

NEM Reform Program Consultative Forum

Meeting #5
8 March 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(s)
1	1:00-1:05pm (AEDT)	Welcome	Peter Carruthers (AEMO)
2	1:05-1:10pm	Actions & Feedback from Previous Meeting	Peter Carruthers (AEMO)
3	1:10-1:30pm	Program & Release Update	Rowena Leung & Jim Agelopoulos (AEMO)
4	1:30-1:40pm	NEM2025 Forums Update	David Reynolds (AEMO)
5	1:40-1:50pm	NEM Reform Implementation Roadmap Update	Lance Brooks (AEMO)
6	1:50-2:30pm	Releases Update <ul style="list-style-type: none">• March: IESS (FCAS for SGAs)• May: SAPS, CDR, B2B v.3.8, MSDR• August: IESS (ADC)• October: FFR, MT PASA• June 2024: IESS• June 2025: FPP	Luke Barlow (AEMO) Meghan Bibby (AEMO) Luke Barlow (AEMO) Chris Muffett (AEMO) Luke Barlow (AEMO) Chris Muffett (AEMO)
7	2:30-2:50pm	Foundational & Strategic Initiatives <ul style="list-style-type: none">• IDX IDAM PC	Ulrika Lindholm/Andrew Bell (AEMO)
8	2:50-2:55pm	Upcoming Engagements	David Reynolds (AEMO)
9	2:55-3:00pm	General Questions and Other Business	Peter Carruthers (AEMO)

Appendix A: Competition law meeting protocol and AEMO forum expectations

Appendix B: Go Live Criteria Management

"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 & Feedback from Previous Meeting

(Ref: Item = Meeting number/Agenda item number/Ref)

#	Topic	Action	Responsible	Status
4.4.0	NEM2025 Forum Update	Participants to provide suggestions on the appropriate timing to stand up the NEM2025 Executive Forum. Suggestions can be submitted to NEM2025@aemo.com.au.	Participants	Closed
4.6.3	Oct Release – FFR	AEMO to consider publishing a track change tech spec outlining changes made since the previous version to assist industry when conducting their initial impact assessment.	AEMO	Open
4.7.0	Coming up on the Roadmap	AEMO to provide a holistic overview and the proposed approach for IDAM, IDX and PC at the next March 2023 PCF meeting	AEMO	Closed – refer to agenda item 7
4.10.1	General Questions and Other Business	AEMO to consider an approach to extending RDC representation to small - medium electricity retailers.	AEMO	Closed
4.10.2	General Questions and Other Business	AEMO to encourage RDC members to continue to disseminate information from the RDC to the members and organisations they represent at the RDC.	AEMO	Closed

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

3. Program & Release Update

Program Update

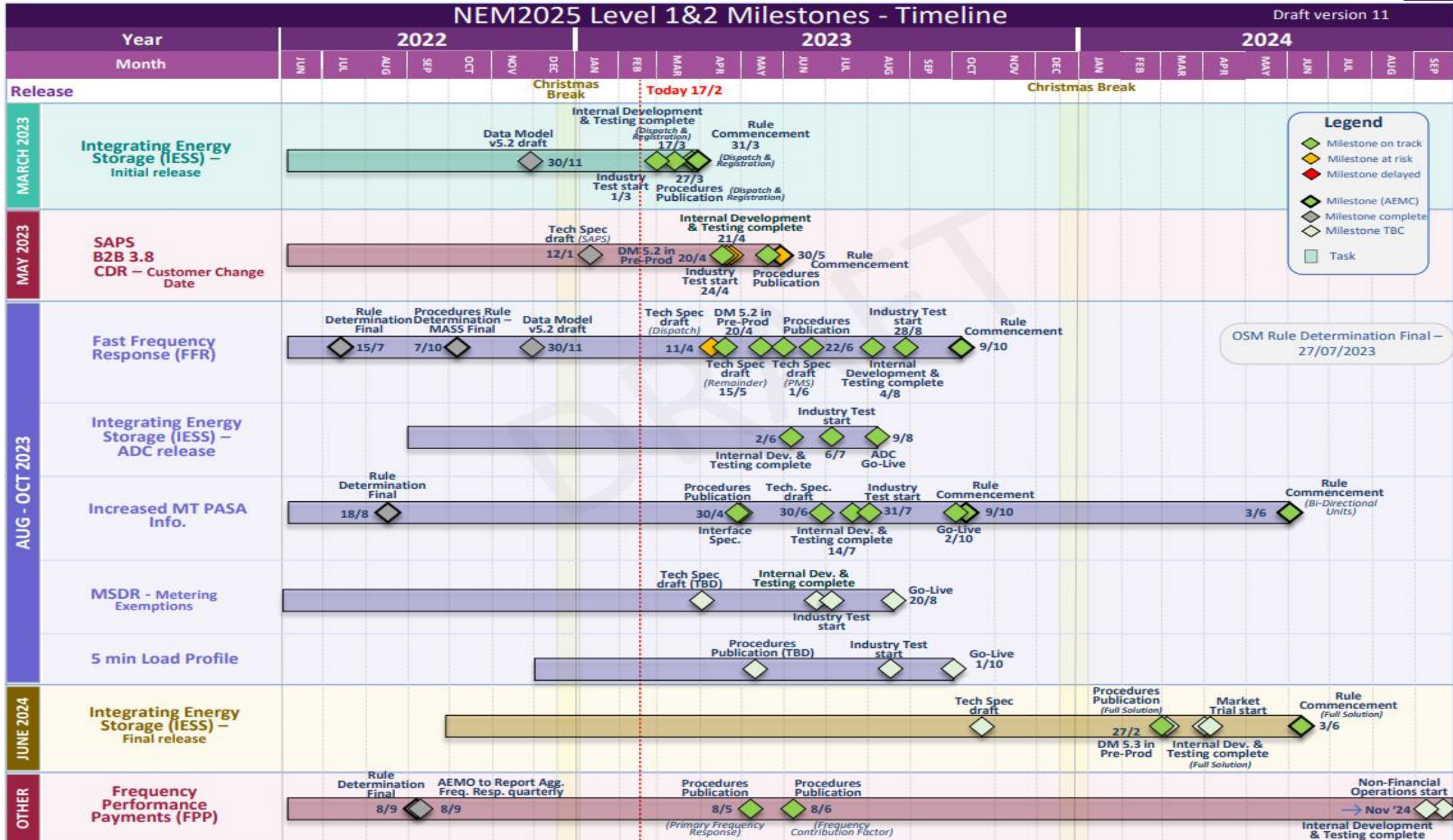
Inflight initiatives - Key points

- March 2023 release
 - IESS Go-live checkpoint performed. On track for 31 March release
- May 2023 release
 - Readiness criteria established for May release
 - SAPS – Amber - Development and testing timeframes compressed
- August 2023 release
 - IESS – 9 August Go-live date confirmed - interim milestone development underway
 - Metering exemptions (MSDR) targeting August Go-live. Date - TBC
- October 2023 release
 - FFR – Draft Tech Spec release for 11/4 - Amber
 - MT PASA – Procedure consultation on track
 - 5 Min load profile – 1 October Go live.
- June 2024 release
 - IESS – Procedure Consultation in progress
- June 2025 release
 - FPP - Procedure consultation underway

Status

Initiatives	Release Dates						Impacted Stakeholders
	Mar-23	May-23	Aug-23	Oct-23	Jun-24	Jun-25	
Integrating Energy Storage Systems [Initial]	Go Live						Market Small Generation Aggregators
SAPS, CDR, B2B v3.8	SAPS MSRP Registration	Go Live					DNBP, Retailers, MP/MDP
Integrating Energy Storage Systems [ADC]			Go Live				Aggregate systems
MSDR			Go Live (TBC)				Metering coordinators and providers
Fast Frequency Response			Dispatch & Reg	Go Live			Generators, Market Customers
5 Minute load profile				Go-live			Market customers / retailers
Increased MT PASA Information				Go Live			Scheduled Generators
Integrating Energy Storage Systems [Final]					Go Live		IRPs, NSPs, vendors, Metering Service Providers, FRMPs
Frequency Performance Payments						Go Live	Generators, Market Customers

External Milestones



4. NEM2025 Forums Update

NEM2025 Forums update

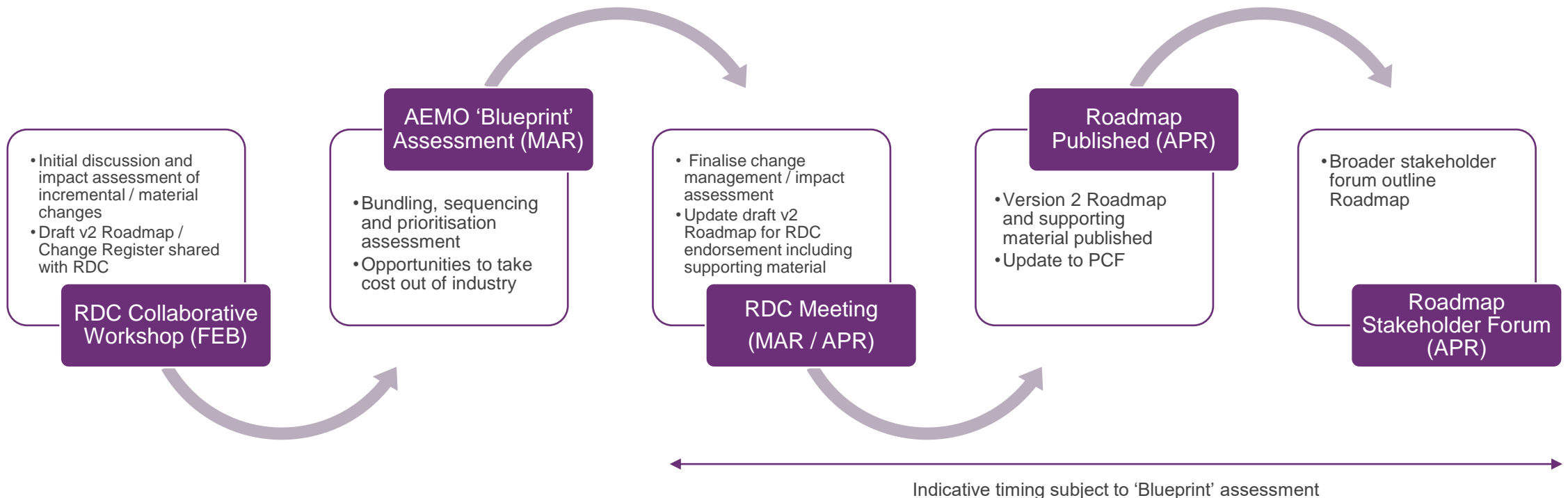
Channel	Current focus	Next meeting
NEM2025 Electricity Wholesale Consultative Forum (EWCF)	<ul style="list-style-type: none"> Terms of reference have been accepted. The current focus is on inflight reform updates for IESS, FFR, FPP, MT PASA, OSM and the Procedures Consultation Roadmap. 	21 March 2023
NEM2025 Industry Testing Working Group (ITWG)	<ul style="list-style-type: none"> ITWG is progressing level of support for SAPS Invitation Industry Testing, approach to industry testing for remainder of May release components. ITWG will support regular Q&A sessions during Industry Test periods. 	30 March 2023
Electricity Retail Consultative Forum (ERCF)	<ul style="list-style-type: none"> This Forum maintains a watching brief on NEM2025 Program initiatives associated with metering and retail procedural impacts. Focus continues to be on March IESS Consultation and other ERCF matters. Pre-formal engagement has now concluded with formal consultation beginning Monday 6 March. 	23 March 2023
NEM2025 Implementation Forum	<ul style="list-style-type: none"> 2023 Releases – Progress and Deployment updates IESS March release go-live checkpoint May Release Readiness Criteria Readiness Approaches for MT PASA, FFR, IESS 	28 March 2023
NEM2025 Executive Forum	<ul style="list-style-type: none"> Project team working to finalise a date for this forum. Items considered for the agenda include: <ul style="list-style-type: none"> Roadmap update Participant fee structure consultation Project cost against budget IDX IDAM PC Status of projects delivered & in flight Proposal on forthcoming initiatives and funding Participant impact assessment Engagement expectations going forward 	Q2/Q3 2023

For description and meeting papers for each of the forums, please refer to the [NEM2025 program](#) website.

5. NEM Reform Implementation Roadmap Update

Keeping the NEM Reform Implementation Roadmap up to date

- AEMO and the RDC are in the process of updating the Roadmap capturing both incremental or material changes across initiatives in accordance with the Change Management Process established for the NEM2025 Program



The following changes have been identified as of February 2023

INCREMENTAL CHANGES

(and action proposed)

- **Fast Frequency Response** (remove 'Frequency Control' from name)
- **Frequency Performance Payments** (committed go-live)
- **Integrating Energy Storage Systems** (rule change requests submitted clarifying implementation requirements – no action at this time)
- **Dispatch / Bids & Offers / Constraints Target State** (include key development checkpoints)
- **FRC Target State** (reflect internal AEMO scoping processes and subsequent initiation)
- **ST PASA Replacement** (committed go-live, include additional procedure/guideline consultation)
- **IDAM / IDX / PC** (update to reflect AEMO workplan including provision for planning activities, process and use case development, gap analysis, ongoing industry consultations, target state development)

MATERIAL CHANGES

(change in timeline or scope)

- **Operational Security Mechanism** (timeline)
- **Congestion Management Mechanism** (timeline / scope)
- **Flexible Trading Arrangements (Model 2)** (timeline)
- **DER Initiatives** (timeline / scope)
- **Scheduled Lite** (timeline)
- **Data Strategy Initiatives** (timeline)
- **Capacity Mechanism** (timeline / scope)

Proposed recommendations to address material changes

Initiative	Update Roadmap (Timing, Initiative Name, Stage Gate)	Complete Detailed Impact Assessment	Re-assess Bundle, Sequence & Prioritisation	Remove Initiative
Operational Security Mechanism	✓	✓	✓	✗
Flexible Trading Arrangements Model 2	✓	✗	✓	✗
Scheduled Lite	✓	✗	✓	✗
Capacity Mechanism	✓	✗	✗	✗
Congestion Management Mechanism	✓	✗	✗	✗
DER Initiatives	✓	✗	✓	✓ (Turn-up Services Only)
Data Strategy Initiatives	✓	✗	✗	✗

Further assessment required of implications of a potentially congested 2025 delivery year, as well as future opportunities to group, sequence and prioritise initiatives

6. Releases Update



March 2023 Release Update

Luke Barlow

March 2023 release - update

Integrating Energy Storage Systems (IESS)

Key Date(s)		Initial Release 31 Mar 2023 – Small Generation Aggregators (SGAs) can participate in contingency FCAS markets			
Likely affected stakeholders		Market Small Generation Aggregators – optional to take up FCAS			
Industry testing anticipated		Industry testing available			
Overall status		ON TRACK for 31 March Go Live			
Procedures	Technical documentation	AEMO development & internal testing	Industry readiness & transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> Procedure changes to support SGA provision of FCAS have been completed 	<ul style="list-style-type: none"> No further Technical updates required for SGA release 	<ul style="list-style-type: none"> Development complete Internal testing complete 	<ul style="list-style-type: none"> No formal industry readiness or transition required. Readiness checkpoint to confirm go-live criteria performed 	<ul style="list-style-type: none"> Industry testing will be available for those SGAs that choose to provide FCAS. Testing Environment available from 01 Mar 2023 Program support via ITWG and Q&A sessions (if needed) 	<ul style="list-style-type: none"> Registration for contingency FCAS available for SGAs from 31 Mar 2023, in line with rule commencement Go-live plan published 16 Feb 2023. Go-live communications plan presented at Implementation Forum (28 Feb 2023).
Relevant links					
Integrating energy storage systems into the NEM AEMC			AEMO Indicative change program		
AEMO Integrating Energy Storage Systems project			AEMO Integrating Energy Storage Systems Working Group		

Go-live criteria management for March release: Industry checkpoint held at Implementation Forum 28/02

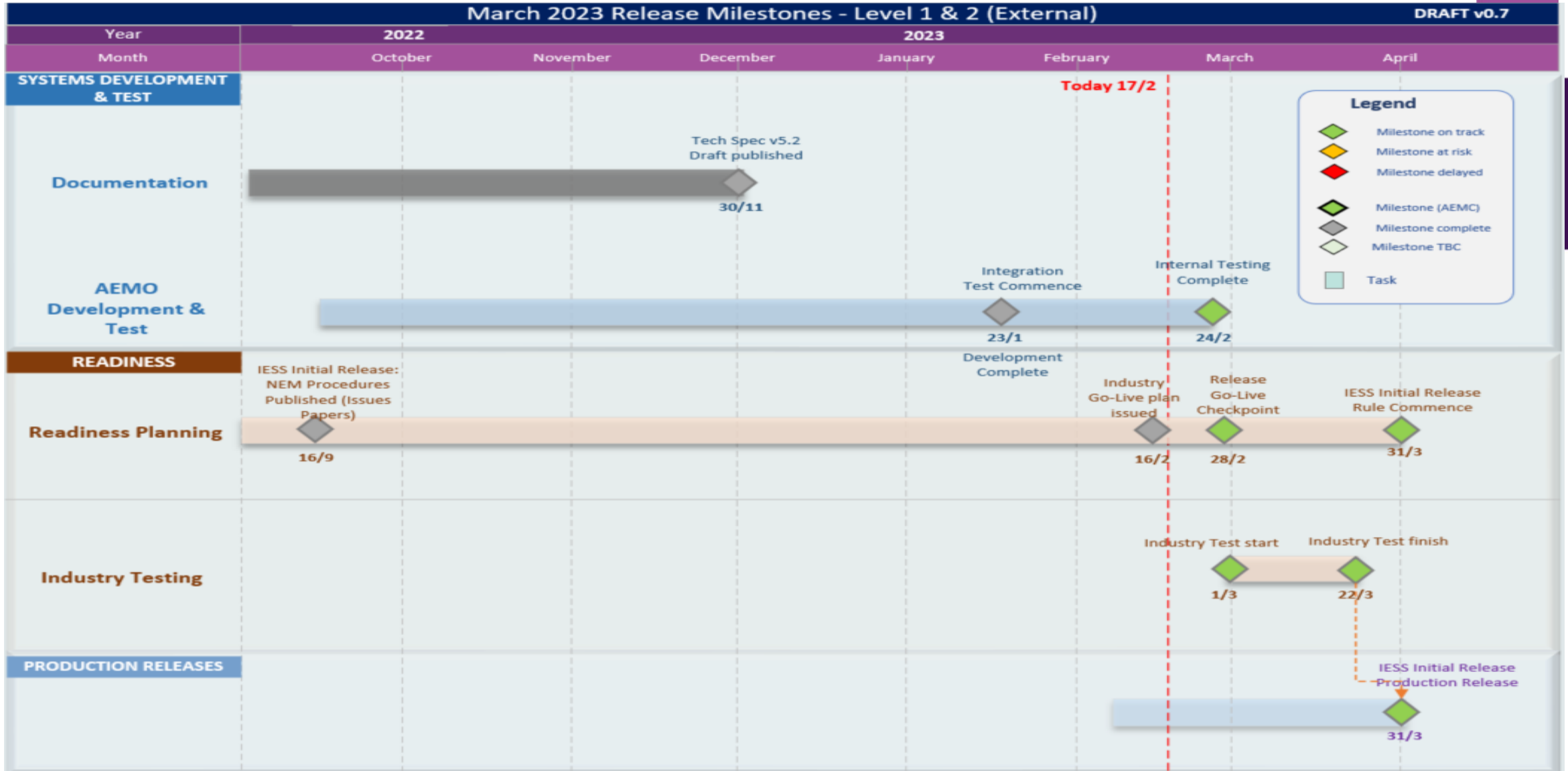
PURPOSE

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

SUMMARY

- ✓ **On-track** for 31 Mar 2023 rule commencement
 - Market Small Generation Aggregators (MSGAs) can participate in contingency FCAS markets
- ✓ Checkpoint criteria reviewed with Implementation Forum
 - Criteria assessment accepted
 - Implementation Forum members requested updated communications in event of subsequent issue resulting in No-Go.
- ✓ AEMO's testing is complete with no outstanding defects
 - Outstanding regression test provided assurance of correct data flow and content to Settlement, however, full settlement run not completed
 - Business risk assessment indicates low risk of residual issue
- ✓ Solution endorsed for pre-production release on 1/3
- ✓ Go-live plan is in place
- ✓ All business readiness preparations are completed or on target for completion for 31 Mar 2023.
- ✓ No indication that contingency will be needed

March 2023 release: IESS - FCAS for SGAs





May 2023 Release Update

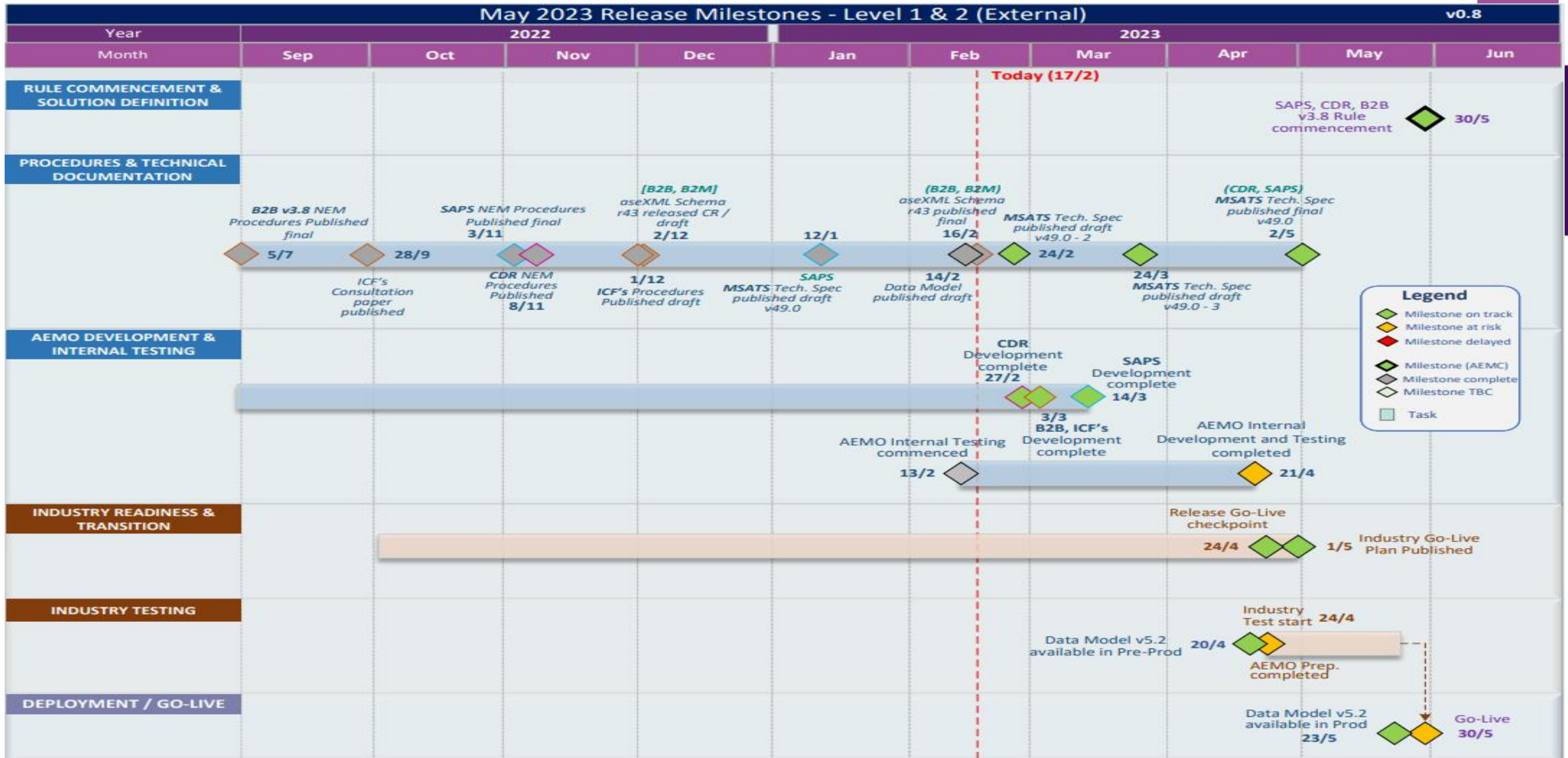
Meghan Bibby

May 2023 release - updates

SAPS, CDR pt 2, B2Bv3.8, ICFs

Key Date(s)	31 March SAPS MSRP Registration, 30 May Commencement				
Likely impacted stakeholders	DNSP, Retailers, MP/MDP				
Industry testing anticipated	Invitation Industry Testing for SAPS, Industry Testing for other components				
Overall status	Overall On Track Status AMBER : B2B, CDR on track. SAPS on track but some pressures emerging. MSDR (Metering Exemptions) deferred to August TBC. 5MLP 1 October.				
Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> Load Profiling Final Report including 5MLP and 3 ICFs published 24/2. Effective date for 3 ICFs is 30 May and 5MLP is 1 October 2023. Proposal received to delay CDR MSATS procedure effective date to 1 November 2023 based on risk of incorrect maintenance of LCCD with a staggered population approach <ul style="list-style-type: none"> Date change to be consulted on. Changes release of AEMO LCCD population logic and large 3 retailers LCCD population. 	<ul style="list-style-type: none"> Final aseXML r43 schema published 16/2 (AEMO's website) MSATS V49.0 released 24/2 incorporates changes for May scope Specification Q&A held 15/2, covering all changes included in May release and EMMS changes for SAPS. 	<ul style="list-style-type: none"> Design & Development activities proceeding for all areas of May release, some schedule pressure noted for SAPS development Integration testing has commenced for May Release with team rescheduling components to address late commencement Development and Testing milestone for completion at risk with AEMO managing schedule pressures requiring overlapped development and Testing 	<ul style="list-style-type: none"> AEMO readiness criteria for May components established, contingency approaches under consideration and presented to Implementation Forum Contingency approach proposed for assessment against go-live criteria 	<ul style="list-style-type: none"> Planning of Invitation industry Test for SAPS and Industry testing for other release components Invitation Industry Testing to support SAPS implementation is expected Industry testing for other components will be supported 	<ul style="list-style-type: none"> SAPS MSRP registration material available 31 March 2023 with registration able to commence from 17th April SAPS, CDR Phase 2, B2B go live 30 May 2023 5MLP implementation 1 Oct 2023 MSDR (Metering Exemptions) August Release (TBD)
Relevant links					
AEMO Consumer Data Rights MSATS Consultation			AEMO Standalone Power Systems (SAPS) – Identifying a SAPS NMI in MSATS		
AEMO Load Profiling Methodologies Consultation			AEMO B2B Procedures v3.8		

May 2023 – SAPS, CDR pt 2, B2Bv3.8, ICFs





August 2023 Release Update

Luke Barlow

August 2023 release - update

Integrating Energy Storage Systems (IESS)

Key Date(s)	Aggregated Dispatch Conformance implementation 09 Aug 2023
Likely affected stakeholders	Aggregate systems, connecting NSPs, control system vendors/developers – optional to use aggregated dispatch conformance
Industry testing anticipated	Industry testing available
Overall status	ON TRACK

Procedures	Technical documentation	AEMO development & internal testing	Industry readiness & transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> Dispatch Procedure to support dynamic ADC published 10 Feb 2023. Procedure changes to support aggregate dispatch conformance have been completed. 	<ul style="list-style-type: none"> Data Model 5.2 draft released. This release includes the updates required for ADC. No further Technical updates required for SGA release 	<ul style="list-style-type: none"> Development in progress, expected to be complete by end of March Internal testing being planned 	<ul style="list-style-type: none"> No formal participant industry readiness or transition required. Go-Live Criteria for AEMO solution and business operations 	<ul style="list-style-type: none"> Industry testing will be available for those aggregate systems that choose to confirm in aggregate. Test environment expected to be available 06 Jul 2023, overlaps with FFR and MT PASA under consideration Program support via ITWG and regular Q&A sessions 	<ul style="list-style-type: none"> ADC go-live date confirmed for 09 Aug 2023. AEMO has updated readiness milestones to reflect new ADC delivery timeline (next slide).

Relevant links

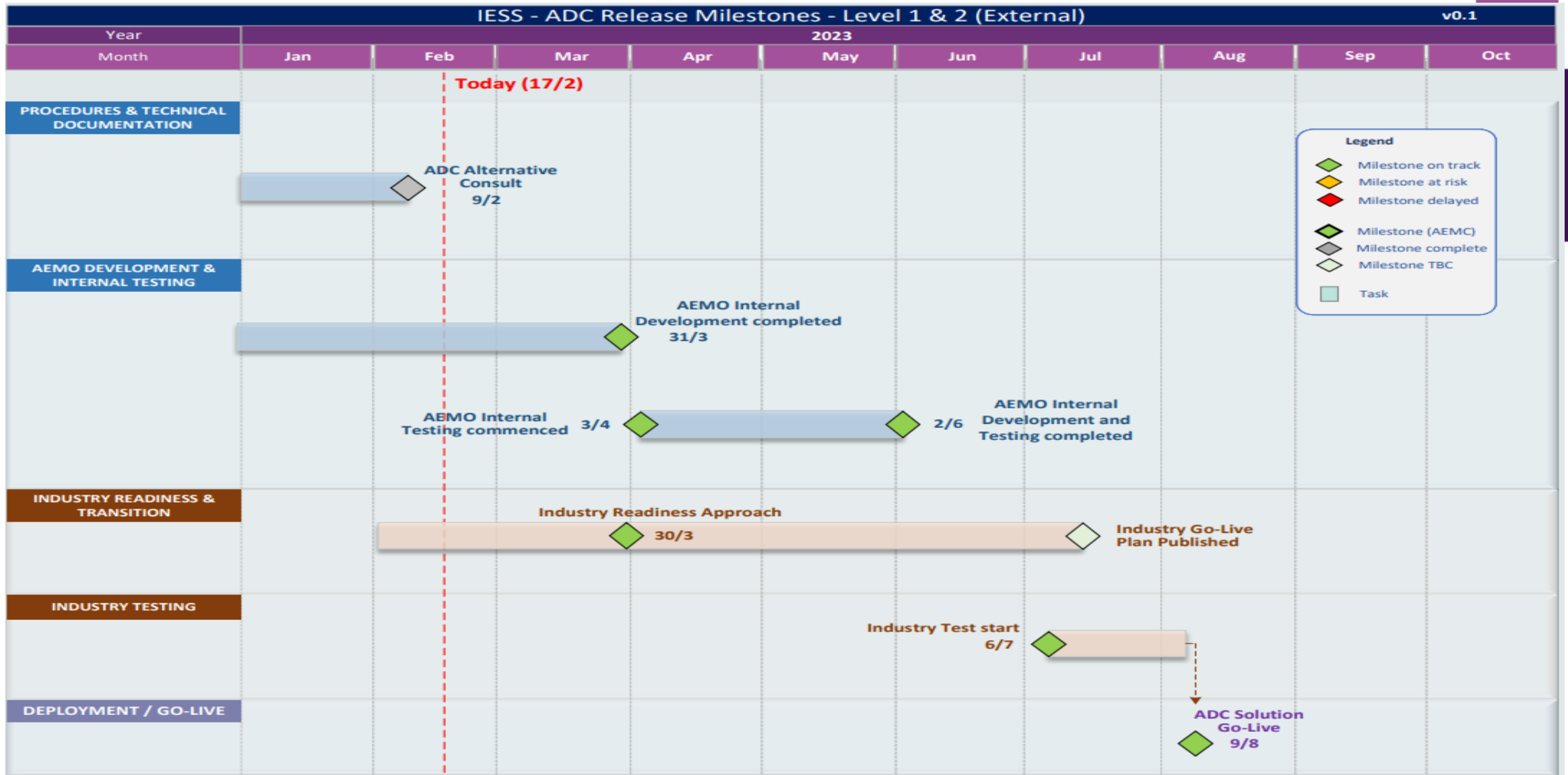
[Integrating energy storage systems into the NEM | AEMC](#)

[AEMO | Indicative change program](#)

[AEMO | Integrating Energy Storage Systems project](#)

[AEMO | Integrating Energy Storage Systems Working Group](#)

August 2023 release: IESS – Aggregated dispatch conformance





October 2023 Release Update

Chris Muffett

October 2023 release - FFR

Fast Frequency Response

Key Date(s)	Go-live October 2023
Likely impacted stakeholders	Generators, Market Customers, Traders
Industry testing anticipated	AEMO will be facilitating industry testing in the pre-production environment, and will involve exercising dispatch and settlement processes of the new services.
Overall status	Overall On Track , AEMO development in Progress, Procedure consultations in progress

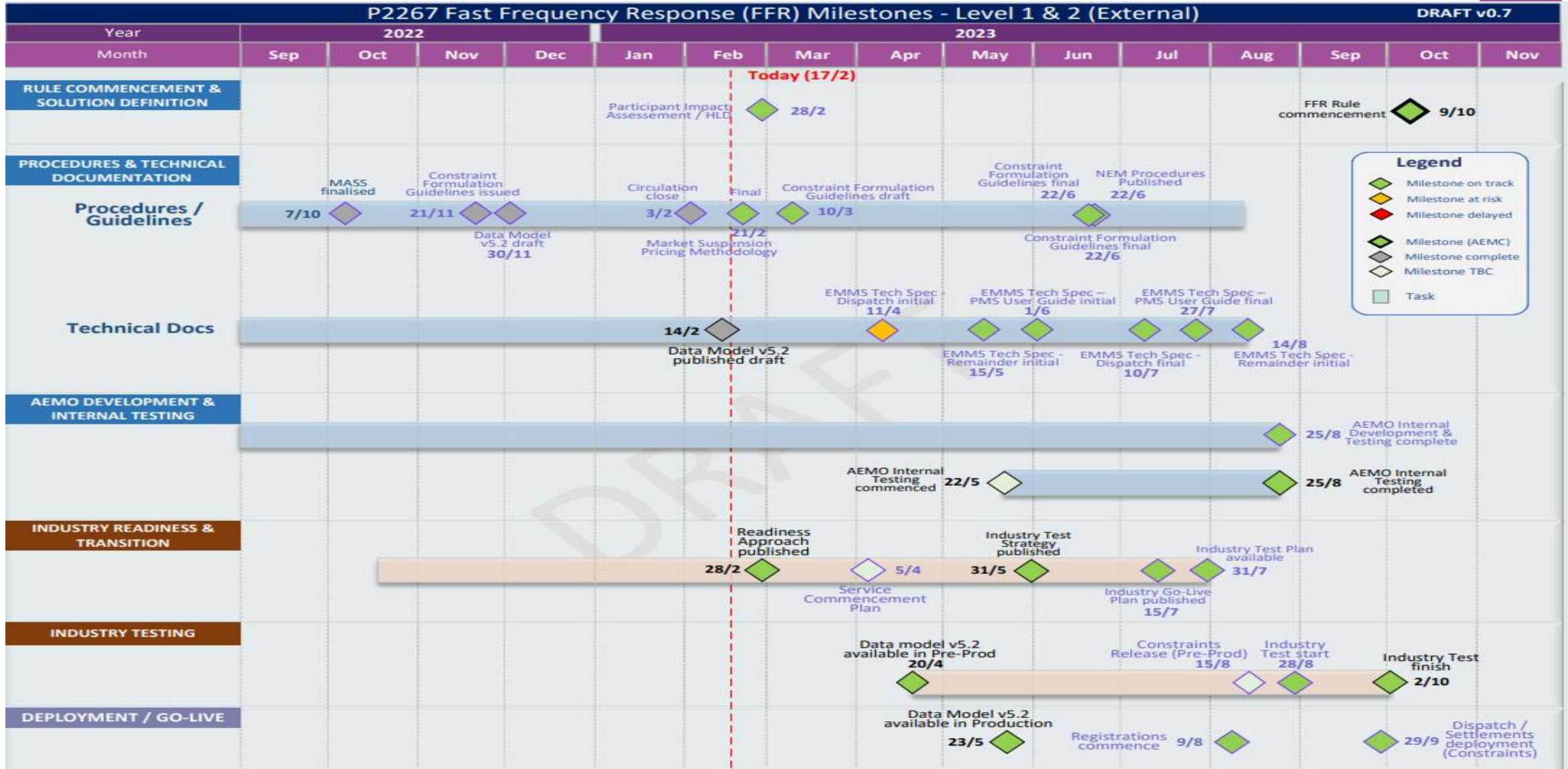
Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> • MASS Finalised 7 October • Constraint and formulation guidelines consultation in progress, Draft due 10/3 • Market Suspension Pricing methodology Final report released 1/3 	<ul style="list-style-type: none"> • Data Model changes released in v5.2 (March 2023). Tables to remain unpopulated until capability released. Implementation Date to be updated to reflect 5.2 release • Changes to bidding, dispatch and settlement interfaces incorporated in EMMS Technical Spec updates, draft to be released 11/4. AEMO undertaking Mitigation activities to deliver to this milestone 	<ul style="list-style-type: none"> • Development in progress for Dispatch and Settlement updates • Overlap of development and integration testing reflects multiple deployments 	<ul style="list-style-type: none"> • Initiative Readiness Approach presented provided to Implementation Forum • Industry readiness to address both technical and service commencement criteria to be defined • Draft of Service Commencement plan 31/3 – to be followed by briefing session for participant input 	<ul style="list-style-type: none"> • Testing Approach to agree structure and timing of Industry test, engagement on approach planned for May 23 • Approach will involve end to end test of dispatch and settlements 	<ul style="list-style-type: none"> • Changes will be deployed to production to enable registration and submission of bids for new service • Timings to be reflected in Industry Go-Live plans with Draft approaches issued mid July (TBC)

Relevant links

[AEMO | Amendment of the Market Ancillary Service Specification \(MASS\) – Very Fast FCAS](#)

[Fast frequency response market ancillary service | AEMC](#)

FFR Milestones and progress

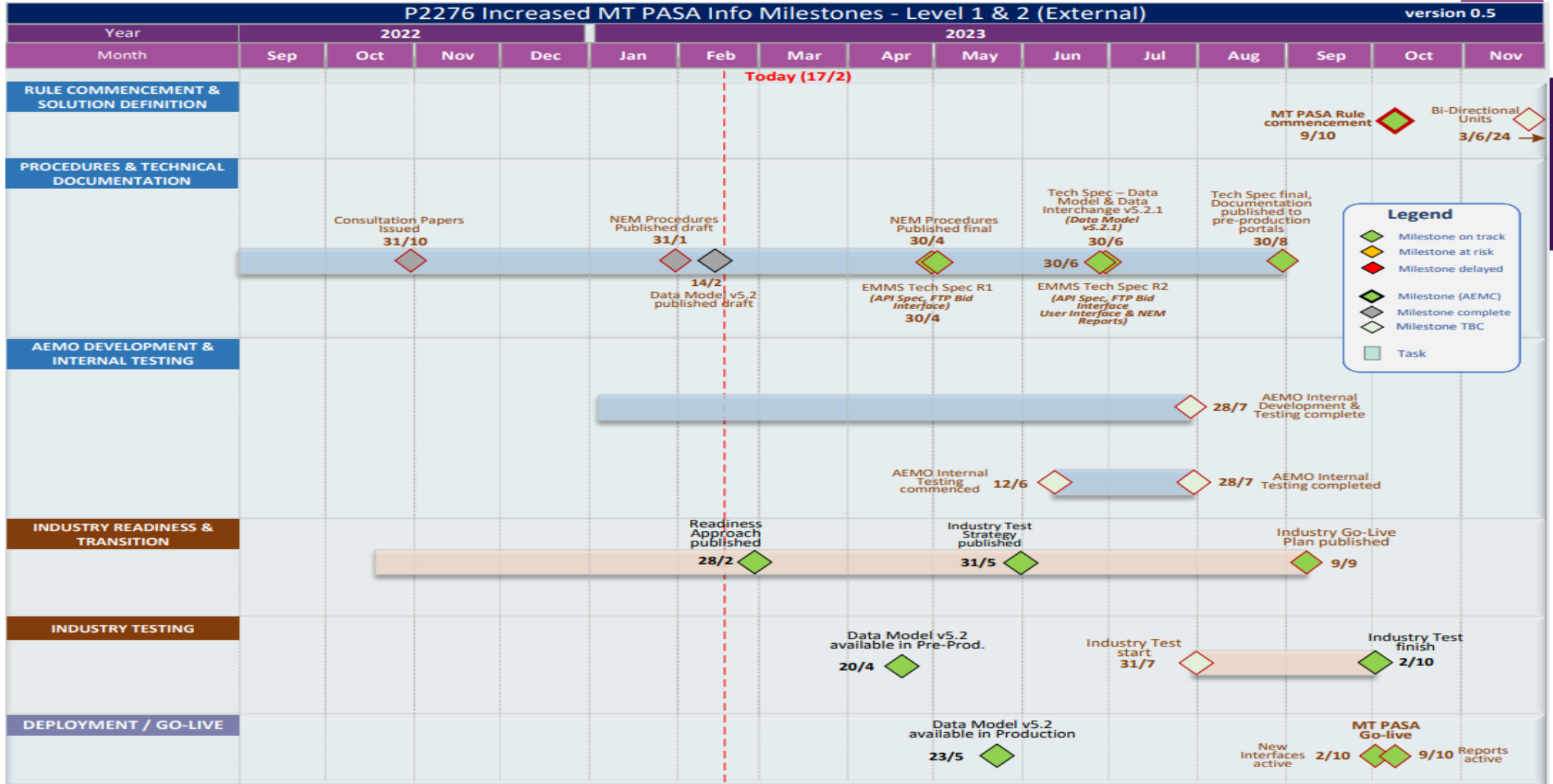


October 2023 release – Increased MT PASA Information

Increased MT PASA Information

Key Date(s)	Go-live October 2023				
Likely impacted stakeholders	Scheduled Generators				
Industry testing anticipated	Industry Testing in same timeframe as FFR				
Overall status	Overall On Track , AEMO development in Progress, Procedure consultations in progress				
Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> RSIG and Energy Adequacy Assessment guidelines consultation in progress , Draft issued 31/1 	<ul style="list-style-type: none"> Data model changes for MT PASA have been included in release 5.2 of data model. API interfaces to be provided to support transition from FTP delivery as optional capability Technical Specifications draft scheduled for 10/4 	<ul style="list-style-type: none"> AEMO development commenced in line with overall delivery timeframes 	<ul style="list-style-type: none"> Readiness Approach reviewed with Implementation Forum 28/2 Capability for participants to provide updated information will go live 1 week prior to rule commencement to support compliance 	<ul style="list-style-type: none"> Industry Testing timeframes will overlap with FFR and ADC Engagement via ITWG commencing in May 	<ul style="list-style-type: none"> Deployment dates to be confirmed. Planned deployment 2/10 to allow updates to MT PASA information ahead of rule commencement. Reporting capability to be deployed 9/10
Relevant links					
Enhancing information on generator availability in MT PASA AEMC			AEMO NEM Reliability Forecasting Guidelines and Methodology Consultation		
AEMO Amendment of the Market Ancillary Service Specification (MASS) – Very Fast FCAS					

MT PASA Milestones and progress





June 2024 Release Update

Luke Barlow

June 2024 release: Integrating energy storage systems

Integrating Energy Storage Systems (IESS)

Key Date(s)	NECR go-live proposed to be Sun 02 Jun 2024; IRP/BDU go-live Mon 03 Jun 2024; End IRP registration grace period 03 Dec 2024
Likely affected stakeholders	<ul style="list-style-type: none"> Changes to non-energy cost recovery framework (NECR): Financially responsible market participants Introduction of IRP participant type and bi-directional unit (BDU) bidding, scheduling and participation: BDU participants, bidding system vendors/developers
Industry testing	Market Trial (TBC)
Overall status	Overall ON TRACK . Procedures development in progress. Assessing development and testing activities to confirm overall timeline

Procedures	Technical documentation	AEMO development & internal testing	Industry readiness & transition	Industry testing	Deployment and go-live
<ul style="list-style-type: none"> Procedure change program established and on track Mix of standard and minor/administrative changes over broad range of procedures <p>Current consultations:</p> <ul style="list-style-type: none"> Guide to generator exemptions and classification Second round submissions due Tue 14 Mar 2023 <p>Upcoming consultations</p> <ul style="list-style-type: none"> Retail and metering 06 Mar 	<p>Changes to:</p> <ul style="list-style-type: none"> MSATS technical specification EMMS technical specification MMS Data model aseXML schema (version release TBC) <p>Milestones: Publication of tech spec releases to be confirmed</p>	<ul style="list-style-type: none"> In planning stages, schedule being baselined. Scheduling constraints being addressed. AEMO requirements definition in progress. 	<ul style="list-style-type: none"> Overarching Industry Readiness Approach discussed with Implementation Forum 28 Feb 2023. Consequent industry readiness planning and implementation activities will occur from Q1 2023 to go-live. IESS settlement workshop held 21 Feb 2023 re changes affecting FRMPs. Workshop on BDU bidding/dispatch considerations being planned. TBC 	<ul style="list-style-type: none"> Timing, duration and coverage of market trial TBC. Market Trial plan will be developed in conjunction with the ITWG. Program support via ITWG and regular Q&A sessions 	<ul style="list-style-type: none"> AEMO submitted rule change request (Dec 2022) to align the NECR go-live with a NEM billing week (plus other implementation amendments). AEMC consultation paper expected to be published Thu 02 Mar. Please consider making a submission.

Relevant links

[Integrating energy storage systems into the NEM | AEMC](#)

[AEMO | Indicative change program](#)

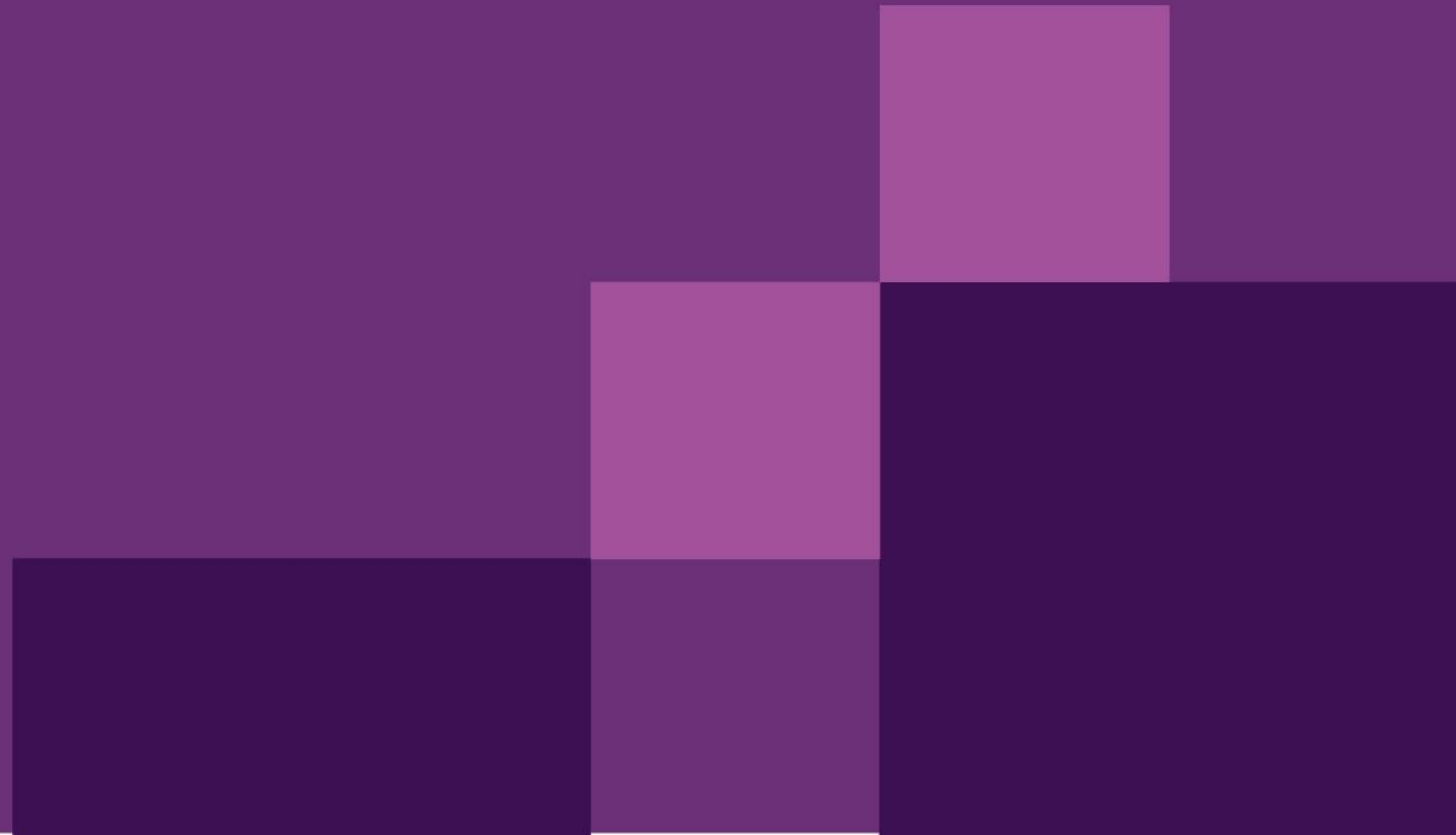
[AEMO | Integrating Energy Storage Systems project](#)

[AEMO | Integrating Energy Storage Systems Working Group](#)



June 2025 Release Update

Chris Muffett



June 2025 release Frequency Performance Payments

FREQUENCY PERFORMANCE PAYMENTS (FPP)

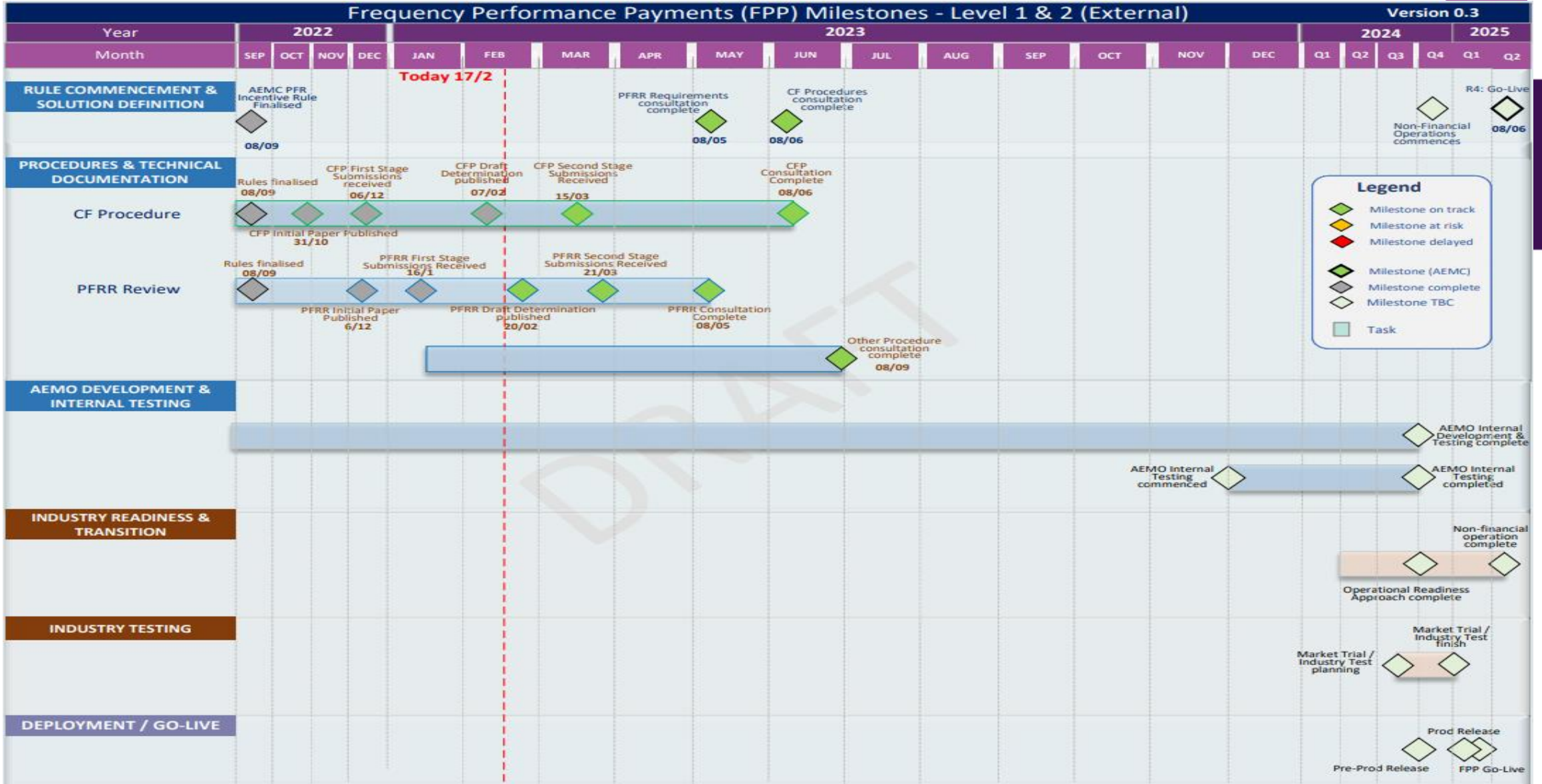
Key Date(s)	Go-live June 2025;
Likely impacted stakeholders	Generators, Market Customers
Industry testing anticipated	Extended period of non-financial operation for participant validation expected, Scope/ Approach of Industry testing TBC

Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> Frequency Contribution Factor Procedure consultation in progress, draft report released 7/2 with submissions due 15/3 Frequency Response requirements consultation in progress, draft report released 20/2 with submissions due 21/3 Consultation workshops held, including technical sessions on the procedure and reporting 					

Relevant links

[AEMO | Frequency Performance Payments project](#)

FPP- June 2025



7. Foundational & Strategic Initiatives

Introduction

- Overview of three foundational / strategic NEM Reform initiatives for consideration:
 - IDX (Industry Data Exchange)
 - IDAM (Identity and Access Management)
 - PC (Portal Consolidation)
- Background & Context
- Proposed consultation approach
- Call for nominations.

Background – Strategic / Foundational initiatives

Pathway	Initiatives	Description
Foundational <ul style="list-style-type: none"> Foundational dependency work to deliver an uplift to base capability on which reforms are dependent 	<ul style="list-style-type: none"> Identity Access Management (IDAM) 	<ul style="list-style-type: none"> A unified mechanism to authenticate participant users and applications when accessing AEMO services.
	<ul style="list-style-type: none"> Industry Data Exchange (IDX) 	<ul style="list-style-type: none"> Unified access to AEMO services across all markets, using modern authentication and communication protocols, facilitating a cohesive approach to industry data exchange. This will leverage IDAM
Strategic (Related) <ul style="list-style-type: none"> Strategic dependency work to effectively futureproof capabilities and scalability of systems thereby avoiding investment in systems that will become end-of-life shortly after the reforms take effect 	<ul style="list-style-type: none"> Portal Consolidation (PC) 	<ul style="list-style-type: none"> A 'single pane of glass' user experience for participants accessing all AEMO browser based services

- These initiatives have been identified for the NEM Reform Program and included in the [NEM Reform Implementation Roadmap](#).
- AEMO has committed to an industry consultation process to determine a transition strategy for the three initiatives before any funding decision is made.
- AEMO facilitated a Discovery process for the Industry Data Exchange initiative in Feb-June 2021.

Background

Industry Data Exchange 2021 Discovery Recap

- Discovery for Industry Data Exchange facilitated in 2021 to define drivers, scope, goals, objectives, benefits and transition approach as a baseline to commence future phases.
- A series of workshops and stakeholder survey held Feb-June 2021.
- 27 organisations participated from across NEM, WEM and Gas.
- Diverse Business and Technical roles represented.
- Key recommendations:
 - Data exchange roadmap
 - Manage frequent change
 - Improved documentation
 - Centralise IDAM.

Activity:	Description
Pain Points workshop - AEMO	Identified AEMO pain points in regards to market participation, mechanisms and integrity.
Pain Points workshop - Industry	Identified and prioritised industry pain points.
Participant survey	Surveyed industry perspectives on - prioritisation of the pain point - capturing & prioritising qualitative benefits
Benefits workshop - AEMO	Identified AEMO's options to address challenges identified.
Final workshop - Industry	Summarised findings and workshopped prioritisation of options.

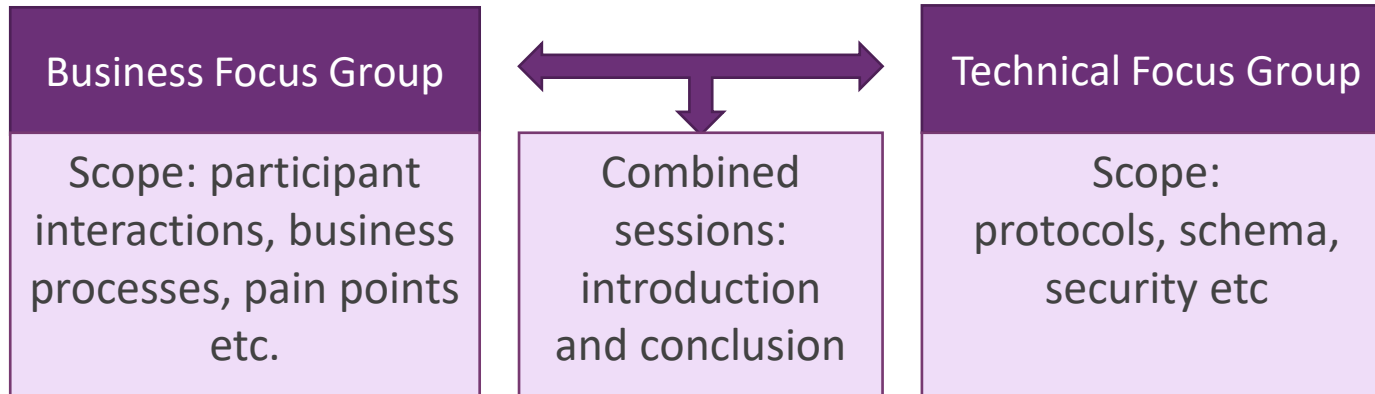
Context to approach in 2023

- Early stakeholder feedback indicates an upfront whole of market transition for all three initiatives would create undesirable risk and cost.
- Without a strategy and roadmap, what is our approach to:
 - Greenfield initiatives (such as DER)?
 - Significant reinvestment in market processes (such as Causer Pays)?
- How do we align / leverage the regulatory reform program?
- Are there technical solutions to enable parallel operation / opt in?
- Cyber increasingly a driver for enhanced IDAM.

Proposed consultation approach

An industry consultation program to:

- Identify framework fundamentals
- Align on transition strategy and roadmap
- Consider key impacts and benefits.



Scope includes DER, Electricity Retail, Electricity Wholesale, (less emphasis on Gas Retail).

Sample topics to help industry participants identify the right contributors:

- Approach for areas that have legacy structures vs areas that don't
- Where business value is best achieved
- Sunset and N-1 issues as part of transition

AEMO is seeking feedback from the NEM2025 Program Consultative Forum on the proposed consultation approach including the focus, timings, workshop structure and the intended audience.

Proposed consultation approach

Workshop schedule

Proposed Dates	Purpose	Participants	Estimated length	Ask from stakeholders
8 Mar (today)	Consult with industry participants on proposed consultation approach via the Program Consultative Forum	PCF	15-20 min presentation	Feedback on proposed workshop structure, purpose, and the intended audience
22 Mar	Session 1: Introduction (IDX, IDAM & PC)	Combined business/technical	1hr	Digest the content and identify the right contributors to be involved in workshops
17 April*	Session 2: Discovery (IDAM and PC) – <i>Business & Technical break out sessions</i>	Technical & Business breakout sessions	3hr x 2	Identify pain points and key features/benefits that will drive business value
17 Apr –26 Apr*	Stakeholder survey	Combined		
15 May	Session 3a: Target State Proposal (IDX, IDAM, PC)	Technical	6hr (in person, with lunch break)	Feedback on proposed target state models for IDX, IDAM and PC
22 May*	Session 3b: Target State Discussion (IDX, IDAM, PC)	Business	3hr	Feedback on proposed target state with sample use cases
19 June	Session 4a: Transition Strategy, Impacts & Benefits (IDX, IDAM, PC)	Technical	5hr (with lunch break)	Consider Transition Strategy and Impacts/Benefits. Provide feedback.
26 June*	Session 4b: Transition Roadmap, Impacts & Benefits (IDX, IDAM, PC)	Business	4hr	Consider Transition Roadmap and Impacts/Benefits. Provide feedback.
10 July*	Session 5: Conclusions	Combined	2hr	Consider summary findings & recommendations

*Dates have been adjusted from the original meeting pack. A revised version will be distributed.

Call for nominations

- Objective summary: To align on an industry transition strategy and roadmap.
- AEMO is seeking nominations for two Focus Groups:
 - Business – participant interactions, business processes, pain points...
 - Technical – protocols, schema, security...
- Scope includes Electricity Retail, Electricity Wholesale, DER, (less emphasis on Gas Retail).
- Contributors will be expected to actively participate in workshops, bring industry domain experience and business / technical capability.

Nominations for Business and Technical Focus Groups due to NEM2025@aemo.com.au
by 23 March COB.

8. Upcoming Engagements

Upcoming Engagements

March						
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		

April						
S	M	T	W	T	F	S
1	2	3	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						

May						
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			

June						
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	

Legend
Program forums
NEM2025 Program Consultative Forum
Reform Delivery Committee
Reform Delivery Committee - Collab W.
Implementation Forum
Electricity Wholesale Consultative Forum
Electricity Retail Consultative Forum
Industry Testing Working Group
AEMO Consumer Forum

To learn more about these events, please visit AEMO's [Industry meeting calendar](#) or contact the program at NEM2025@aemo.com.au.

9. General Questions and Other Business



NEM2025@aemo.com.au



[NEM2025 Program Consultative 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.

Appendix B: Go Live Criteria Management

NEM 2025 Reform Program

Industry Readiness principles

1. All NEM2025 Initiatives will have an established readiness approach to support participant implementation and the criteria against which go-live decisions will be made. Readiness to Go-Live decisions are to be made on an Initiative basis
 1. Approach to Initiative Readiness will be documented in Initiative Readiness Approach
2. Readiness Criteria will be reported to Industry transparent and consistent manner, allowing for difference in level of detail and emphasis for scale and impact of individual initiatives
3. Initiative readiness will address both the implementation of the initiative and the NEM continuing to operate with integrity
4. AEMO will be responsible for their operational readiness to support initiatives at go live and the readiness of systems upgrades required
5. Market participants will be responsible for their own preparations and readiness for those initiatives that impact their business. The AEMO program will facilitate and support those preparations as a component of the program delivery in-line with agreed readiness approach
6. Where individual initiatives are implemented at the same time, readiness aspects should reflect the combined delivery impact of those initiatives

NEM 2025 initiative readiness assessment principles

- External Milestone reporting to provide guidance to Industry Participants regarding Initiative progress
 - Once baselined, a proposed shift to Milestones will require Industry Impact assessment
- Initiative Readiness Criteria will be established for each initiative addressing Solution, AEMO and Industry aspects:
 - Criteria and contingency approaches will consider the optionality and complexity of initiatives
 - Implementation forum will be point of industry engagement for development and management of criteria
 - Contingency planning and risk mitigation approaches are to be applied against criteria to provide AEMO readiness assessment to industry
 - Contingency options to include rule change to commencement date to maintain integrity of NEM operations
 - Progressive assessment of readiness criteria and contingency options must take into account timeframe for option implementation
 - Where Participant readiness, or completion of participant activity is considered a “go-live” criteria, participants reporting will be required to support assessment and status (Mandatory)
 - Participant readiness reporting to be considered where lack of participant readiness would impact smooth operation of market and Business functions, although would not halt rule implementation (Desirable)
 - Readiness Criteria (in the case of service introduction) may distinguish technical/ solution readiness and service introduction criteria
- Initiative Readiness checkpoint (Solution, AEMO Business & IT and where relevant Participant) prior to the scheduled commencement of the Industry Test / Market Trial period to provide participant certainty on readiness and implementation timings



For more information visit

aemo.com.au