

NEM Reform Implementation Forum

Meeting #15

26 September 2023



1. Welcome

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

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

Agenda

#	Time	Topic	Presenter
1	1:00–1:05pm	Welcome	Greg Minney
2	1:05–1:10pm	Actions & Feedback from Previous Meeting	Greg Minney
3	1:10–1:20pm	2023 Release Summary	Greg Minney
4	1:20–2:05pm	October 2023 Release <ul style="list-style-type: none"> FFR – Progress Summary <ul style="list-style-type: none"> Technical Go-Live Confirmation / Industry Test update Outline Market Start approach and Communication Increased MT PASA Information – Progress Summary <ul style="list-style-type: none"> Go Live Criteria and Status 5MLP (ICF060) Progress Summary <ul style="list-style-type: none"> Go Live Confirmation and Deployment Details 	Carla Ziser Greg Minney Chris Fleming
5	2:05–2:20pm	November 2023 <ul style="list-style-type: none"> November Release Progress summary (LCCD, MS DR Compliance Holiday and CDR) 	Chris Fleming

#	Time	Topic	Presenter
6	2:20–2:35pm	March 2024 release <ul style="list-style-type: none"> Metering Exemptions Delivery Progress Update, milestones for delivery Considerations for procedure Effective Date 	Chris Fleming
7	2:35–2:45pm	June 2024 Release <ul style="list-style-type: none"> Progress Update (including delivery of specs) Readiness Approach Updated Go-Live criteria BDU Workshop Planning/ Settlements review Market trial Strategy draft (flag issue and discussion) 	Greg Minney Emily Brodie Emily Brodie Emily Brodie
8	2:45–2:55pm	Other Initiatives <ul style="list-style-type: none"> IDAM,IDX & Portal Consolidation (For Noting) SCADA Lite – inclusion in implementation Forum 	Greg Minney
9	Noting	Upcoming Engagements <ul style="list-style-type: none"> General Stakeholder briefing 	Lenard Bayne
10	2:55–3:00pm	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

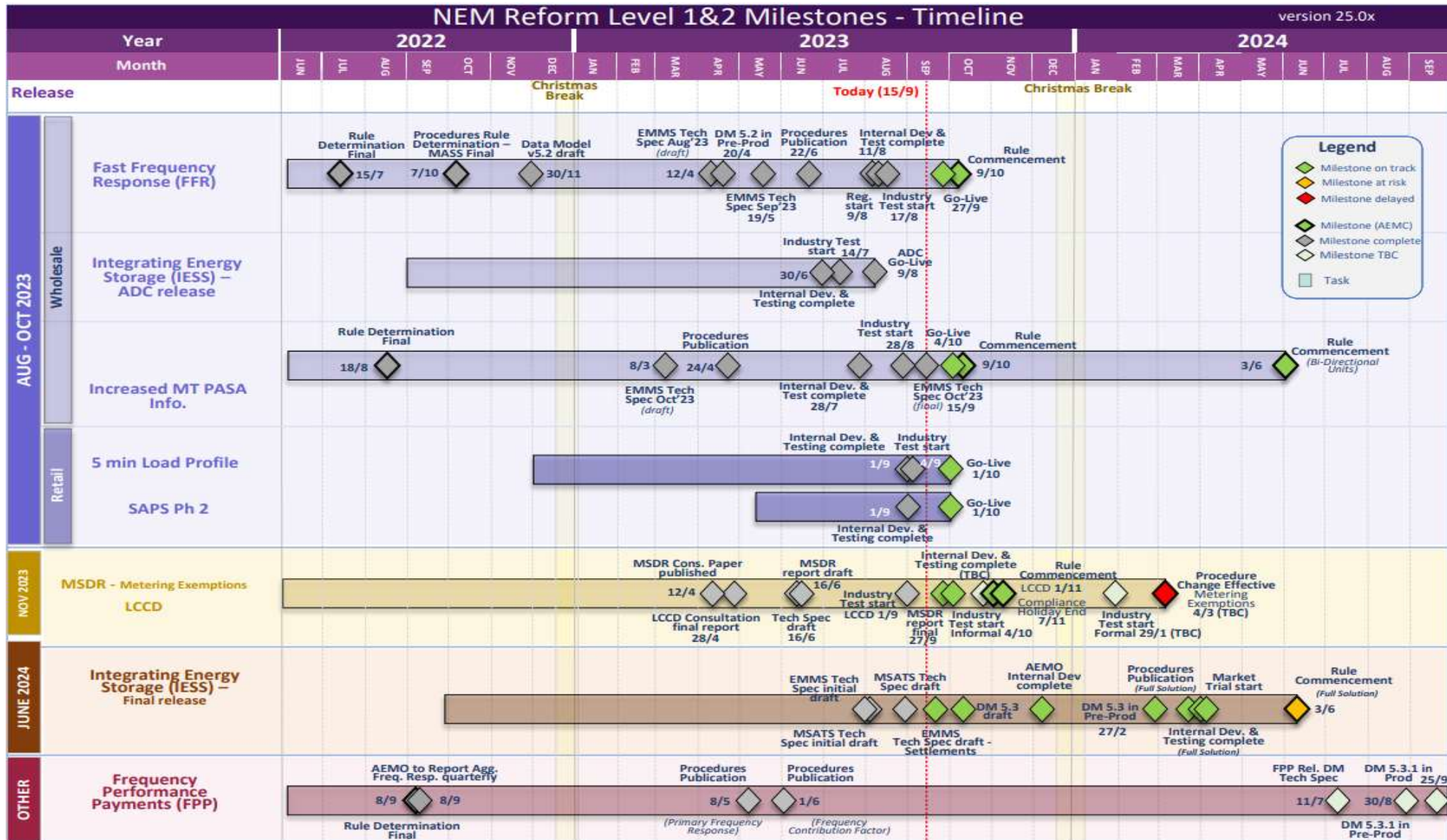
(Item = Meeting # – Agenda # – Reference)

Item	Topic	Action	Responsible	Status
14.3.0.1	2023 Release Summary	AEMO will remove March and May from the external milestones.	AEMO	Closed
14.6.0.1	June 2024 Release	AEMO to consolidate responses to participant queries into publicly available FAQs on an ongoing basis.	AEMO	Closed
13.5.0.1	November Release Progress Summary	AEMO to work through the data population and testing approach for metering exemptions.	AEMO	Open

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

3. 2023 Release Summary

Release Summary milestones



4. October 2023 Release

October release



Three major deployments included in this release:

1. Fast Frequency Response (**9 October**)
2. Increased MT PASA information (**4 October** and **9 October**)
3. 5MLP – Updates to 5 Minute Load Profile Calculation (**1 October**)

Fast Frequency Response (FFR)

Greg Minney

Fast Frequency Response Go-Live

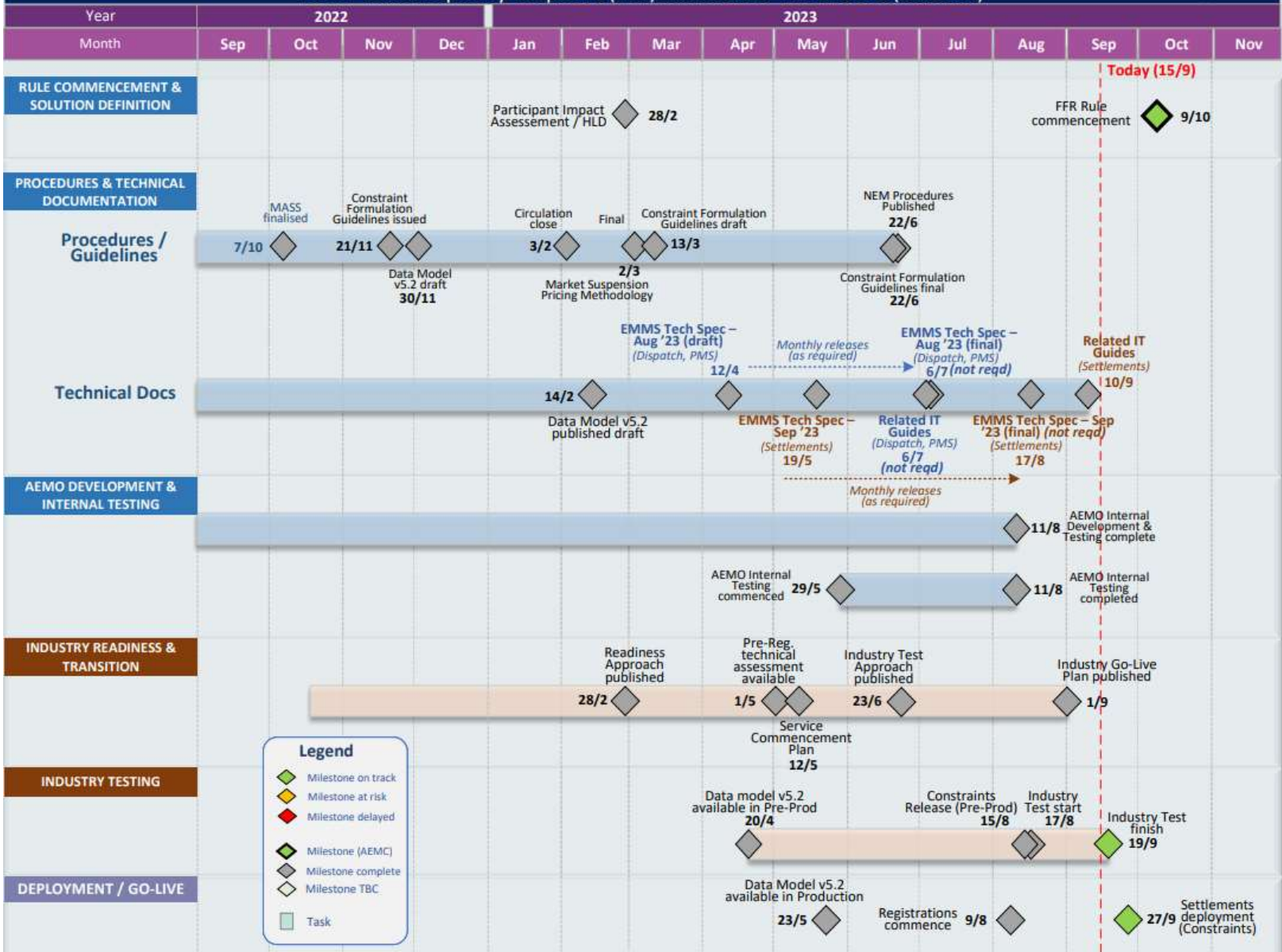
for market commencement on 9 October

- Go Live criteria below with Status checkpoint as at 19/9:

INITIATIVE	FAST FREQUENCY RESPONSE – Market Start (09 October 2023): Eligible providers can register to participate in VF FCAS	Status As At 19 Sept Solution and Business Readiness Green Market Readiness subject to current Registrations activity
CRITERIA	DESCRIPTION	
Go-live criteria	<ul style="list-style-type: none"> Solution readiness: AEMO solution tested in-line with requirements and available for Industry Test – No major outstanding Defects without remediation AEMO Business Readiness: AEMO business ready to support VF FCAS market commencement from 9 October Market Readiness: Sufficient participants registered to provide service 	<ul style="list-style-type: none"> Solution Deployed to Pre-production with no issues Industry Testing complete AEMO business activities scheduled and on track Participant registration in progress Industry Go-Live Plan released 1/9
	Optional participation for interested, eligible providers i.e. participant readiness activity is not a pre-requisite for go-live.	
CONTINGENCY	Contingency plans established in consultation with Implementation Forum. AEMO Solution and Business Readiness criteria are green, meaning associated contingency actions not required. Market Readiness criteria to be assessed, if not met then service introduction will be deferred or transitioned.	<ul style="list-style-type: none"> No current indication contingency will be required Final Assessment of Market Readiness based on production 7 day pre-dispatch

FFR Milestones and progress

P2267 Fast Frequency Response (FFR) Milestones - Level 1 & 2 (External) v20.0



Release Commentary

- Registrations continue to be processed as they are received.
- [Supporting information](#) available for participants to understand technical requirements for registration.
- Participants moving through registration process during August/September were able to participate in industry test. Industry testing completed 19th September, with Pre-production remaining available for participant testing
- Updated Technical Spec for PMS, Dispatch API, Bidding and Markets Portal updates published 19/5
- FFR – Phase 2 Go-Live plan published 1/9 - providing overview of decision timings and communication for AEMO solution go-live and Service Go-Live.

Legend

- ◆ Milestone on track
- ◆ Milestone at risk
- ◆ Milestone delayed
- ◆ Milestone (AEMC)
- ◆ Milestone complete
- ◆ Milestone TBC
- Task

Industry Testing update

Update

- Industry testing Q&A sessions were held between 15th August and 19th September
- Multiple participants progressing through the registration process were established in pre-production, enabling them to testing activities at their selection.
- One defect raised - relating to automated generation of market notices for Administered Pricing - AEMO plans to deploy a fix on 21st September in preproduction. Assuming tests goes well production deployment will occur on 27th September
- Preliminary and final settlement runs ran successfully on 15th and 18th September respectively, and the data/statements were published in preproduction.

Scope

- perform pre-prod demonstration of ability to submit bids for Very Fast FCAS as part of the Registration process to provide the new very fast FCAS services. (Applicants established in Pre-prod to perform this demonstration.) Submit and verify FCAS bids via the FTP, API, or Markets Portal 'Energy & FCAS 5min Bids' capability.
- ingest pre-dispatch and dispatch instructions, FFR enhancements to Wholesale Data Interchange MMS Data Model (DISPATCH, P5MIN, PREDISPATCH, TRADING_DATA, FORCE_MAJEURE packages).
- regression test bid, dispatch, and Wholesale Data Interchange functionality (participating and non-participating providers for the new services).
- test bidding processes and automated energy/FCAS trading tools are working correctly.
- ingest Settlement changes for generators and load market customers showing recovery calculations for the new service i.e., Settlement reports and data model via Wholesale Data Interchange (Settlement and Billing packages) and download via Settlements Direct (Markets Portal application).

FFR Service Go- live

- Interested participants are strongly encouraged to submit Registration applications as soon as possible.
- **Volumes of offers submitted in production will be used by AEMO to assess readiness for market commencement**
- Final version of FFR Go Live Plan was released 1st September. Key upcoming milestones below.

AUGUST

- **9 Aug 2023** AEMO opens Registration for VF FCAS
- **17 Aug 2023** Industry testing commences— refer Industry Test Plan for key elements

SEPTEMBER

- **6 September 2023:** AEMO confirms technical criteria met for go-live (go/no go decision)
- **20 to 25 Sep 2023:** Successful VF FCAS Registrations replicated to Production (from Pre-production)
- **25 Sep 2023:** Registered participants able to submit offers in production for 9 Oct

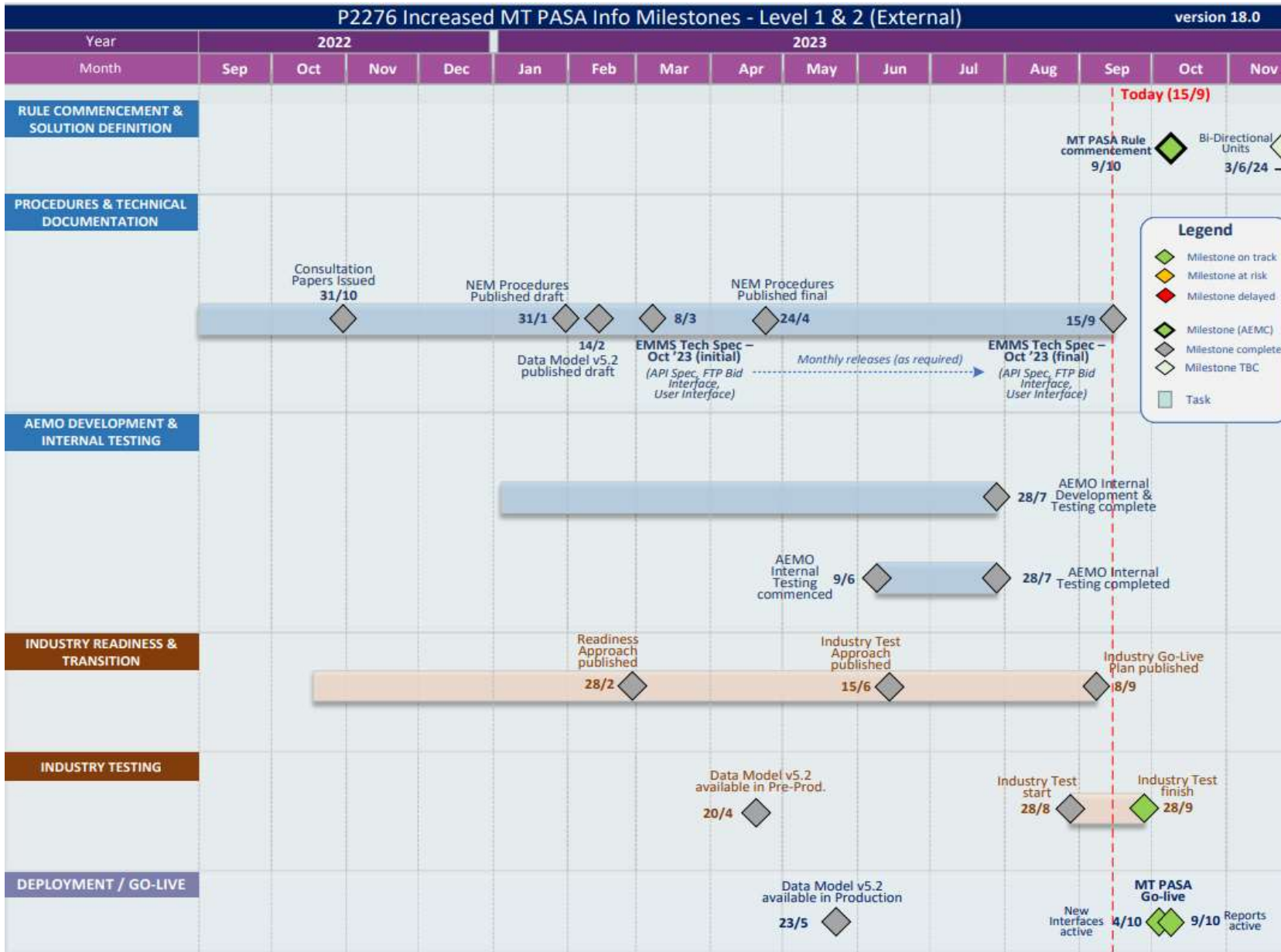
OCTOBER

- **2 October 2023:** 7-day Pre-dispatch commences
- **3 October 2023:** AEMO confirms sufficient registered and offered volumes to commence market operation
- **9 October 2023:** Market commences in production

Increased MT PASA Information

Greg Minney

MT PASA Milestones and progress



Release Commentary

- Final Technical Specification published 15/9.
- Industry testing progressing until 29/9. 1 issue outstanding:
 - User access rights inconsistent response – under investigation.
- Industry Test next Q&A session 19/9
- Final Industry Go-live Plan published 8/9 - providing overview of timings and communication for AEMO solution releases on 4th and 9th Oct.
- Post Deployment Q&A session established for 6th October

Go-live criteria management: Industry checkpoint for Mt PASA release

INDUSTRY CHECKPOINT PURPOSE:

To provide assurance of implementation/rule commencement preparations ahead of the industry test period, allowing time for finalising AEMO's and participants' business preparations.

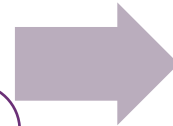
INITIATIVE	INCREASED MT PASA INFORMATION (04 and 09 Oct 2023): Improve the quality and transparency of information for future availability of generators	
CRITERIA	DESCRIPTION	STATUS (as at 18/9): On Track for Go Live
Go-live criteria	<ul style="list-style-type: none"> AEMO solution tested in-line with requirements for: <ul style="list-style-type: none"> Enabling Participants to include "unit status" and "unit recall time" in bidding for MT PASA Reflecting updated offers in NEM Reports AEMO business ready to support MT PASA 	<ul style="list-style-type: none"> Preproduction deployment completed 28 Sep. Industry Testing progressing – 1 issue under investigation. All business readiness preparations are complete or on target for completion for 4th and 9th October commencement.
	Participants obligated to provide MT PASA offers including additional information. Participant readiness activity is not a pre-requisite for go-live.	n/a
CONTINGENCY	AEMO to identify new committed readiness date and communicate to the AER	No current indication that contingency will be needed.

MT PASA Go- live

- Impacted Participants need to have upgraded to EMMS Data Model 5.2. Latest October Tech Spec published 15 Sep.
- Participants who intend to submit bids via API technology to apply for URM rights and TLS certificates via AEMO’s Market Portal
- Final MT PASA Go Live Plan published 8 Sep – provides key timings and communication channels

SEPTEMBER

- **14 September 2023:** AEMO confirms technical criteria met for go-live (go/no go decision)
- **Up to 29 Sep 2023** Industry Testing period continues in Preproduction
- **Prior to 4 October 2023:** AEMO notification to Participants to finalise submissions (current ruling) for week starting Sunday 1st Oct.

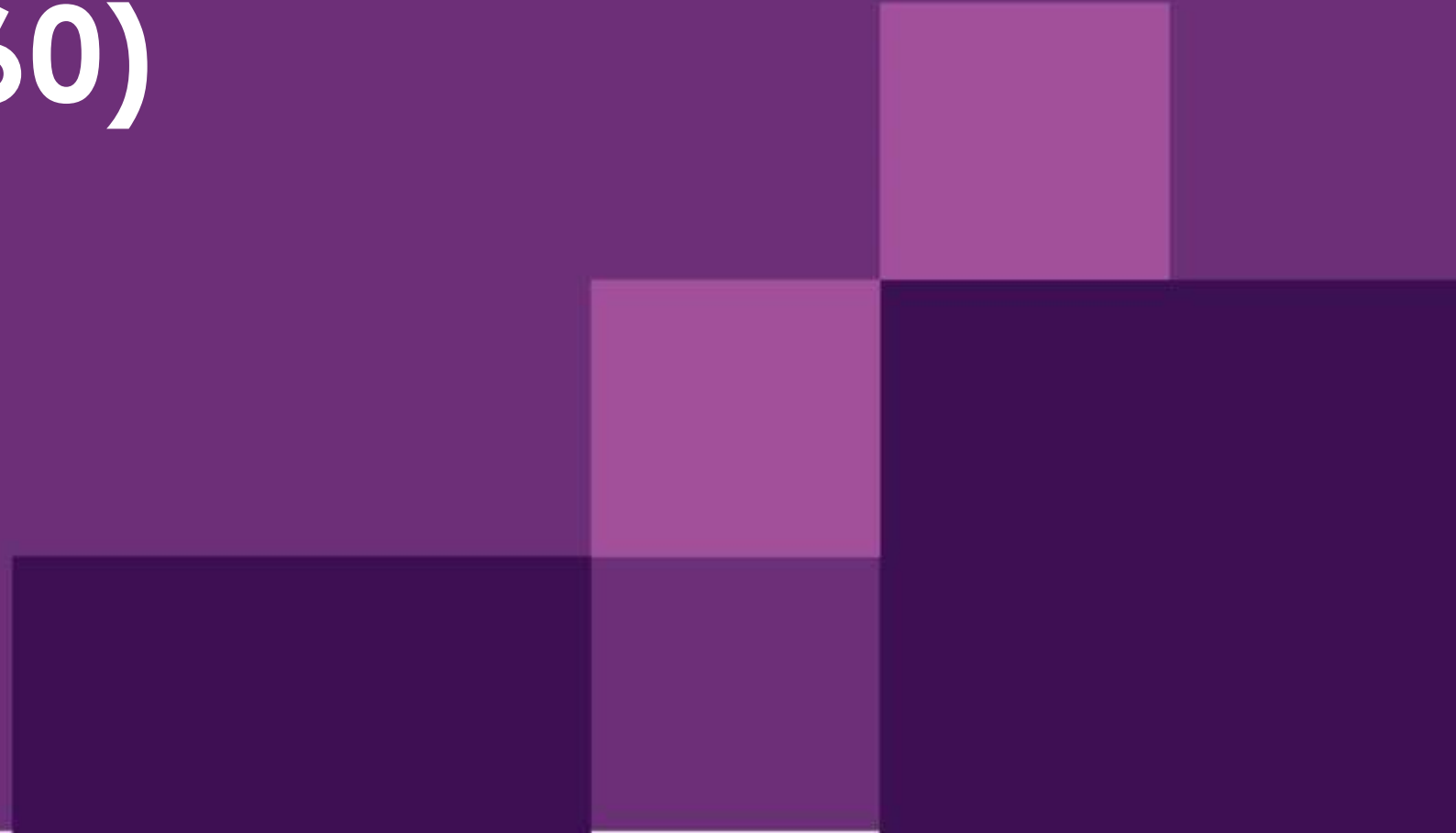


OCTOBER

- **4 October 2023:** AEMO notification that MT PASA additional information requirements for Bidding operational from planned market time. Approx deployment window 9am to 3pm (TBC)
- Files submitted for week beginning trading day Sun 8th Oct and for upcoming 3 years to include new fields.
- Amendments to submissions for week beginning trading day Sun 1st Oct require new fields for that week.
- **9 October 2023:** Notification that Reports are operational and available to verify offers.

5MLP (ICF060)

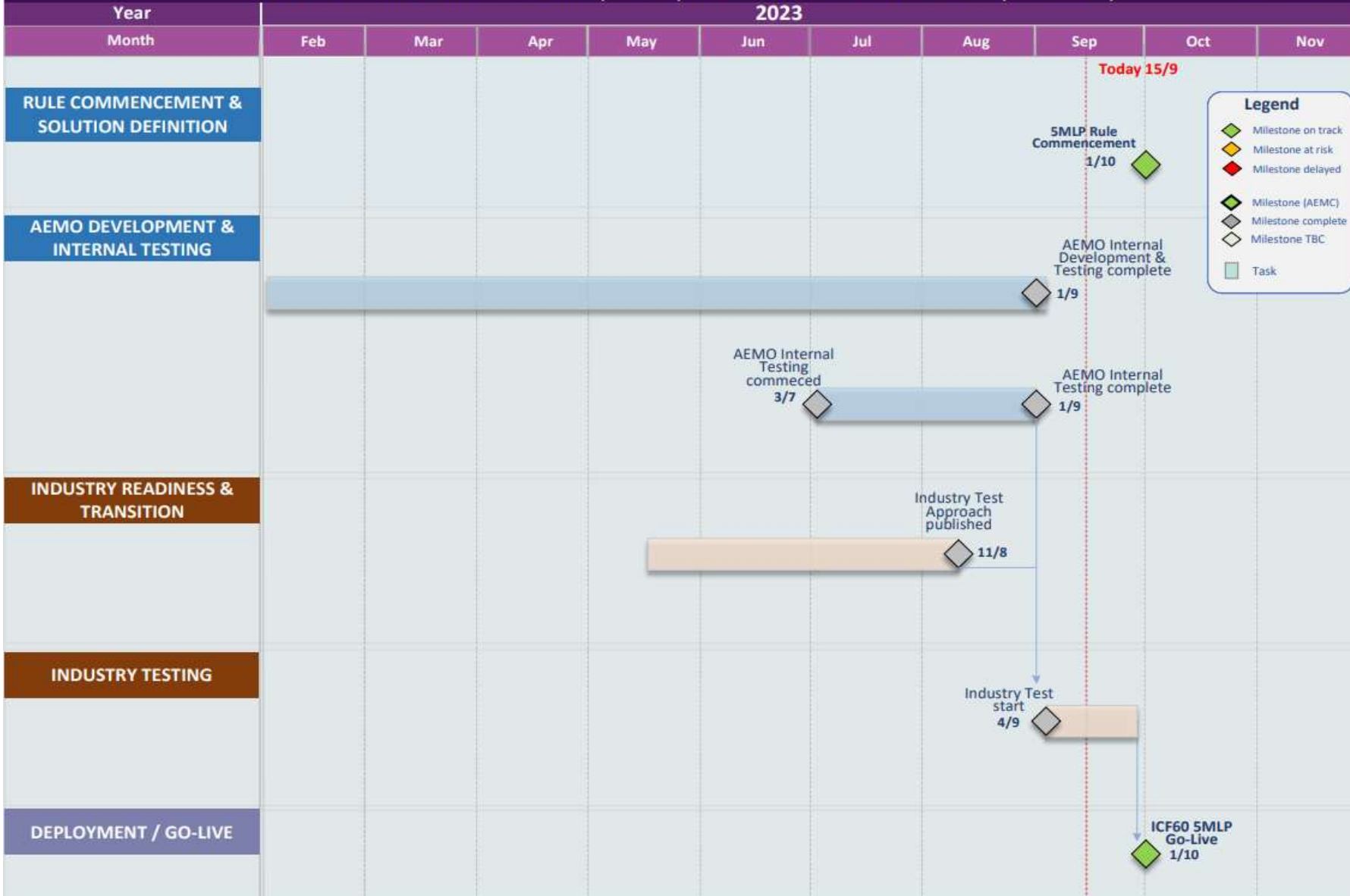
Chris Fleming



5MLP Timelines



ICF60 5 Minute Load Profile (5MLP) Milestones – Level 1 & 2 (External) Version 7.0



Release Commentary

- AEMO test phase is complete with no outstanding defects.
- Industry test is now in the final stages with the RM reports distributed for Participant review on week beginning 18/9.
- Industry Test will conclude to 28/11.
- Effective date for 5MLP in production is 1/10

5MLP

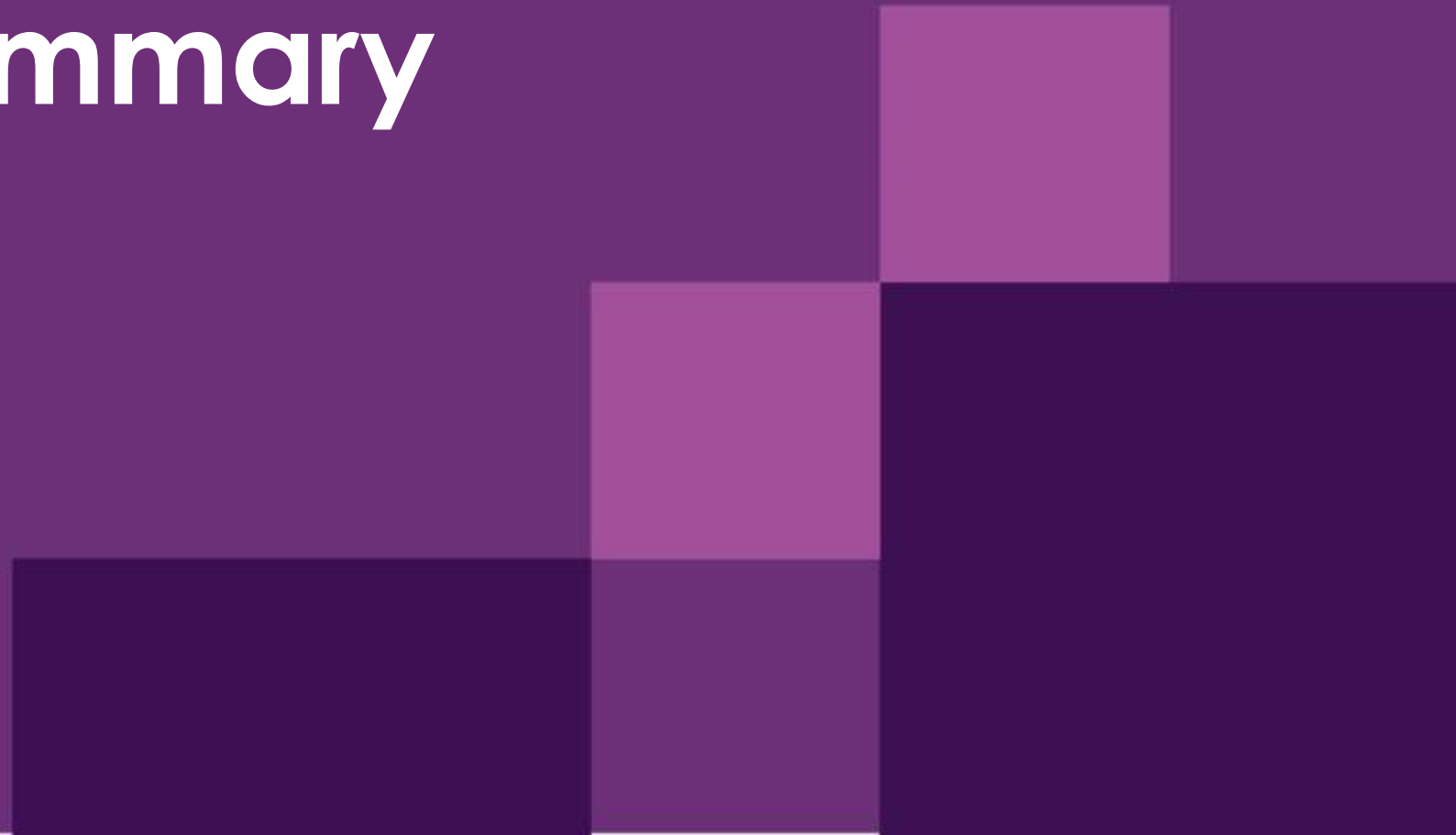
- The following validation of 5MLP changes has been performed in Preprod via RM Reporting based on 180 days data in the following sequence:
 - Baseline runs with weights (current profiling methodology)
 - Baseline runs without weights (current profiling methodology)
 - Run with new methodology (without weights)
- RM reports (RM20, RM16, RM17) generated for all of the above scenarios in the week beginning 11 September.
- RM reports were released to Participants for verification on week beginning 18 September
- Procedure effective date for 5MLP change is 1 October.
- Production software deployment and corresponding outage is scheduled during the Retail Systems outage window on 1 October between 10:00 and 14:00 market time

5. November 2023 Release



November Release Progress Summary

Chris Fleming

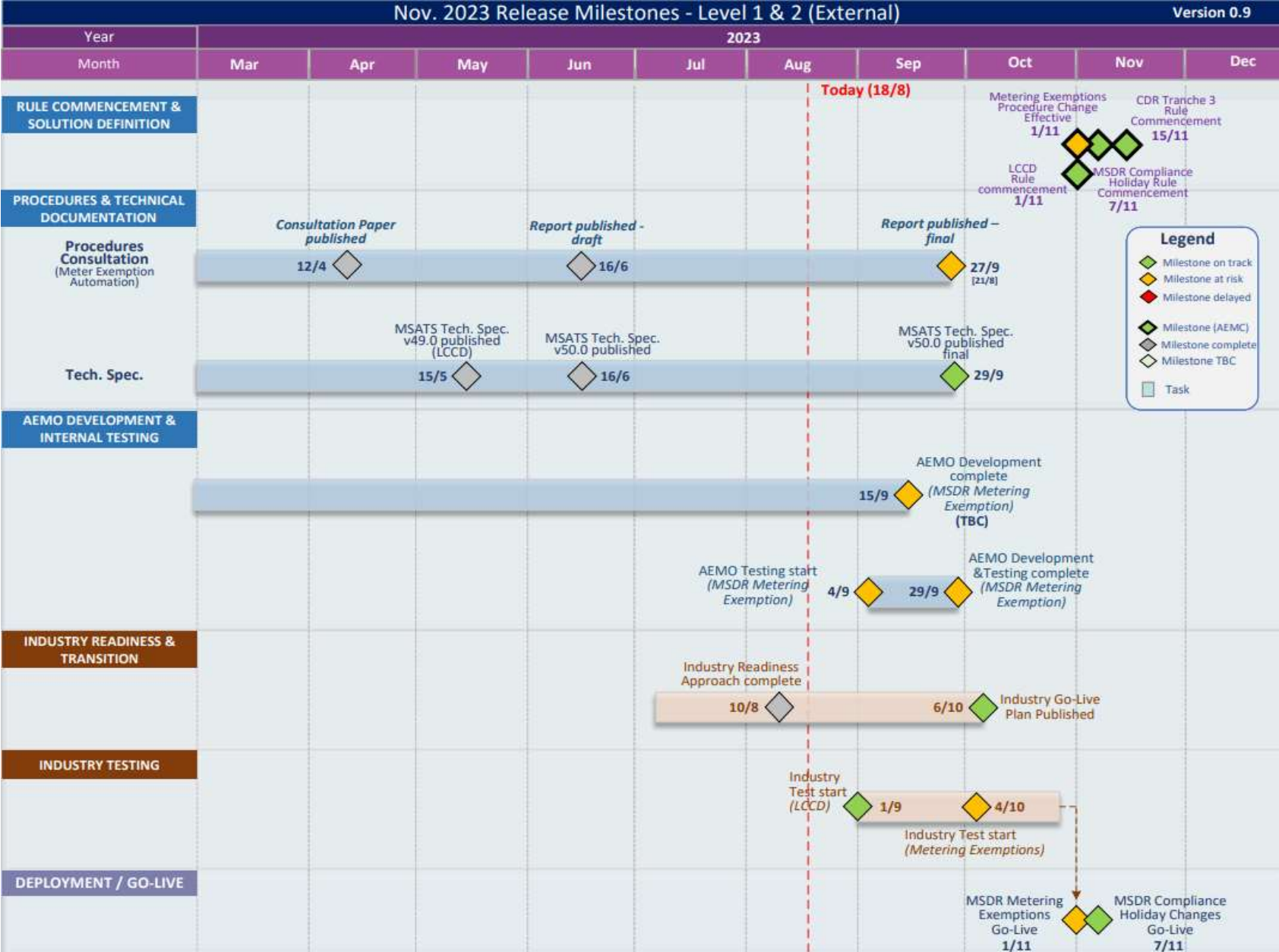


November 2023 Timelines



Nov. 2023 Release Milestones - Level 1 & 2 (External)

Version 0.9



Release Commentary

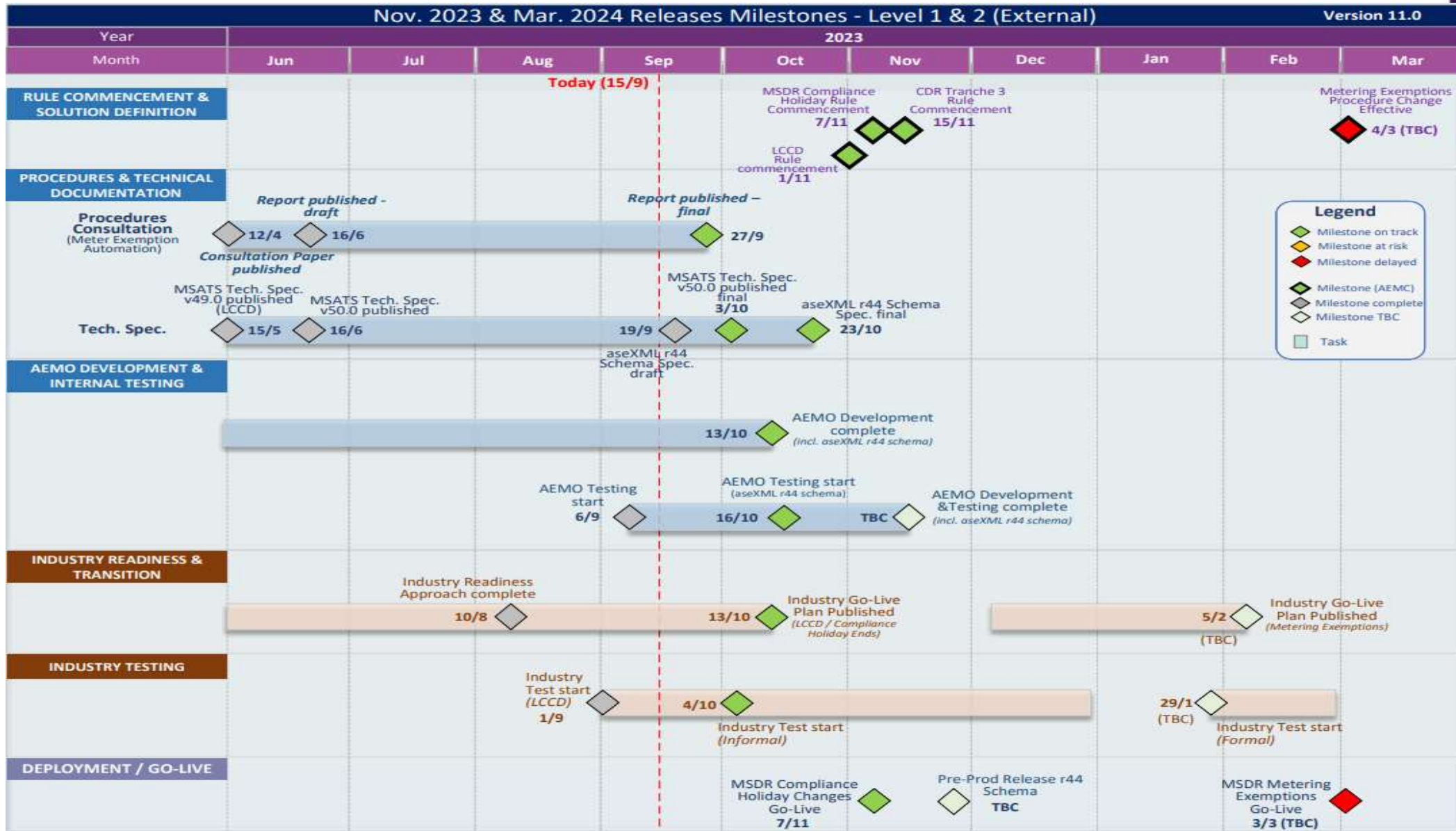
- Industry test underway for LCCD in pre-prod. Testing paused due to error handling issue which is now resolved.
- Nov Release Industry Go-live plan to be published 6/10.
- Production effective date for LCCD is 1/11.
- Compliance holiday ends for Meter Register Standing Data Items (ConnectionConfiguration and Meter Manufacturer, Model and Use) 7/11
- Searching on unstructured addresses will be turned off from 29/10.
- CDR Tranche 3: Retailers with >10k customers from 15/11
- POAP to reflect November deliverables from next period with Metering Exemptions milestones reported against confirmed March go-live

6. March 2024 Release

Metering Exemptions Automation

- The decision, including confirmed procedure effective dates will be confirmed in the Final Determination of consultation, scheduled for 27th September.
- Meter Exemptions APIs and UI will be available for participant testing from 4/10.
- ASWG CR for aseXML r44 B2M changes have been distributed to participants for review.
- Development on the r44 B2M Schema changes has commenced.
- r44 B2M schema changes to be deployed into Pre-prod early next year.
- Requirements for data migration into Preprod to be discussed at the next ITWG. Considerations are:
 - Timing – Load copy of existing production exemption data in Nov or late Jan
 - Volume – Partial or full load of existing production exemption data
- Industry Test scheduled to commence on 29/1. Key components:
 - Test lifecycle of Meter exemptions (MCs & AEMO)
 - Confirm COM received for 5100/5101 (other market roles)
- Go-Live scheduled for early March 2024.

March 2024 Milestones Timeline



Metering Exemptions - MSDR

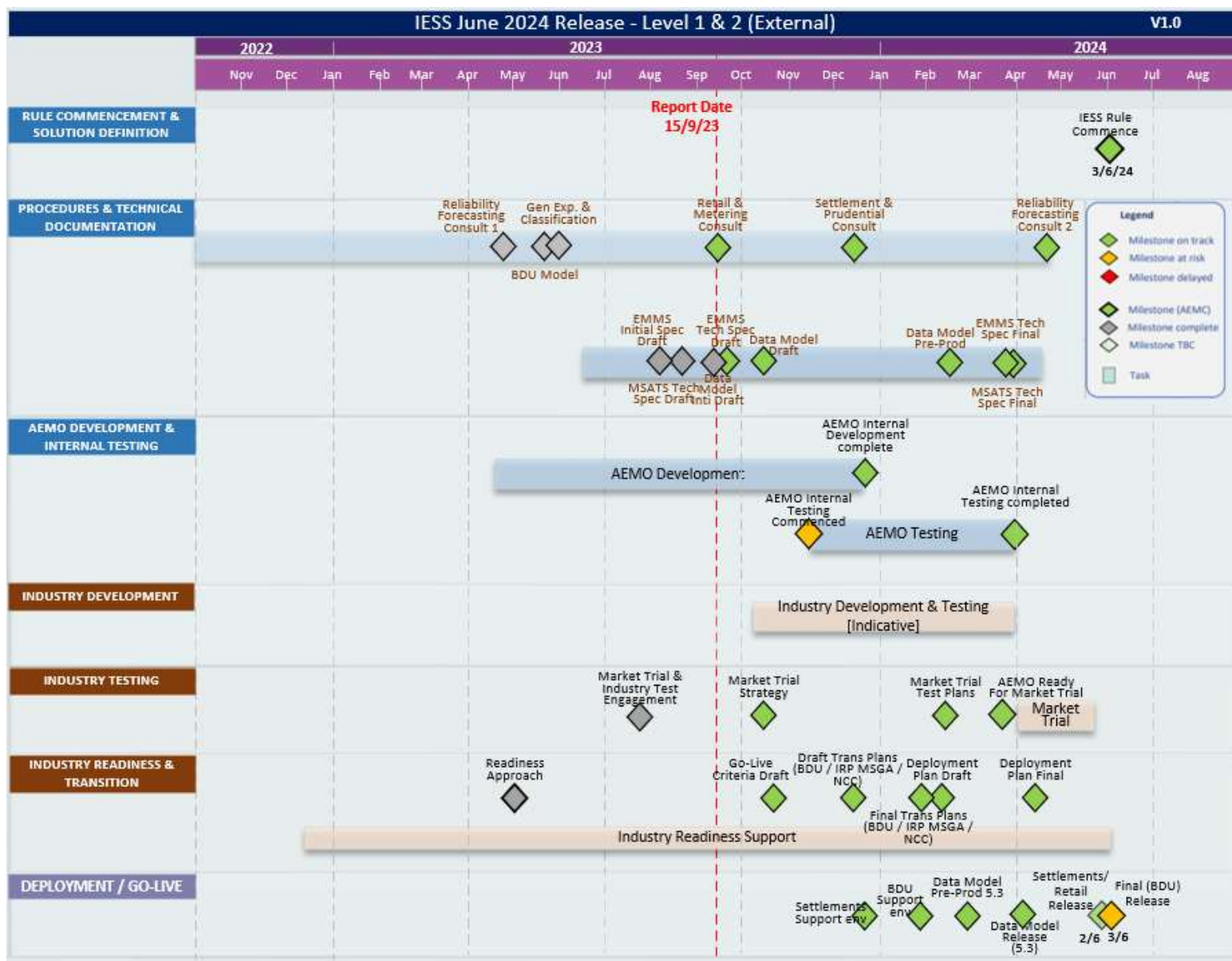
- Procedure consultation has been published on the [AEMO's website](#).
- Draft Procedure has been published
- Submission period for the draft report closed on 17 July
- Final report now to be published 27 September (formerly 21 August)

Stage	Date
Consultation paper published	12 April 2023
Submissions due on consultation paper	12 May 2023
Draft report published	16 June 2023
Submissions due on draft report	17 July 2023
Final report published	27 September 2023

7. June 2024 Release

Integrating Energy Storage Systems into the NEM

June 2024 - IESS Final Release

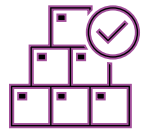


RELEASE COMMENTARY

- Project schedule is now baselined to meet the June 2024 IESS rule commencement dates.
- Overall project status **AMBER** owing to overlapping and compressed development and test phases.
- [Procedures consultation](#) in progress via EWCF/ ERCF* and on track.
- AEMO development and internal testing completion milestone now rated **AMBER** owing to internal testing (Integration) start date at risk.
- [Draft EMMS tech spec](#) and [draft EMMS tech spec Data Model v5.3](#) published.
- Draft IESS Industry test and market trial strategy published.
- IESS Go Live Criteria – to be discussed in this meeting.

*Electricity wholesale / retail consultative forums

IESS June 2024 Release updates



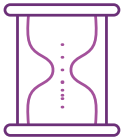
1. IESS readiness approach



2. IESS June 2024 readiness & go-live criteria

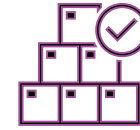


3. IESS Industry test & market trial: April/May 2024



4. Upcoming IESS discussions

1. IESS readiness approach



DATE	ACTIVITY
Feb 2023	Presented proposed IESS readiness approach to Implementation Forum
Feb to Jul 2023	Sought and received feedback on IESS Settlements and IESS IRP/BDU implementation. Key themes: <ul style="list-style-type: none">• Earlier release of technical material• Provision of participant support environments, both Settlements and BDU• Provision of longer and more flexible transition period for BDUs• Appropriately timed market trial• Supporting workshops/information sessions
Sep 2023	IESS readiness approach: <ul style="list-style-type: none">• Updated to reflect feedback• Will shortly be published on web site <p>Project deliverables updated to include support requirements</p> <p><i>Please note that feedback on readiness approach continues to be welcomed anytime and will be actively sought in the development of readiness plans.</i></p>
Oct 23 to Apr 24	Development of transition, test and deployment plans (see milestones)

2. IESS June 2024: Proposed readiness & go-live criteria



INITIATIVE	IESS Sun 02 Jun 2024	IESS Mon 03 Jun 2024
GO-LIVE CRITERIA		
AEMO	<ul style="list-style-type: none"> • AEMO solution tested in-line with requirements for: <ul style="list-style-type: none"> – NEM operation incorporating new NECR framework from rule commencement date – Providing for new IRP registration category • AEMO business: <ul style="list-style-type: none"> – Ready to operate new NECR framework – Ready to register IRPs – Has re-registered SGAs as IRPs 	<ul style="list-style-type: none"> • AEMO solution tested in-line with requirements for enabling scheduled batteries to participate as a single DUID in energy and FCAS markets • AEMO business ready to support BDU operations in the NEM
INDUSTRY	<ul style="list-style-type: none"> • Participant readiness activity is not a pre-requisite for go-live. • However to ensure that NEM operations remain uninterrupted and reliable, <u>AEMO will monitor for any systemic issue</u> that materially affects NEM operational integrity. Examples could include: <ul style="list-style-type: none"> – AEMO deliverables required for participants being late – Key vendor not being ready, affecting multiple participants – Major market event e.g. ROLR, suspension – Pandemic 	<ul style="list-style-type: none"> • Participant readiness activity is not a pre-requisite for go-live, noting: <ul style="list-style-type: none"> – BDU transition period to 03 Mar 2025 means that there is no industry readiness requirement for “day 1” (rule commencement) – Participants can cutover on or near rule commencement date if they choose to and are ready – AEMO will provide support for participant development and report on interim milestones.
CONTINGENCY	Contingency approaches to be developed and discussed with IF	

2. IESS June 2024: Proposed go-live criteria management



- As per previous releases, industry checkpoints will be held at Implementation Forum
- **Purpose:** to provide assurance of implementation/rule commencement preparations ahead of the industry test period, allowing time for finalising AEMO's and participants' business preparation.

Proposed checkpoints	Description
Tue 28 Nov 23	~6 months prior to go-live
Late Feb 2024	~3 months prior to go-live
Late Apr 2024	~1 month prior to go-live 1 month into market trial
As needed	In lead up to go-live/ rule commencement

SEEKING FEEDBACK BY FRI 13 OCT

- To what extent are the proposed go-live criteria suitable for IESS?
- What other go-live criteria are needed and why?
- What are your views on the go-live criteria management approach?
- What other gaps do you see? How should these be approached?

3. DRAFT IESS industry test & market trial strategy

To be released for comment Fri 22 Sep 2023



KEY CONTENT

For each of three test phases, the draft Strategy sets out:

- Scope
- Test scenarios & objectives
- Timing
- Assumptions

It also covers the implementation approach:

- Market testing management
- Market test planning & preparation
- Test/trial execution
- Defect management

IESS TEST PHASES – SUMMARY

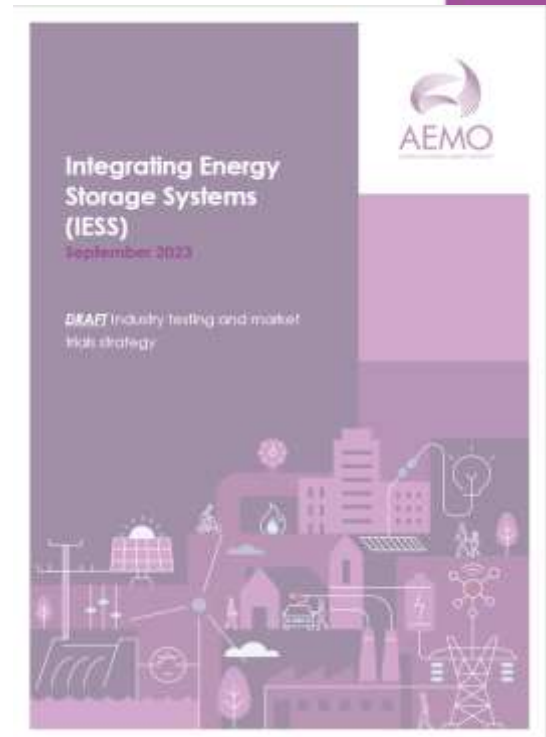
See draft Strategy for complete proposal

- 1 IESS new registration category and NMI classification code changes** including:
 - Confirm new registration category (IRP)
 - Test re-registration process for SGAs becoming IRPs
 - *Re-registration of BESS operators as IRPs will be managed in Phase 3*
 - Test introduction and application of new / updated NMI classification codes
 - Confirm go-live processing
- 2 IESS settlements and prudentials changes** including:
 - Test new NECR calculations, data delivery and reconciliation processes required to implement these
 - Test changes to embedded network management
 - Confirm existing calculations for settlement weeks prior to rule commencement are not affected
 - Proposing back-dated mock pre-production rule commencement/go-live so can use existing meter data from pre-production refresh to enable post go-live settlement week calculations.
- 3 BDU bidding and dispatch** including:
 - Confirm BDU bidding (energy and FCAS) via FTP, API, web interface
 - Confirm BDU dispatch
 - Check transition process from 2DUID to 1DUID (including re-registration of pre-Dec 2021 BESS operators as IRPs, where appropriate)

3. IESS Industry test & market trial update



KEY DATES	ACTIONS
Tue 25 Jul (IF)	Called for feedback on scope of IESS market trial at Implementation Forum
Fri 18 Aug	No substantive feedback received
Tue 29 Aug (IF)	AEMO assumed that proposed scope is broadly correct and, based on this, will produce a draft IESS market trial strategy for feedback.
Fri 22 Sep	AEMO releases draft IESS market trial strategy for industry feedback
Tue 26 Sep (IF)	Discussion on draft IESS market trial strategy at Implementation Forum
Thu 28 Sep (ITWG)	Discussion on draft IESS market trial strategy at Industry Test Working Group
FRI 06 OCT	PARTICIPANTS TO PROVIDE FEEDBACK
Fri 17 Oct	AEMO publishes final IESS market trial strategy that considers participant feedback
Nov 23 – Feb 24	Detailed market trial/industry test plans will developed conjunction with ITWG



SEEKING FEEDBACK BY FRI 06 OCT

- To what extent are the key test scenarios addressed?
- What other test scenarios are needed and why?
- What are your views on the test/trial implementation approach?
- What other gaps do you see? How should these be approached?

4. IESS upcoming engagement



FORUM	TIMING	ACTIVITIES
Implementation forum	Sep 2023	<ul style="list-style-type: none"> ✓ IESS draft go-live criteria ✓ Updated readiness approach based on feedback received ✓ Draft IESS market trial strategy ✓ Potential workshops
	Oct – Dec 2023	<ul style="list-style-type: none"> • Finalised go-live criteria • Market Trial Strategy • Detailed test/trial plans (ITWG) • Development of transition plans and go-live plans
Settlements transition + Q&A session	Thu 05 Oct	<ul style="list-style-type: none"> • IESS settlement transition arrangements • Participant support and resources • Q&A
BDU readiness session	TBC Thu 12 Oct	<ul style="list-style-type: none"> • Managing the BDU transition period • Draft BDU process for cutting over from 2DUID to 1DUID



8. Other initiatives

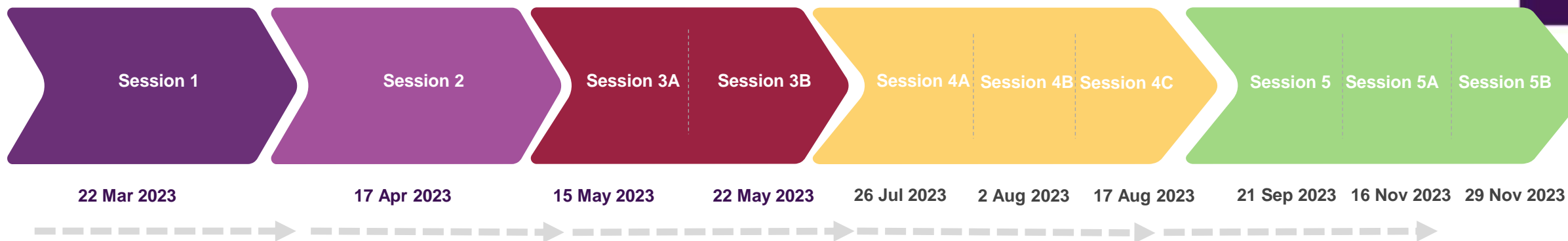
Strategic / Foundational Initiatives

Identity & Access Management
Industry Data Exchange
Portal Consolidation

Ulrika Lindholm

Industry consultation update

- Preparation of business case continues.
- AEMO thanks participants for their contributions to the costing exercise. Five detailed industry cost estimates and three high level estimates received (as of 18 September). In the interest of putting forward a more representative view in the business case, AEMO has:
 - Repurposed the 21 September industry workshop to focus on approach to gathering cost inputs.
 - Extended the due date for focus group participants providing estimates until 13 October.
- Final industry workshops to be scheduled for November.
- Any queries can be directed to NEMReform@aemo.com.au.



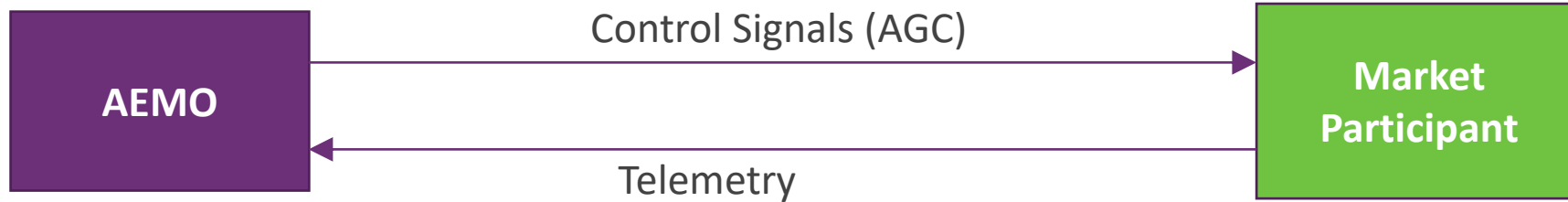
Session	Introduction – IDX, IDAM & PC	Discovery Workshops – IDAM and PC	Target State Discussion	Transition Strategy	Conclusions and Business Case
Agenda	<ul style="list-style-type: none"> • Introduce initiatives • Outline workshop plan 	<ul style="list-style-type: none"> • Pain points and benefits • Survey 	<ul style="list-style-type: none"> • Concept walkthrough • Survey 	<ul style="list-style-type: none"> • Transition Strategy • Impacts & Benefits • Survey 	<ul style="list-style-type: none"> • Business case inputs • Industry cost • Walkthrough of draft business case • Assessment and completion

Published information and materials:

Focus Group webpage: <https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/nem-reform-foundational-and-strategic-initiatives-focus-group>.

March 2024 – SCADA Lite Introduction

Initiative summary: SCADA Lite Mar 24 release



Provide a capability for a market participant to establish a bi-directional communication path to exchange telemetry data and control signals with AEMO such that they can participate in the wholesale market. Specifically:

- Demand Response Service Providers (DRSP) providing Wholesale Demand Response (WDR).
- Generators or Integrated Resource Providers not able to exchange information or controls with AEMO via an NSP.

Project Context - Why is it needed?



- The evolving and transitional NEM market will involve several new non-NSP (Network Service Provider) Participants in addition to the already existing traditional ones (such as NSPs and Generators).
- It has been onerous for these non-NSP Participants to establish a telemetry connection with AEMO using the ICCP (Inter-control Centre Communications Protocol) protocol that AEMO currently supports.
- SCADA Lite solution will deliver the requirements defined in both the [WDR Guidelines](#) (Version 1.0, Effective Date: 24 June 2021) and [Power System Data Communication Standard](#) (Version 3.0, Effective Date: 3 April 2023).
- New Reform initiatives such as [Integrating price-responsive resources into the NEM](#) will soon open new market opportunities for non-NSP Participants once accessible telemetry exchange channels are available.

SCADA Lite: High-level impacts - DRAFT

The information presented here is general in nature. AEMO encourages industry participants to undertake their own due diligence to assess energy market reform impacts on their respective organisations.

AFFECTED TECHNOLOGY & PROCESSES	INDICATIVE PARTICIPANT CHANGE IMPACTS	AFFECTED PARTICIPANTS				
		IRP	GEN	DRSP	TNSP	DNSP
REGISTRATION	<ul style="list-style-type: none"> Required: DRSPs seeking to register >5MW of WDR from a single site/aggregation who do not provide telemetry via an NSP will require a SCADA lite connection Optional. IRPs or Generators seeking a transitional SCADA Lite connection where the NSP does not support the service. <p>MEDIUM</p> <ul style="list-style-type: none"> Provide required data and undergo required certification Direct annual fees for a SCADA Lite connection 	0	0	✓		
DISPATCH	<p>MEDIUM:</p> <ul style="list-style-type: none"> OPTIONAL - Operational systems could be upgraded to receive/respond to instruction signals from a SCADA Lite feed. 	0	0	0		
TECHNOLOGY	<p>MEDIUM for non-NSP participants:</p> <ul style="list-style-type: none"> Potential for new technology and hardware will be required to enable the bidirectional communication link with AEMO to provide telemetry and optionally receive instruction signals. 	0	0	✓		

* Refer to [SCADA Lite Stakeholder Workshop Presentation – 23 August 2023](#) for technical overview

DRSP	Demand Response Service Provider
GEN	Scheduled Generators
IRP	Integrated Resource Providers

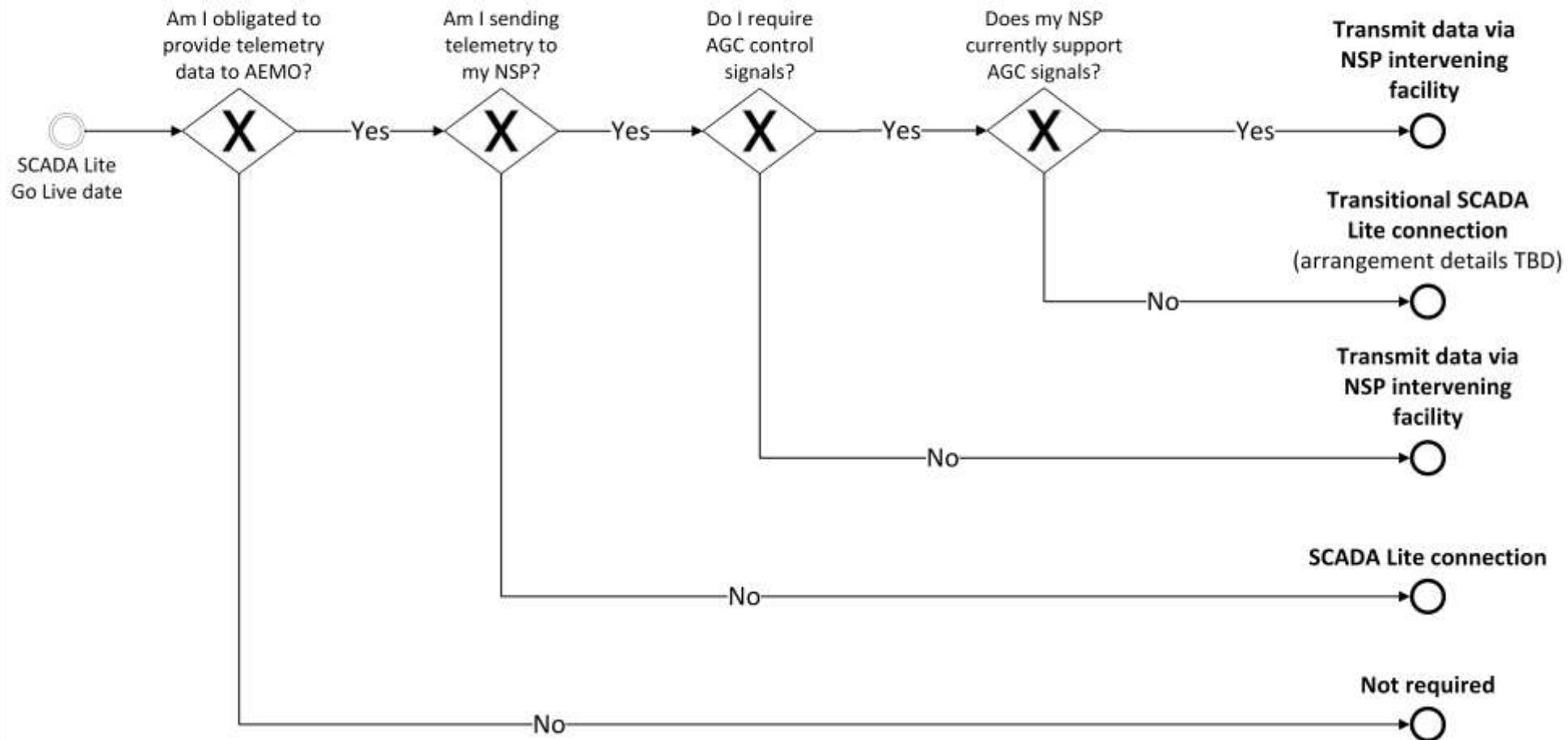
TNSP	Transmission network service provider
DNSP	Distribution network service provider

Eligibility map

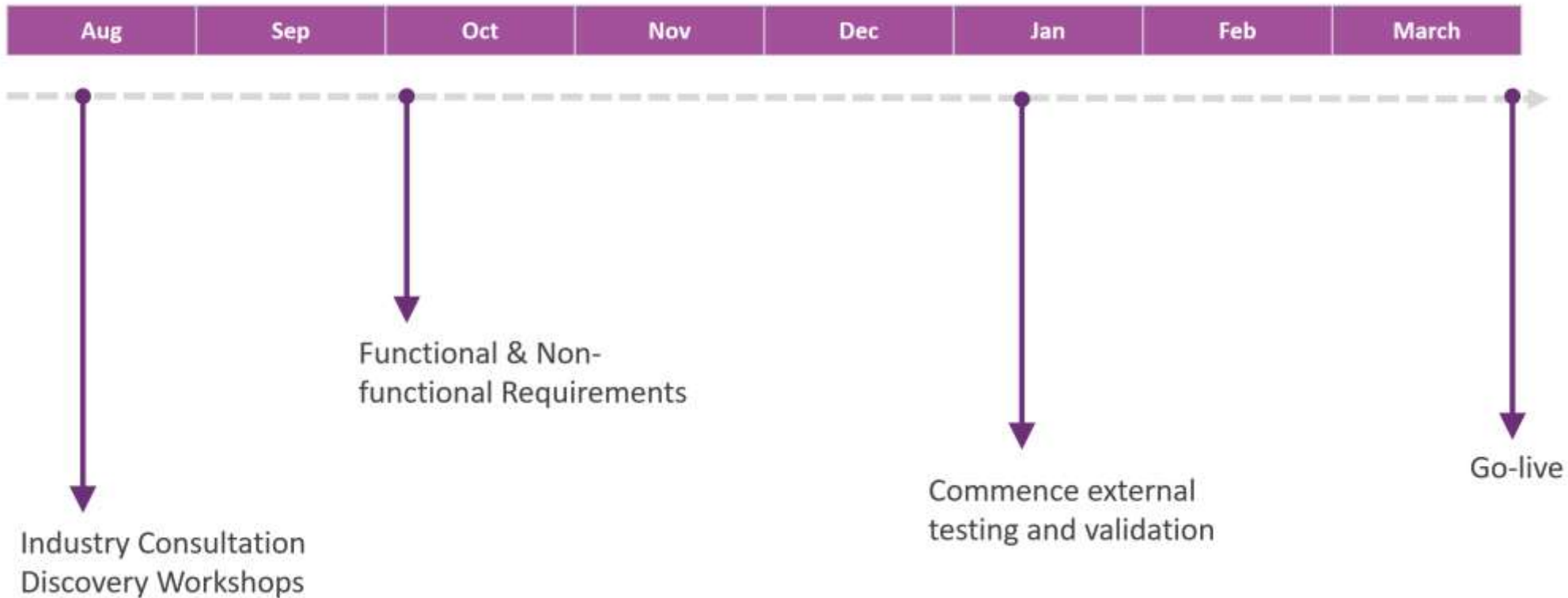
SCADA Lite Decision Tree – Do I need a SCADA Lite Connection?

Decision points to determine if a SCADA Lite connection is required

Version 1.0



Implementation Roadmap



AEMO will develop milestones in line with NEM Reform standard process including participant required guidelines and processes and AEMO progress milestones for incorporation and reporting at future Implementation Forums.

9. Upcoming Engagements

Upcoming Engagements

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

October						
S	M	T	W	T	F	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				

November						
S	M	T	W	T	F	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		

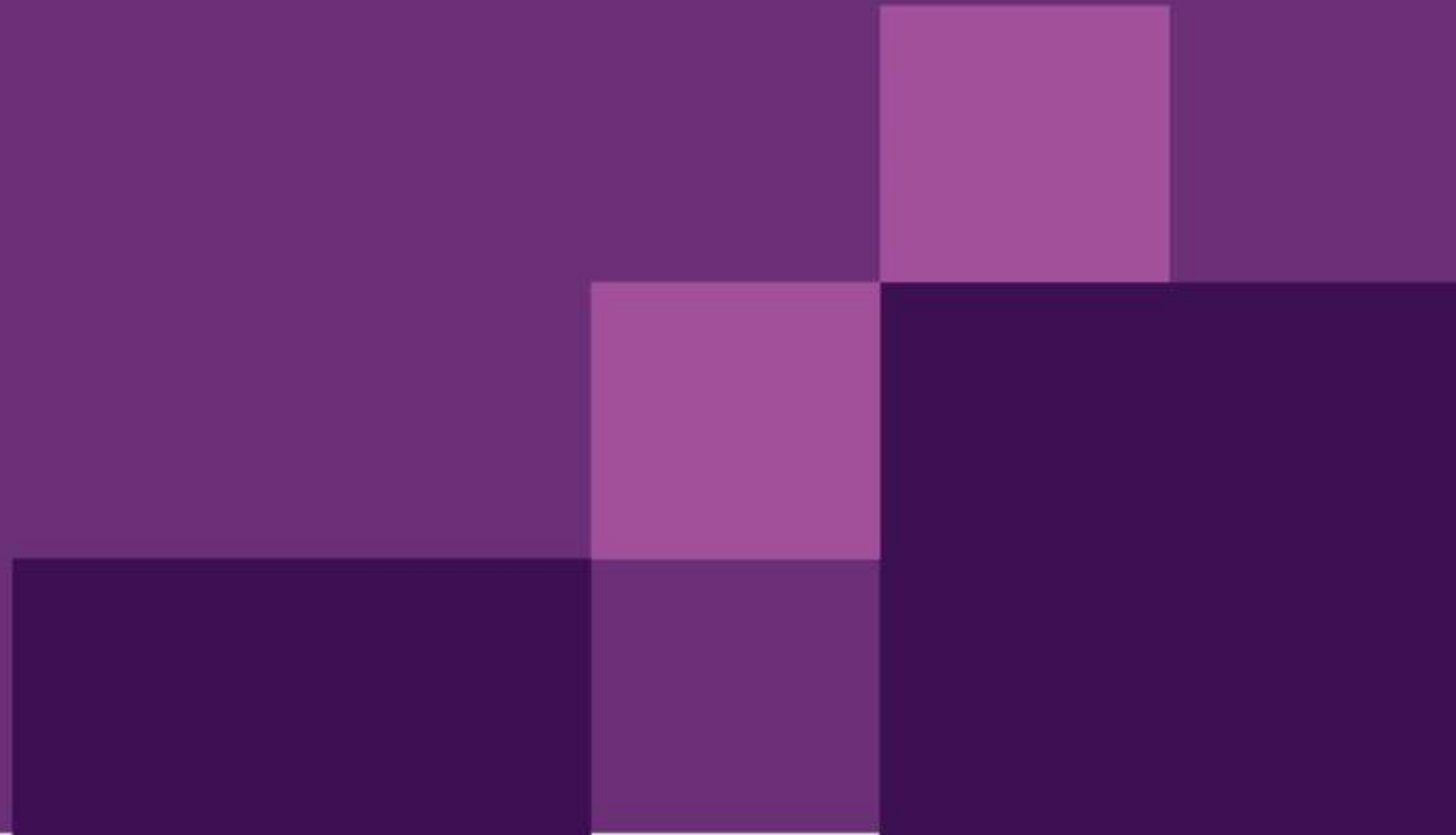
Decemeber						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

To learn more about these events, please visit AEMO's [Industry meeting calendar](#) or contact the program at NEMReform@aemo.com.au.

NEM Reform Program Committees/Forums	
NEM Reform Program Consultative Forum	
NEM Reform Delivery Committee	
NEM Reform Delivery Committee - Collab W	
NEM Reform Implementation Forum	
NEM Reform Electricity Wholesale Consultative Forum	
NEM Reform Executive Forum	
NEM Reform Industry Testing Working Group	
NEM Reform Initiative Specific	
Foundational and Strategic Initiatives	
Other Forums	
AEMO Consumer Forum	
Market Systems User Group (MSUG)	
General & Roadmap Briefing	
Electricity Retail Consultative Forum	
Other	
Natioanl Public Holiday	
State/Territory Public Holiday	
AEMO Office Closed	



General Stakeholder briefing



NEM Reform Program – General Stakeholder Briefing



On 25 October AEMO is welcoming all stakeholders to a briefing on the NEM Reform Program and the upcoming release of the NEM Reform Implementation Roadmap v.3.

The briefing is set out in two sessions and all stakeholders are welcome to join either or both sessions.

Session 1: General briefing

- 25 October 1.00pm – 2.00pm (AEST)
- If you're a market participant or provide services in the NEM, and don't attend our regular forums, this is your opportunity to learn more about the program and how to get involved.

Session 2: NEM Reform Implementation Roadmap briefing

- 25 October 2.00pm - 3.00pm (AEST)
- Provides an overview of the NEM Reform Implementation Roadmap including changes in the v.3 release. The session will benefit market participants and other stakeholders who are looking to effectively manage their own change program.

Please register your interest to attend [here](#) by Friday 20 October.

For more information please contact NEMReform@aemo.com.au.

9. 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.



For more information visit

aemo.com.au