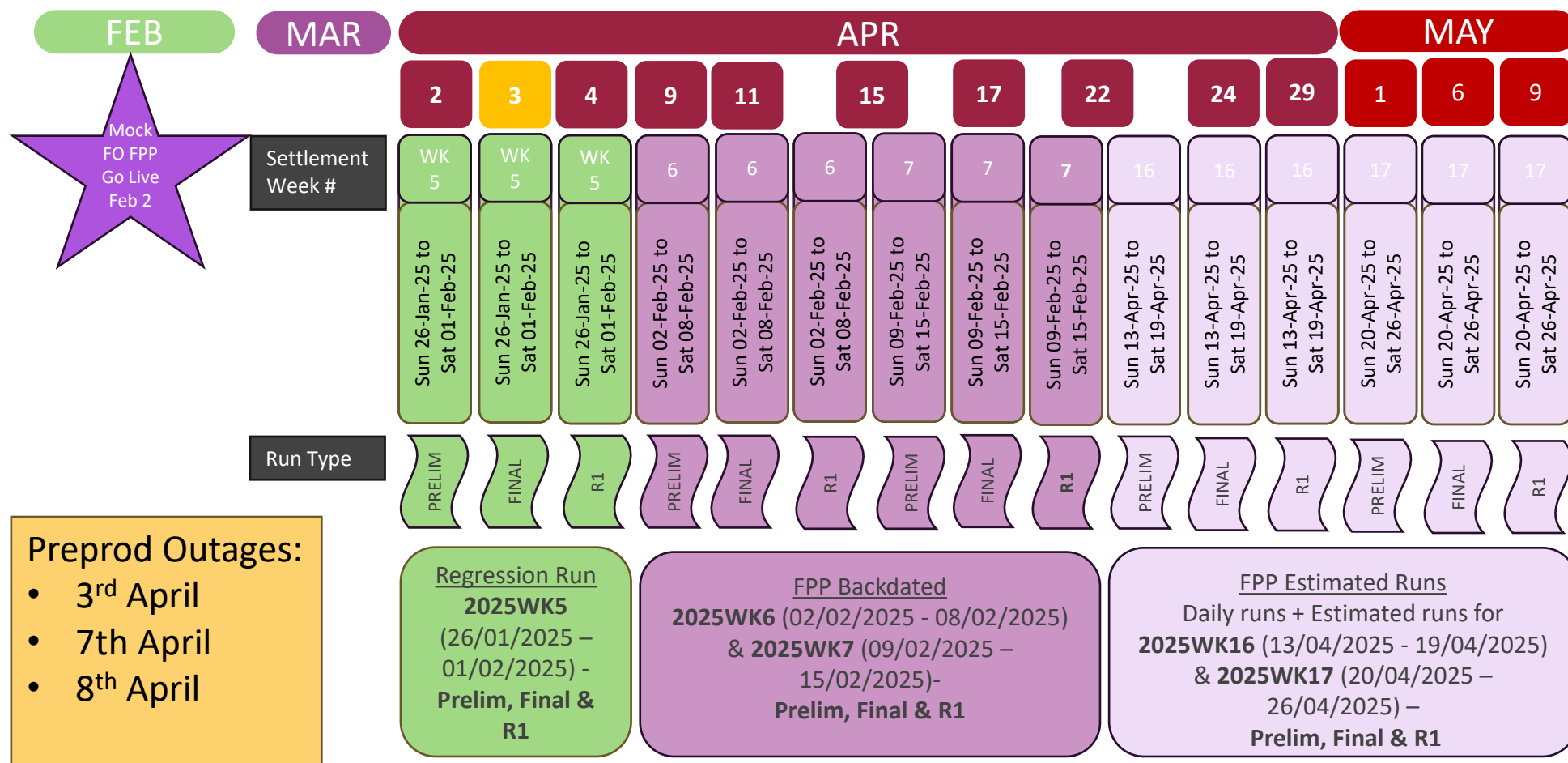
FPP-FO Update

- AEMO has received a ruling from the ATO confirming GST to be applied to FPPs, in alignment with approach taken in preparation for go-live.
 - AEMO is considering updates to external documentation to reflect ATO ruling and will inform participants of approach. Consultation not expected to be required.
 - No additional testing required
- AEMO [expedited consultation](#) on updates to the Frequency Contribution Factors Procedure (FCFP):
 - Deadline for feedback closed on 21 March. AEMO thanks participants for their consideration. No submissions were received.
 - Publication anticipated late April.
- AEMO has published a Settlements change summary to support understanding of how Settlements calculations will work with FPP data. AEMO presented the overview at FO Market Trial Q&A sessions in the week of 7 Apr. [Presentation](#) also available at FPP webpage.

FPP-FO Market Trial update

- Market Trial has commenced and will end 16th of May 2025.
- Minor changes required to the schedule due to the Pre-prod outages.
- 5.5 Data Model(DM) successfully deployed in Pre-prod. New FPP tables are populating, as expected.
- Several Participants have reported that they have successfully upgraded to DM 5.5.
- Baseline settlement runs have completed without issue.
- FPP Backdated Settlement runs are nearing completion (wk6 complete, wk7 in progress).
- There are no outstanding defects for FPP in Pre-prod as of 17 April.
- [Market Trial Strategy](#) published on 31 January.
- [Market Trial Plan](#) published 28 Feb.

FPP – Revised Market Trial Schedule



FPP-FO go-live plan

- Draft go-live plan published 14 March – no feedback received – Final to be published by 30 April. Direct questions to nemreform@aemo.com.au
- Final Causer Pays Factors will be published on 24th April, where factors will be applied for 11 May to 7 Jun 2025, prior to FO commencement on 8 June 2025.
- Billing Period for FPP commences Sunday 8 June:
 - First Preliminary Settlement run will be Friday 20 June
 - First Final Settlement run will be Wednesday 9 July

Date	AEMO Action	Participant Impact/Action
✓ 29 Apr 2025	EMMS Data Model 5.5 release to Production including scripts to install/upgrade the data model.	<ul style="list-style-type: none"> • No outage required. • Impacted Participants can upgrade their systems to EMMS Data Model v5.5. • Existing Participants are auto-subscribed to new files when they upgrade with the following exceptions: <ul style="list-style-type: none"> • NEXT_DAY_FPP • NEXT_DAY_FPPMW • NEXT_DAY_FPPMW2 • FPP_UNIT_MW (large volume) • SETTLEMENTS_EXTN • SETTLEMENTS_INIT • BILLING_INITIAL • For existing files, Participants need to subscribe to latest versions via the Data Model Mgr. • Check that all reports are set to 'active' in PDRMonitor.
4 Jun 2025	Deployment of FPP-FO release to Production including market reports	Check that all reports are set to 'active' in PDRMonitor.
8 June 2025	<p>AEMO notification that implementation of FPP is complete and FPP billing period commences.</p> <p>Note:</p> <ul style="list-style-type: none"> • Settlements data for 8 June (using estimated meter data) will be published to settlement data model tables for the first time from 1am Monday 9 June 2025 and available daily. • New tables, such as default calculations, required under certain circumstances only, will not be populated immediately. 	<ul style="list-style-type: none"> • No action – AEMO Communication only

FPP- External Milestones NFO (as at 10/4/25) - Delivery

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	Complete		Confirmed	
Level 2	FPP-222	Participant Readiness Approach (incl. Dev Support Reqmts) published	FPP-NFO	1-Feb-2024	1-Feb-2024	Complete		Confirmed	
Level 2	FPP-230	Readiness Criteria available (NFO)	FPP-NFO	29-Feb-2024	29-Feb-2024	Complete		Confirmed	
Level 2	FPP-217	Data Model 5.4 Tech Spec (FPP Reports)	FPP-NFO	15-Apr-2024	15-Apr-2024	Complete		Confirmed	Project resource to deliver confirmed
Level 2	FPP-227	Industry Test Strategy (NFO) published	FPP-NFO	7-Jun-2024	7-Jun-2024	Complete		Confirmed	
Level 2	FPP-212	AEMO Internal Testing commenced (NFO)	FPP-NFO	3-Jul-2024	3-Jul-2024	Complete		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	2-Sep-2024	Complete		Confirmed	
Level 2	FPP-233	Data Model 5.4 available in Pre-Prod	FPP-NFO	25-Sep-2024	9-Oct-2024	Complete		Confirmed	Deferred due to maintenance in Pre-Prod
Level 2	FPP-232	Readiness Checkpoint - Industry Test start (NFO)	FPP-NFO	15-Oct-2024	17-Oct-2024	Complete		Confirmed	
Level 2	FPP-225	Pre-Production Release (NFO)	FPP-NFO	25-Oct-2024		Complete		Confirmed	
Level 1	FPP-104	Industry Test start (NFO)	FPP-NFO	25-Oct-2024		Complete		Confirmed	
Level 2	FPP-234	Industry Go-Live Plan published - draft (NFO)	FPP-NFO	4-Nov-2024	22-Oct-2024			Confirmed	
Level 2	FPP-236	Readiness Checkpoint - Go-Live (NFO)	FPP-NFO	8-Nov-2024	17-Oct-2024	Complete		Confirmed	Combined with 17/10 checkpoint. On track for go-live
Level 2	FPP-238	Data Model 5.4 available in Prod	FPP-NFO	6-Nov-2024	6-Nov-2024	Complete		Confirmed	Rescheduled from 30/10 due follow on impact of maintenance in Pre-Prod, maintaining duration available in Pre-Prod
Level 1	FPP-103	AEMO Internal Development & Testing complete (NFO)	FPP-NFO	22-Oct-2024	15-Nov-2024	Complete		Confirmed	Complete except redevelopment of 4 external reports
Level 2	FPP-235	Industry Go-Live Plan published - final (NFO)	FPP-NFO	18-Nov-2024	18-Nov-2024	Complete		Confirmed	
Level 2	FPP-215	Industry Test finish (NFO)	FPP-NFO	22-Nov-2024		Complete		Confirmed	
Level 2	FPP-246	Production Release (NFO)	FPP-NFO	9-Dec-2024	9-Dec-2024	Complete		Confirmed	Will be completed prior to 9th of December
Level 1	FPP-105	Non-Financial Operations commences	FPP-NFO	9-Dec-2024	9-Dec-2024	Complete		Confirmed	

FPP- External Milestones FO (as at 10/4/25) - 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-218	Data Model (FO) Tech Spec (Settlement Reports)	FPP-FO	31-Oct-2024	31-Oct-2024	Complete		Confirmed	Shifted from 22/9 to align with other DM 5.5 initiatives
Level 2	FPP-214	Participant Readiness Approach published (Financial Operation)	FPP-FO	31-Oct-2024	15-Oct-2024	Complete		Confirmed	Shifted from 1/10 to remove overlap with NFO release considerations
Level 2	FPP-237	AEMO Internal Testing commenced (FO)	FPP-FO	28-Nov-2024		Complete		Confirmed	
Level 2	FPP-223	Market Trial Strategy published (Financial Operation)	FPP-FO	31-Jan-2025	31-Jan-2025	Complete		Confirmed	
Level 2	FPP-224	Readiness Criteria available (Financial Operation)	FPP-FO	31-Jan-2025	15-Oct-2024	Complete		Confirmed	
Level 2	FPP-246	Market Trial Plan complete (Financial Operation)	FPP-FO	28-Feb-2025		Complete		Confirmed	
Level 2	FPP-239	Industry Go-Live Plan published - draft (Financial Operation)	FPP-FO	14-Mar-2025		Complete		Confirmed	Updated from 3/3 to commence execution post DM availability
Level 2	FPP-240	Readiness Checkpoint (3 months) (Financial Operation)	FPP-FO	14-Mar-2025		Complete		Confirmed	
Level 2	FPP-241	Industry Development Finish (Financial Operation)	FPP-FO	15-Mar-2025		Complete		Confirmed	Participant driven development
Level 2	FPP-242	Data Model (FO) available in Pre-Prod	FPP-FO	25-Mar-2025		Complete		Confirmed	
Level 1	FPP-107	AEMO Internal Development & Testing complete (Financial Operation)	FPP-FO	31-Mar-2025		Complete		Confirmed	
Level 2	FPP-226	Pre-Production Release (Financial Operation)	FPP-FO	1-Apr-2025		Complete		Confirmed	Shifted from 14/3 to commence execution post DM availability
Level 1	FPP-108	Market Trial start (Financial Operation)	FPP-FO	2-Apr-2025		Complete		Confirmed	Shifted from 17/3 to commence execution post DM availability
Level 2	FPP-245	Data Model (FO) available in Prod	FPP-FO	29-Apr-2025			Green	Confirmed	
Level 2	FPP-243	Industry Go-Live Plan published - final (Financial Operation)	FPP-FO	30-Apr-2025			Green	Confirmed	
Level 2	FPP-244	Readiness Checkpoint - Financial Operation	FPP-FO	9-May-2025			Green	Confirmed	
Level 2	FPP-245	Market Trial finish (Financial Operation)	FPP-FO	20-May-2025			Green	Tentative	
Level 1	FPP-109	Production Release (Financial Operation)	FPP-FO	4-Jun-2025			Green	Confirmed	
Level 1	FPP-106	FPP Project Go-Live / Rule Commencement	FPP-FO	8-Jun-2025			Green	Confirmed	

SCADA Lite

Greg Minney





- Amber due to delays in system testing and production build progress. Road to green is achieving Technical Readiness by end April and then move forward with the most available version of software and patching to allow a seamless Service Transition.
- Go-live readiness checkpoint scheduled for 20 May 2025.
- Service guideline being developed and on track for 25 May 2025.
- SCADA lite Service available from 28 Jun 2025 for eligible participants to apply.

SCADA Lite – milestones

SCADA Lite - Level 1 & 2 Milestones (External)

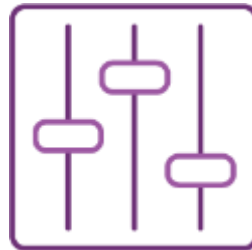
Level	Milestone ID	Milestone	Project	Target Date	Expected Date	Status	RAG	Tentative / Confirmed	Commentary
Level 2	SCL-201	Participant Impact Assessment issued	SCADA Lite	13-Sep-2023		Complete		Confirmed	
Level 2	SCL-202	Participant Readiness Approach available - Draft	SCADA Lite	23-Apr-2024	26-Apr-2024	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 2	SCL-208	Pilot Test Plan confirmed with participant	SCADA Lite	30-Aug-2024	24-Sep-2024	Complete		Confirmed	3 week delay, no flow on impact
Level 2	SCL-207	AEMO Internal Testing start	SCADA Lite	18-Oct-2024		Complete		Confirmed	
Level 2	SCL-206	Readiness Checkpoint - 3 month	SCADA Lite	29-Oct-2024	N/A	Complete		Confirmed	Checkpoint not conducted due to delivery schedule replanning
Level 1	SCL-102	Pilot test period commences	SCADA Lite	14-Nov-2024	19-Nov-2024	Complete		Confirmed	Pilot Test for network started
Level 2	SCL-210	Readiness checkpoint - Go-live (Comms)	SCADA Lite	13-Dec-2024	13-Dec-2024	Complete		Confirmed	
Level 1	SCL-101	AEMO development and internal testing complete	SCADA Lite	26-Apr-2025			Amber	Confirmed	Awaiting vendor patch to confirm defect resolution
Level 1	SCL-103	Pilot Test Complete	SCADA Lite	26-Apr-2025			Green	Confirmed	Pilot Test period extended to allow for participant readiness.
Level 2	SCL-211	External Guidelines published - Final	SCADA Lite	25-May-2025			Green	Confirmed	Extended to allow any minor guideline changes that are identified closer to go-live
Level 2	SCL-213	Readiness Checkpoint - Go-Live (1 month)	SCADA Lite	28-May-2025			Green	Confirmed	
Level 1	SCL-104	Production Release	SCADA Lite	28-Jun-2025			Green	Confirmed	To be re-assessed as part of production release re-schedule

6. July 2025 Releases



Enhancing Reserve Information (ERI)

Nicole Nsair



ERI April update

Overall project status **GREEN**

- UAT in progress and overall tracking to plan.
- 3-month readiness checkpoint assessed 10 April; results shared this pack.
- Draft ERI/ ST PASA Industry Go-live Plan available early May 2025.
- Updates to Schedule 3.1 form (bid and offer validation data) will not be available for the Industry Test but will be available for go-live.
- Q&A sessions for the Industry test will be scheduled twice weekly from 20 May to 17 June 2025

For further information including readiness activities and approach e.g. Industry Test Strategy, Industry Go-Live Plan, Q&A's and more, please refer to the [Enhancing Reserve Information page](#) and the [Final ERI and ST PASA Industry 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 industry test scope

ERI Industry Test Scope

- **Market Registration:**
 - Collect and maintain the Maximum Storage Capacity (MWh) data provided by participants to AEMO, subject to BAU timings.
- **Bids & Offers:**
 - Bidding System changes to the validation of bid Daily Energy Constraint, so that an energy bid is rejected if the Daily Energy Constraint \geq registered Max Capacity x 24 hours, with an error message reported to the participant.
 - Impacted participants to upgrade their software and be able to submit a 'NULL' value for Daily Energy Constraint, to indicate that their generator is not constrained.
 - Changes to support different CVP (constraint violation penalties).
- **Market Schedule / Dispatch:**
 - AEMO to calculate aggregated daily energy limits (total availability) for scheduled generators and BDUs that are not batteries.
 - Calculate aggregated State of Charge (SOC) by region for batteries.

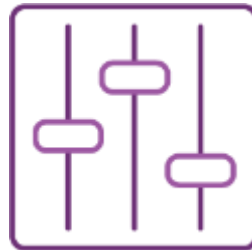
ERI Milestones

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

Level	Milestone ID	Milestone	Target Date	Expected Date	Status	RAG	Tentative / Confirmed
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-205	Industry Readiness Approach published	30-Sep-2024	30-Sep-2024	Complete		Confirmed
Level 2	ERI-206	Industry Go-Live Criteria published	30-Sep-2024	30-Sep-2024	Complete		Confirmed
Level 2	ERI-204	EMMS Data Model v5.5 Tech Spec published (initial)	31-Oct-2024	31-Oct-2024	Complete		Confirmed
Level 2	ERI-216	EMMS Tech Spec published (initial)	1-Nov-2024	1-Nov-2024	Complete		Confirmed
Level 2	ERI-209	Industry Test Strategy published	31-Jan-2025	31-Jan-2025	Complete		Confirmed
Level 2	ERI-207	AEMO Internal Development complete	21-Feb-2025	28-Jan-2025	Complete		Confirmed
Level 2	ERI-208	AEMO Internal Testing start	24-Feb-2025	7-Feb-2025	Complete		Confirmed
Level 2	ERI-212	EMMS Data Model 5.5 released to Pre-Production	25-Mar-2025	25-Mar-2025	Complete		Confirmed
Level 2	ERI-217	Readiness checkpoint - 3 months	11-Apr-2025			Green	Confirmed
Level 2	ERI-213	EMMS Data Model 5.5 released to Production	29-Apr-2025			Green	Confirmed
Level 2	ERI-210	AEMO Internal Development & Testing complete	16-May-2025			Green	Confirmed
Level 1	ERI-102	Industry Testing start	21-May-2025			Green	Confirmed
Level 2	ERI-211	Industry Go-Live Plan published	30-May-2025			Green	Confirmed
Level 2	ERI-218	Readiness checkpoint - 1 month	23-May-2025			Green	Confirmed
Level 2	ERI-215	Industry Testing complete	17-Jun-2025			Green	Confirmed
Level 2	ERI-214	EMMS Data Model v5.5 Tech Spec published (final)	17-Jun-2025			Green	Confirmed
Level 2	ERI-219	EMMS Tech Spec published (Final)	1-Jul-2025			Green	Confirmed
Level 1	ERI-103	Deployment to Production (Reporting)	1-Jul-2025			Green	Confirmed
Level 1	ERI-104	Rule Commencement (Reporting)	1-Jul-2025			Green	Confirmed

ST PASA Procedure & Recall Period

Nicole Nsair





AEMO



ST PASA Procedure & Recall Period April update

- Status **Green**
- All AEMO internal development and system testing now complete.
- UAT commenced as planned (2 releases).
- Draft ERI/ ST PASA Industry Go-live Plan for early May 2025.
- Industry Testing on track for 21 May 2025.
- Go live on track for 1 July 2025 (with ERI).
- Rule commencement 31 July 2025.

For further information including readiness activities and approach e.g. Industry Test Strategy, Industry Go-Live Plan, Q&A's and more, please refer to the [ST PASA Procedure and Recall page](#) and the [Final ERI and ST PASA Industry Readiness Approach](#).

ST PASA Procedure & Recall Period test scope

- ST PASA Recall Period test scope.
 - Bids & Offers
 - Participants will be able to supply Recall Period for the associated PASA availability for each trading interval via the normal bids.
 - Scheduled resources to be able to provide the Bid Max Avail, PASA Avail and Recall Period in the short-term time frame.
- Publish Market Data
 - Forecasts of the available capacity of individual scheduled generating plant, wholesale demand response unit and BDUs.
 - Forecasts of PASA availability for individual scheduled generating units, scheduled loads, scheduled network service providers and wholesale demand response units.
 - Load forecasts at a range of probability of exceedance levels.
 - Period to be covered by the short term PASA in each 30-minute period in at least the seven trading days from and including the day of publication.
 - At the end of the trading day, publish 'Recall Period' from all bids for the previous trading day.

ST PASA Recall Period Milestones

ST PASA Recall Period - Level 1 & 2 Milestones (External)							
Level	Milestone ID	Milestone	Target Date	Expected Date	Status	RAG	Tentative / Confirmed
Level 2	STP-201	HLIA published - draft	30-Aug-2024	30-Aug-2024	Complete		Confirmed
Level 2	STP-203	Procedure Consultation start	2-Sep-2024	2-Sep-2024	Complete		Confirmed
Level 2	STP-202	HLIA published - final	15-Oct-2024	17-Oct-2024	Complete		Confirmed
Level 2	STP-206	Industry Readiness Approach published	15-Oct-2024	17-Oct-2024	Complete		Confirmed
Level 2	STP-207	Industry Go-Live Criteria published	15-Oct-2024	17-Oct-2024	Complete		Confirmed
Level 2	STP-204	EMMS Data Model v5.5 published - initial	31-Oct-2024	1-Nov-2024	Complete		Confirmed
Level 2	STP-205	EMMS Technical Spec published - initial	8-Nov-2024	31-Oct-2024	Complete		Confirmed
Level 2	STP-210	Industry Test Strategy published	31-Jan-2025	31-Jan-2025	Complete		Confirmed
Level 2	STP-209	AEMO Internal Testing start	24-Feb-2025	7-Feb-2025	Complete		Confirmed
Level 2	STP-212	ST PASA Procedure published	24-Feb-2025	24-Feb-2025	Complete		Confirmed
Level 2	STP-208	AEMO Internal Development complete	21-Feb-2025	21-Mar-2025	Complete		Confirmed
Level 2	STP-211	EMMS Data Model v5.5 deployed to Pre-Production	25-Mar-2025	25-Mar-2025	Complete		Confirmed
Level 2	STP-213	Readiness checkpoint - 3 months	11-Apr-2025			Green	Confirmed
Level 2	STP-214	EMMS Data Model v5.5 deployed to Production	29-Apr-2025			Green	Confirmed
Level 1	STP-101	AEMO Internal Testing complete	16-May-2025			Green	Confirmed
Level 2	STP-215	Pre-Production deployment complete	20-May-2025			Green	Confirmed
Level 1	STP-102	Industry Test start	21-May-2025			Green	Confirmed
Level 2	STP-216	Industry Go-Live Plan published	30-May-2025			Green	Confirmed
Level 2	STP-218	Readiness checkpoint - 1 month	23-May-2025			Green	Confirmed
Level 2	STP-217	Industry Test complete	17-Jun-2025			Green	Confirmed
Level 2	STP-219	EMMS Data Model v5.5 published - final	1-Jul-2025			Green	Confirmed
Level 2	STP-220	EMMS Technical Spec published - final	1-Jul-2025			Green	Confirmed
Level 1	STP-103	Production Deployment complete	1-Jul-2025			Green	Confirmed
Level 1	STP-104	Industry Go-Live	31-Jul-2025			Green	Confirmed
Level 1	STP-105	ST PASA Recall Period - Rule Commencement	31-Jul-2025			Green	Confirmed

ERI & ST PASA Recall Period Go-Live Readiness checkpoint

For Noting

Go-live Readiness Checkpoint

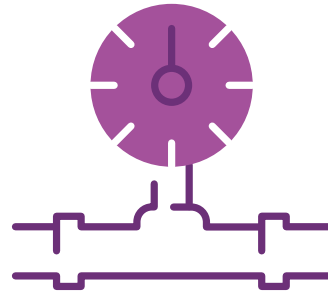
INITIATIVE:	ERI 1 Jul 2025	ST PASA Procedure and Recall Period 31 Jul 2025	SUMMARY STATUS: GREEN as of 10 Apr 2024
	GO-LIVE CRITERIA	GO-LIVE CRITERIA	COMMENTS
AEMO	<p>AEMO solution tested in-line with requirements for:</p> <ul style="list-style-type: none"> Registration, Bidding, Dispatch, NEM Reports and Data Model changes 	<p>AEMO solution tested in-line with requirements for:</p> <ul style="list-style-type: none"> Bidding, NEM Reports and Data Model changes. 	<p>Summary: Green</p> <ul style="list-style-type: none"> Overall, confirmed solution on track for industry test and go-live.
	<p>AEMO business:</p> <ul style="list-style-type: none"> Ready to operate <p>AEMO Digital:</p> <ul style="list-style-type: none"> Support in place 	<p>AEMO business:</p> <ul style="list-style-type: none"> Ready to operate <p>AEMO Digital:</p> <ul style="list-style-type: none"> Support in place 	<p>Overall: Green</p> <ul style="list-style-type: none"> Business change activities identified, in progress or scheduled and appropriately resourced. Overall, on track to support industry test and full operation.
INDUSTRY	<p>Participant readiness activity is not a pre-requisite for go-live.</p> <p>However, rule commencement may require impacted participants to make time system/process changes to comply with the rule commencement, 1 July 2025.</p>	<p>Participant readiness activity is not a pre-requisite for go-live.</p> <p>However, impacted participants are obligated to make system/process changes to comply with rule commencement, noting technical go-live is planned for 1 July 2025.</p>	<p>Overall: Green</p> <ul style="list-style-type: none"> Participant activities to meet their obligations are being supported by AEMO. Note: For ST PASA Recall Period, Participants will be able to provide post-31 July bidding data from 1 July technical go-live, prior to 31 July rule commencement.
CONTINGENCY	Contingency approaches developed and contingency actions proposed		Contingency approaches: Agreed contingencies being monitored.

7. October 2025 Release



Metering Services Review (MSR)

Justin Stute



Metering Services Review

On 28 November 2024, the Australian Energy Market Commission (AEMC) published the Accelerating Smart Meter Deployment (ASMD) final rule to achieve universal smart meter deployment in the NEM by 2030. The final rule introduces a package of reforms designed to accelerate the deployment of smart meters and unlock the benefits of smart meter data.

AEMO has created three consultations packages for this rule change:

Package 1: Acceleration

Package 2: Testing/Inspection and Malfunctions

Package 3: Power Quality Data

Metering Services Review – Package 1

AEMO published its [final determination](#) for Package 1 on the 2 April 2025.

Package 1 details:

- Legacy Meter Replacement Plan – the DNSP to populate a date against a new attribute in LMRP attribute in MSATS. Loading of this data to occur from 26 October to 27 November 2025
- Defects at the metering installation – MSATS to include the defect type of the metering installation and defect flag.
- Shared isolation – v3.9 of the IEC consultation considers the coordination requirements for shared isolation as well as the business-to-business changes to accommodate meter exchanges for LMRP sites and those sites with defects.
- Other matters – ICFs, RoLR and Embedded Network Settlement Anomalies

Metering Services Review – Package 2

AEMO published the issues paper for [Package 2](#) on 10 February.

Package 2 details:

- Development of an asset management strategy to reliably test metering installation accuracy and identify metering installation condition faults in a reasonable period, regarding costs and benefits to consumers.
- Modification to the Metering Installation Malfunction Exemption procedure and potential changes to the Metering Installation Exemption Guideline procedure for metering installation malfunctions to comply with the new requirements in the Final rule.

Metering Services Review – Package 2

Issues Paper Responses

Testing and Inspection

- Participants have questioned the need of a Procedure to a 'document'
- Sought more information about the new sample sizes and test points

Malfunctions

- Requested clarity from AEMO about what constitutes an exemption
- AEMO has had meetings with several participants about exemption process

Draft Determination due to be published at the end of April.

Metering Services Review – Package 3

AEMO published the issues paper for [Package 3](#) on 4 April.

Package 3 details:

- A new procedure for the delivery of Basic Power Quality Data from the Metering Coordinator to the DNSP
- Amendments to the Guide to the Role of the Metering Coordinator and Glossary and Framework Procedure.
- Effective date of the reform begins 1 July 2026

Metering Services Review – Technical Specification

AEMO published an update to the technical specification in February 2025 to include Package 2.

https://visualisations.aemo.com.au/aemo/web-techspecportal/Content/TSP_MSATS_Oct2025/MSATS_-_Technical_Specification_-_October_2025.pdf

[AEMO | aseXML r46 Draft Schema](#)

On Friday, 4 April 2025, the ASWG voted in favour of the draft aseXML_r46 schema.

- The draft passed technical testing and has been published on the AEMO website here: [AEMO | aseXML r46 Draft Schema](#)
- A two-week consultation period is now open, closing on Monday, 20 April 2025. During this time, participants are invited to submit any feedback on both the schema design and the business solution.

After the consultation closes, the ASWG will review submissions, make any necessary changes, and vote on the final version before it is published on the AEMO website.

The project is currently on track to publish the final version 24 April.

aseXML r46 – 26 October 2025

- r46 to be deployed to Production 26 October 2025
- From the effective date of the [MSATS Procedures v7](#), 26 October 2025, all participants impacted by the B2M Procedural change will be required to implement r46
 - NEM B2M
 - r46 will become the current/latest schema for B2M transactions
 - r44 will become superseded
 - r43 will no longer be supported
 - Moving to r46 will allow Participants to capture changes to the LMRP value set via BUT as per [MSATS Procedures v7](#)
 - B2M CRs referencing [MSATS Procedures v7.1](#) aseXML elements prior to 1 December 2025 will fail validation in MSATS
 - NEM B2B
 - r46 will become the current/latest schema for B2B transactions
 - r43 will become superseded
 - Transforms for r41 will no longer be supported
 - Prior to 1 December 2025 Participants can send r46 transactions with [B2B Procedures v3.9](#) elements only if supported under bilateral agreement

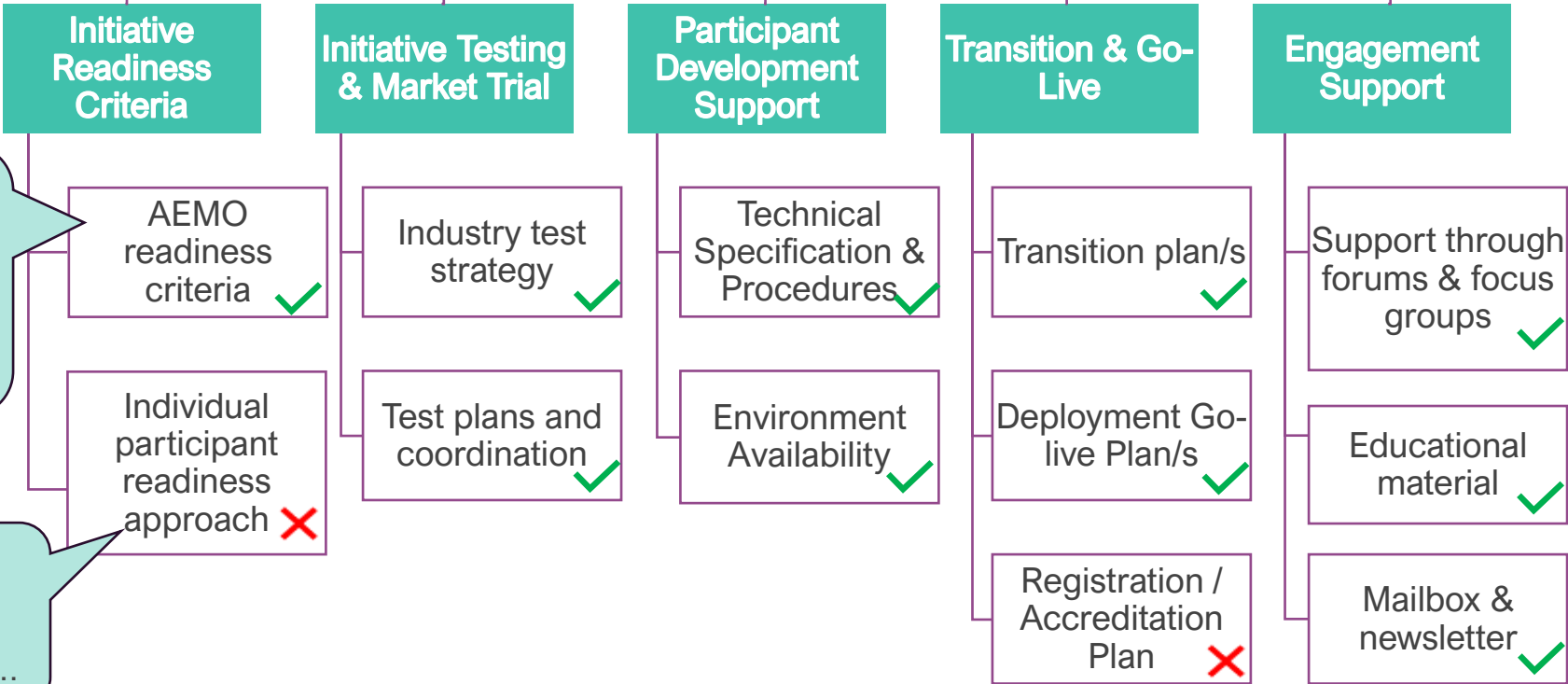
MSR industry readiness approach



NEM REFORM READINESS STRATEGY (ALL INITIATIVES)

MSR PACKAGES 1&2 READINESS APPROACH

MSR readiness approach adopts the standard NEM Reform program framework



AEMO solution needs to be 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 ...

RISK & CONTINGENCY MANAGEMENT ✓

INITIATIVE READINESS REPORTING ✓ & GO-LIVE CRITERIA MANAGEMENT ✓

MSR industry readiness approach

Individual participant readiness approach

- Individual participant (or participant category) readiness is not a dependency for go-live for MSR Packages 1 & 2.
- Participants using AEMOs Retail Systems may need to upgrade their systems and processes to comply with the rule change.

AEMO Readiness Criteria

- Business and technical readiness for both Packages 1 and 2 required for the October 2025 Release.

Industry Testing / Market Trial

- AEMO to develop an Industry Test Strategy and an Industry Test Plan. Test Plan will focus on the LMRP.
- Coordinated Industry test commencing 12 weeks prior to the Package 1 commencement date.
- Industry test will have 2 phases aligning to the production implementation approach. Initial phase to focus on loading LRMPs ahead of the Pre-prod go-live date. 2nd phase will follow the go-live date and will enable testing of the remainder of Package 1 and Package 2 changes.

Participant Development Support

- Procedures supported via normal channels, IEC (for elected/endorsed members), ERCF and MSUG.
- No requirement for a PDSE. Industry Testing will be conducted in Pre-prod and co-ordinated via the ITWG.

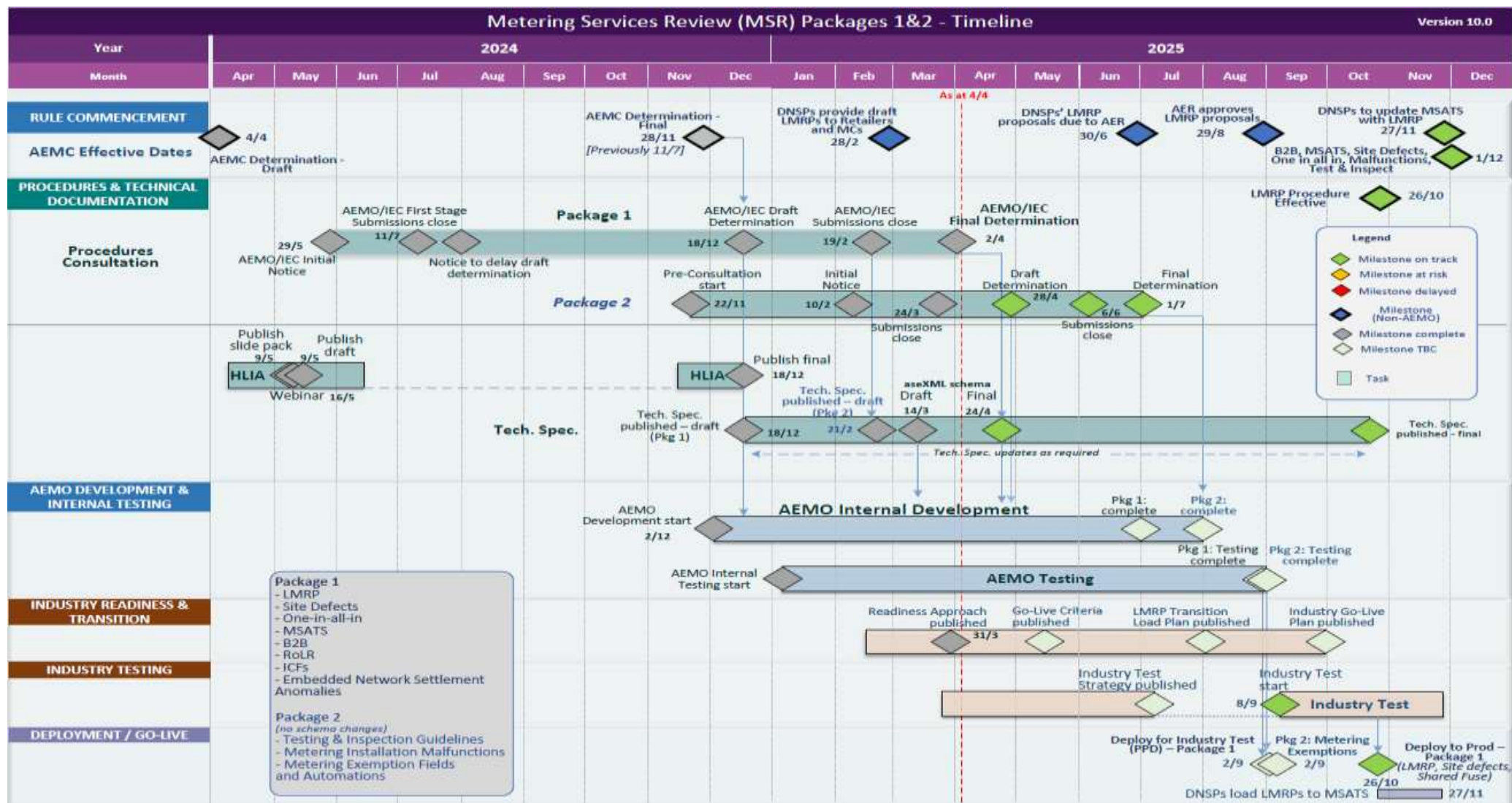
Transition and Go-live Planning

- AEMO will develop a Transition plan with the DSNPs for their respective Legacy Meter Replacement Plans (LRMPs).
- Combined Go-Live Plan will be developed in consultation with industry for MSR Packages 1&2.

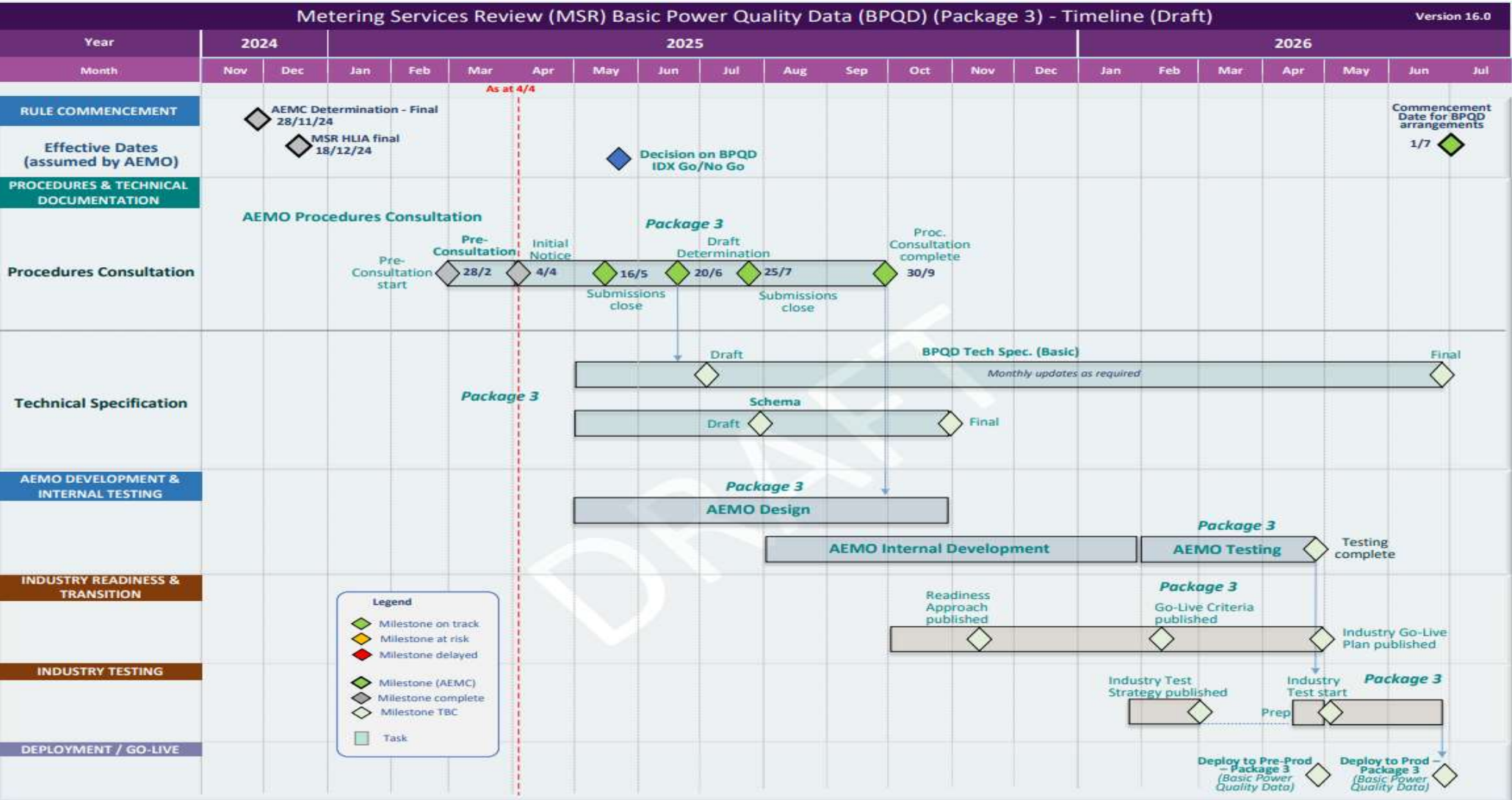
Engagement Support

- Planning to convene an LMRP Focus group to coordinate implementation of LRMPs.
- Twice weekly Q&A sessions will run for the duration of Industry Test.

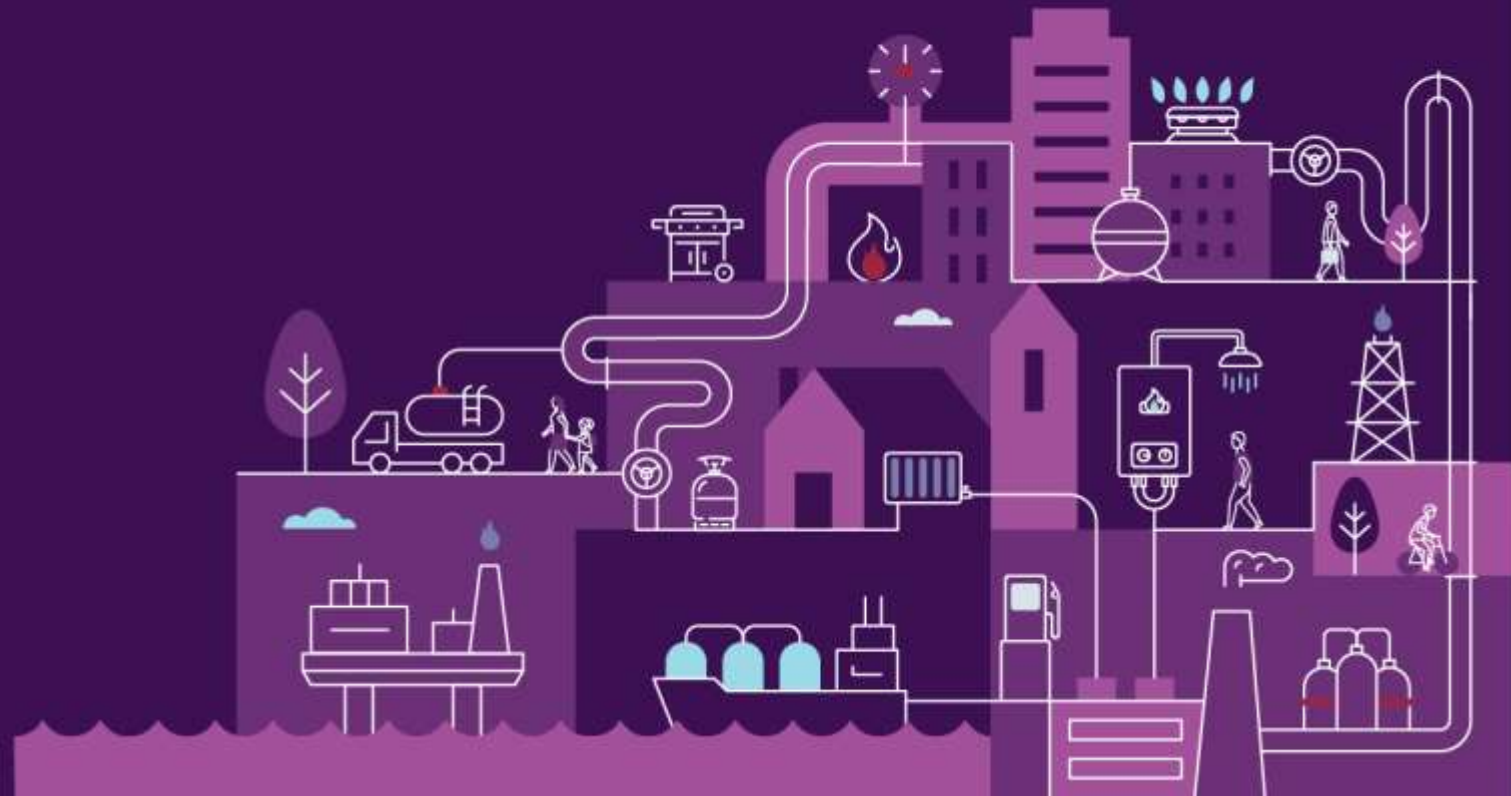
Metering Services Review Implementation Milestones – Package 1 & 2



Metering Services Review Implementation Milestones - Package 3 basic Power Quality Data



8. December 2025 Release

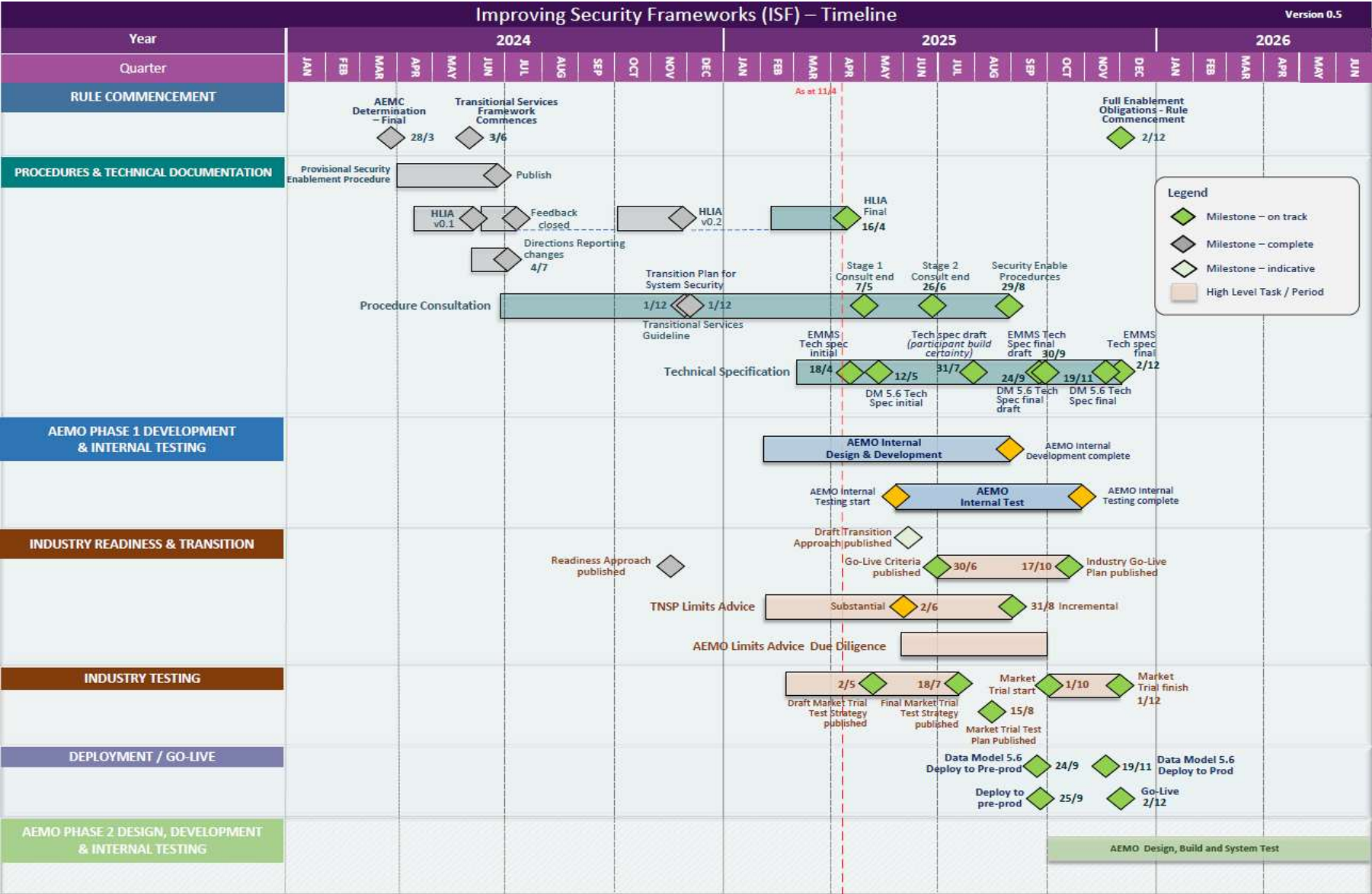


Improving Security Frameworks (ISF) for the Energy Transition

Carla Ziser



ISF Timeline



Progress Summary

Overall project status **AMBER**

- Re-baseline of project schedule complete.
- Delivery partner commercials complete and resources onboarded.
- A final HLIA is planned to be published 17 Apr 2025 with updates to implementation approach and Readiness Approach.
- Draft Market Trial Test Strategy under development, available 2 May 2025.

ISF April Update

Activities currently underway:

- AEMO's new Security Enablement Procedures (and associated updates to existing procedures) are out for consultation.
- Final HLIA on track to be published 17 April 2025
- Initial EMMS Technical Specification on track to be published 18 April 2025
- Concurrently, AEMO are progressing with internal design and development

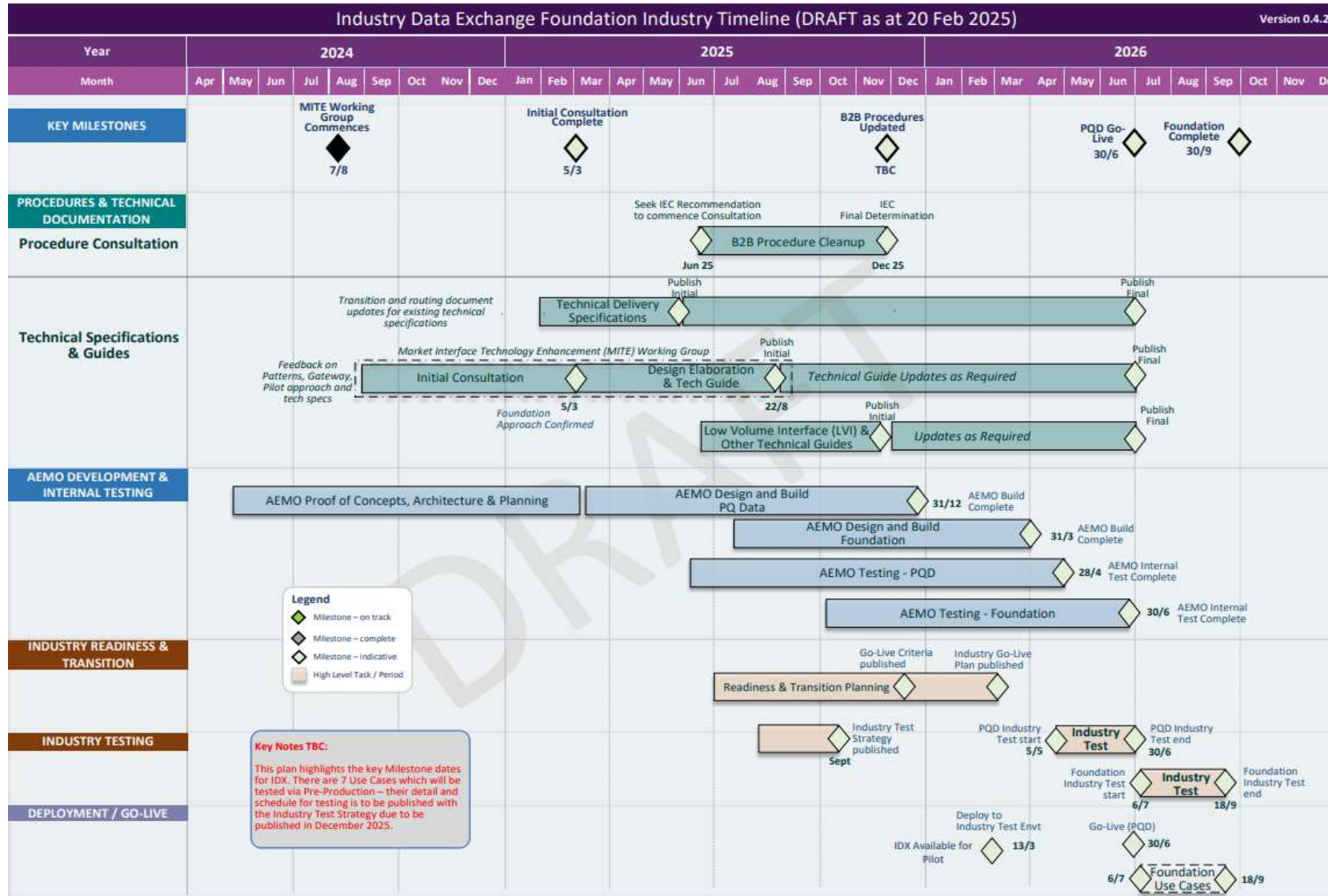
Implementation complexity & compressed timelines:

- Re-planning and prioritisation of effort are complete, with actions in place to recover the schedule. AEMO's approach to these activities have the minimisation of market implementation impact at the forefront.
- Reported risk of compressed development timeframes and delivery complexity remains.
- Re-planning activity have returned external milestones for Initial tech spec and Draft market trial strategy to green.
- Coordination is underway between AEMO and TNSP's to support mitigation of implementation risks.
- As a result of replanning and reprioritisation activities, the overall status is now amber, reflecting the issues and risks primarily due to a compressed delivery timeframe.

9. IDX Draft Implementation Schedules



IDX Plan on a Page - draft



Progress Summary

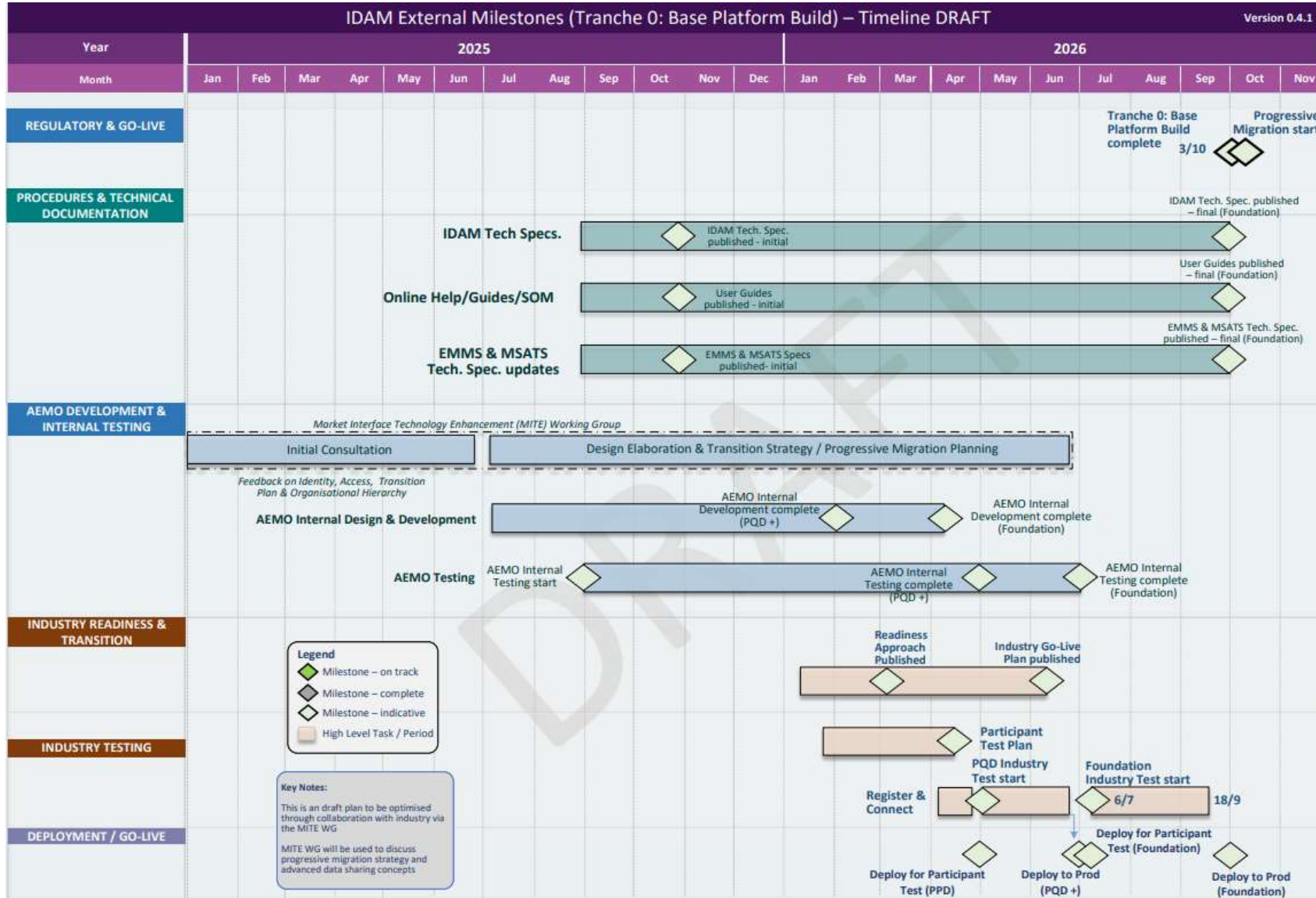
Overall project status **AMBER**

- IDX is progressing and remains on target to provide initial draft tech specs by end of May.
- AEMO will continue to engage with MITE WG and look to provide an update by mid May.

10. IDAM MITE WG Dates



IDAM Plan on a Page - draft



Progress Summary

Overall project status **RED**

- Overall status Red due to outstanding vendor engagement delaying completion of initial design and implementation planning
- Remaining working group dates for remaining sessions to be scheduled

11. Upcoming Initiatives



Flexible Trading Arrangements (FTA)

For Noting



Flexible Trading Arrangements

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

- Introduction of an '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 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:

- Rule Effective Dates
 - 31 May 2026 for Type 9 metering installations
 - 1 November 2026 for remainder of the reform
- AEMO Workshop Dates:
 - DNSPs - 23 October 2024 (Completed)
 - Retailers - 7 November 2024 (Completed)
 - MCs/MPs/MDPs - 20 November 2024 (Completed)
 - End to End industry discussion 18 February 2025 (Completed)

Next Steps

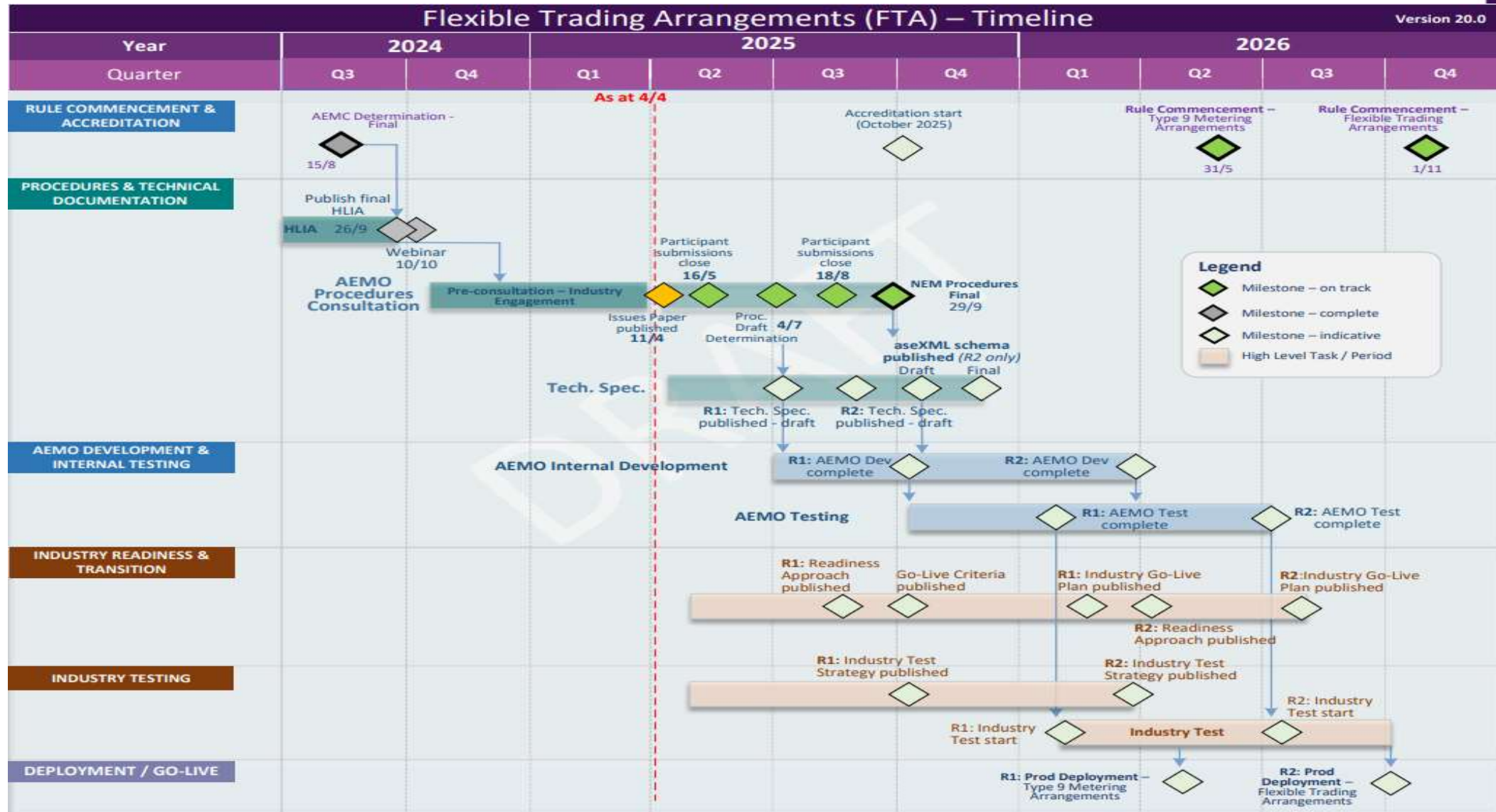
Consultation dates

- April 2025: Issues Paper
- September 2025: Final Determination

Rule Effective Dates

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

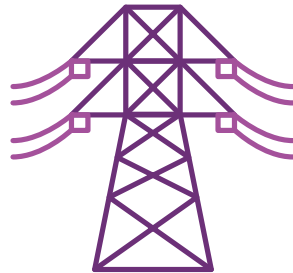
Flexible Trading Arrangements



Project Energy Connect Market Integration (PEC-MI)



For Noting

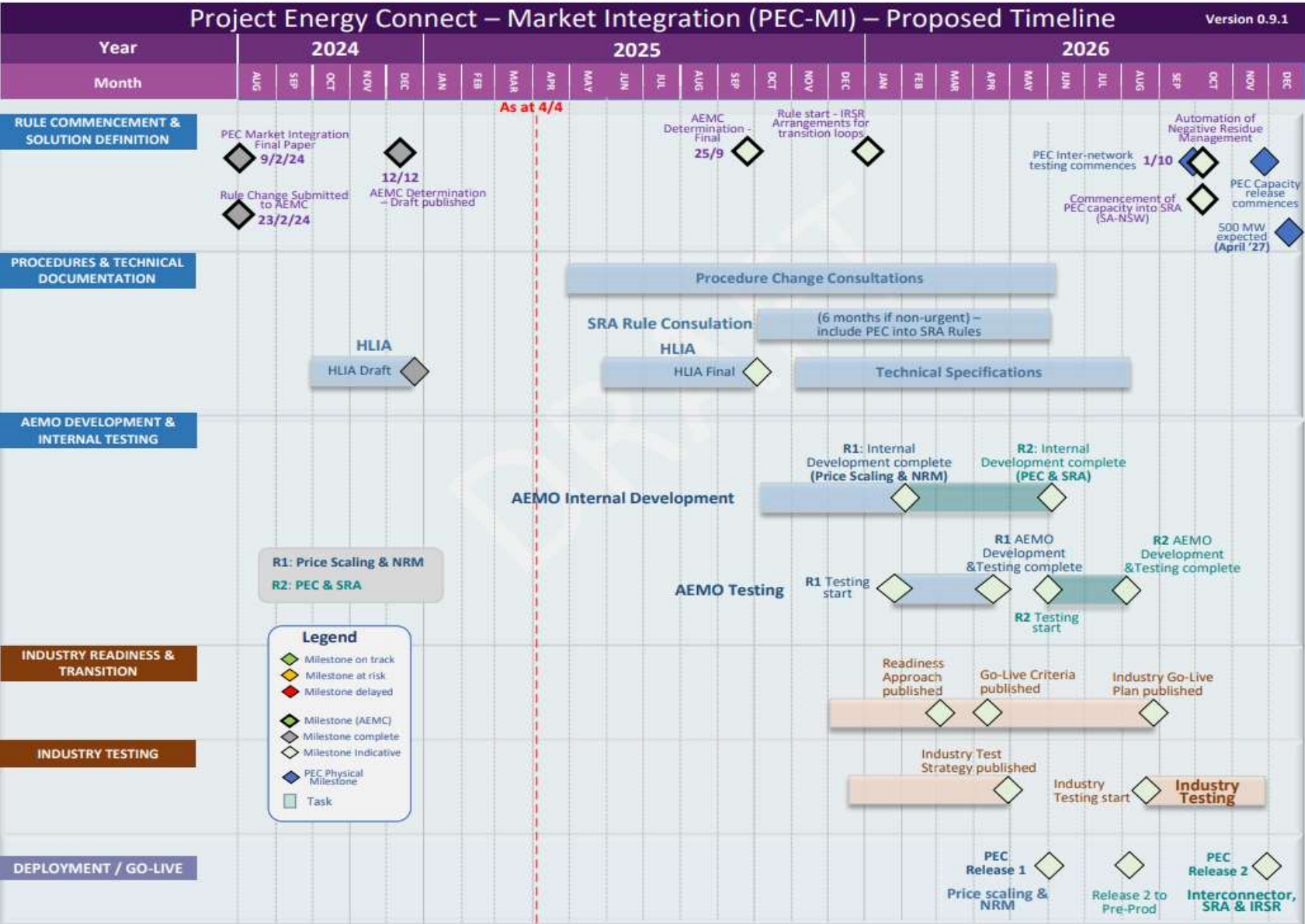


PEC-MI update

This initiative is now considered “In-Flight”

- AEMC extended date for Final Determination of [IRSR arrangements for transmission loops](#) to 25 September 2025 (from 29 March 2025). A short paper and proposed rule drafting for stakeholder feedback is now expected in June 2025 to inform the final determination.
- AEMC held a Technical Working Group session with interested stakeholders **on 15 April 2025**
- AEMO will **commence consultation on the Automation of Negative Residue Management procedure in late April/May 2025**. This consultation will consider broader market issues as well as the integration of the transmission loop.
- We expect to publish a final HLIA once there is clarity around the arrangements through the AEMC Final Determination.

Project Energy Connect Market Integration (PEC-MI)



Progress Summary

Overall project status **Green**

Shortening the Settlement Cycle

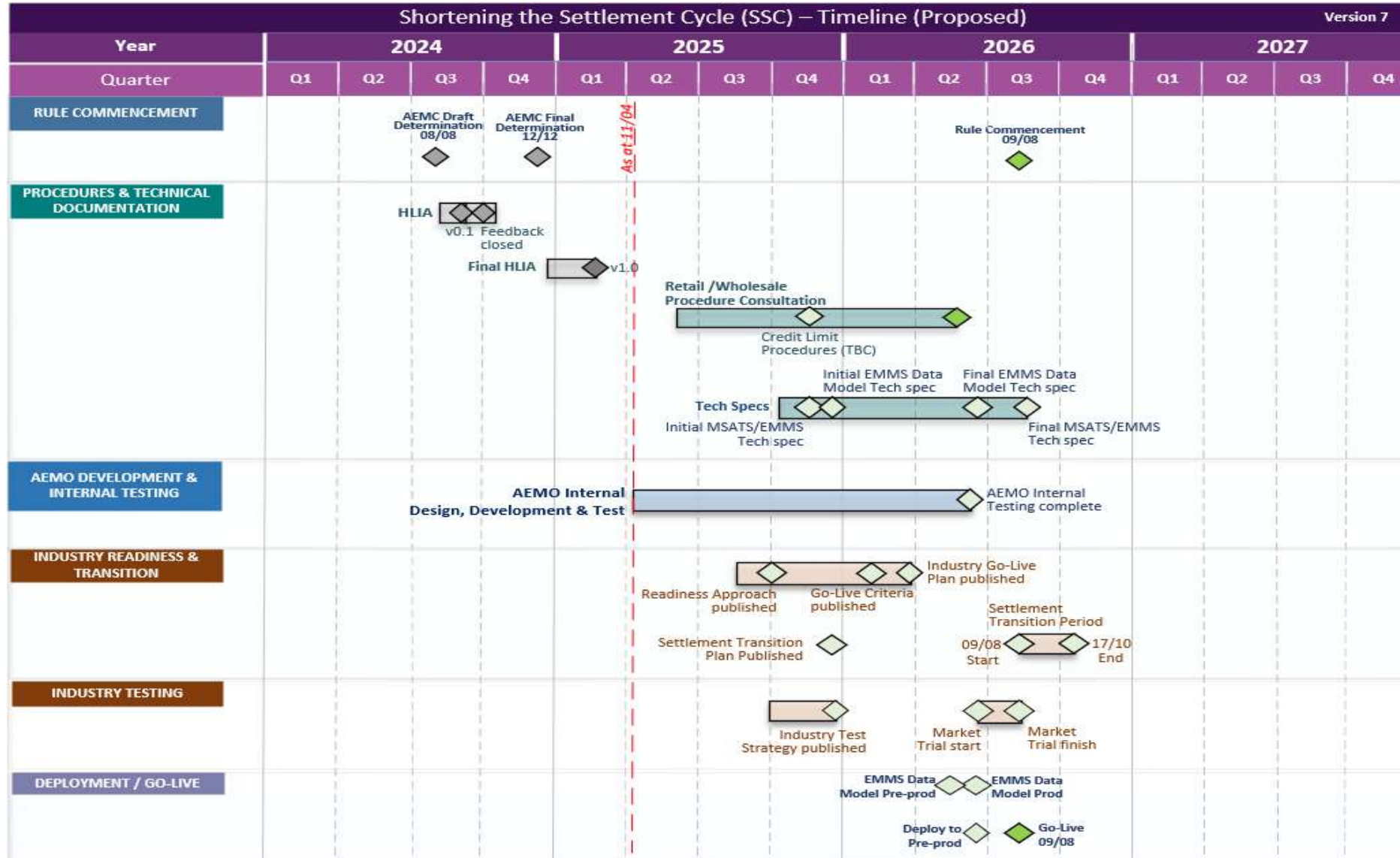
For Noting



Shortening the Settlement Cycle Update

- AEMC Final Rule was published on **12 December 2024**
- The [Final HLIA](#) was published **12 February** reflecting the Final Determination pathway and participant feedback
- Indicative commencement of wholesale procedure consultations from **May 2025** – starting with the Credit Limit Procedures
- Indicative commencement of retail procedure consultations from **Oct 2025**
- The Final Rule will take effect **9 August 2026** with the transition to the shorter settlement cycle to be complete by **17 October 2026**
- AEMO is required under the transitional rules to work with industry to develop a transition plan/calendar by **5 December 2025**

SSC Timeline



Integrating Price-Responsive Resources into the NEM (IPRR)

Noting



IPRR update

Policy process to date



The IPRR high-level implementation assessment (HLIA) provides an indicative and preliminary view to participants on how the IPRR rule may be implemented by AEMO.

For more information visit:



nemreform@aemo.com.au



[AEMO | NEM Reform | IPRR](#)



[AEMC | IPRR rule development](#)

IPRR upcoming consultations

- Upcoming engagement on major new IPRR documents that will likely be of interest to the Implementation Forum is set out in the table.
- AEMO is also engaging with the EWCF/ERCF on the IPRR procedure change plan, having identified around 32 existing documents that require varying levels of changes to be compliant with the IPRR rule.

ITEM	PURPOSE	STAGE	PUBLISH DATE	PUBLIC FORUM	FEEDBACK DUE
VSR GUIDELINES	Establishes the technical and operational characteristics of VSRs.	Issues paper	Thu 20 Feb	DNSP Forum Thu 01 May	Thu 20 Mar
PRICE RESPONSIVE REPORTING GUIDELINES	Establishes how AEMO will meet its annual reporting obligations on unscheduled price-responsive resources, and the information and metrics that AEMO will include in its quarterly reporting on unscheduled price responsive resources.	Issues paper	Fri 11 Apr	TBC	Tue 17 Jun
VSR INCENTIVE PROCEDURE	Specifies a range of matters to support operation of the VSR incentive mechanism / “participation payments”.	Issues paper	Tue 01 Apr	Tue 04 Mar (Complete)	Fri 02 May



Cash as Credit

Ulrika Lindholm



Cash as credit support

- A Draft Determination on the '[Allowing AEMO to accept cash as credit support](#)' rule change was made on 3 April 2025.
- AEMO intends to develop a High-Level Implementation Assessment to be published early May.
- Participants are encouraged to look out for the Implementation Assessment and participate in the 9 May stakeholder forum.
- Participants can register for the HLIA forum [here](#).

12. Stakeholder Engagement

Registration | NEM Reform Program General Stakeholder & NEM Roadmap Briefing



AEMO's NEM Reform Program is welcoming all stakeholders to a briefing on the program and the upcoming release of the NEM Reform Implementation Roadmap v.6.

The briefing will take place on **5 June 2025**, at 12:00-2:00pm AEST, via MS Teams.

Please register your interest to attend this session using [this link](#) or scan the QR code.



Upcoming Engagements

Engagement	Date	Time (AEDT)
Security Enablement Procedure – Improving Security Frameworks (ISF)	10 April 2025	01:00PM – 02:30PM
ISF Working Group	14 April 2025	11:00AM – 12:30PM
Electricity Retail Consultative Forum (ERCF)	28 April 2025	09:30AM – 11:30AM
Basic Power Quality Data - Technical Working Group	29 April 2025	10:00AM – 12:00PM
NEM Reform Program Consultative Forum (PCF)	30 April 2025	11:00AM – 12:00PM
NEM Reform Electricity Wholesale Consultative Forum (EWCF)	06 May 2025	11:00AM – 12:00PM
NEM Reform Implementation Forum	15 May 2025	01:00PM – 03:00PM



NEMReform@aemo.com.au



[NEM Reform Electricity Wholesale Consultative Forum](#)

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.