

# NEM Reform Program Consultative Forum

Meeting #9  
12 July 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	<b>Welcome</b>	Peter Carruthers
2	1:05-1:10pm	<b>Actions &amp; Feedback from Previous Meeting</b>	Peter Carruthers
3	1:10-1:25pm	<b>Program &amp; Release Update</b>	Rowena Leung & Jim Agelopoulos
4	1:25-1:35pm	<b>Industry Risk Register</b>	David Reynolds
5	1:35-2:00pm	<b>Discussion</b> August: IESS (ADC) October: FFR June 2025: FPP	Luke Barlow Chris Muffett Oliver Derum
6	2:00-2:20pm	<b>June 2024: IESS</b>	Luke Barlow
7	N/A	<b>Noting – Commencement Updates</b> October: MT PASA, 5MLP November: CDR, Metering Exemptions	N/A - Taken as read
8	2:20-2:40pm	<b>Foundational &amp; Strategic Initiatives</b> IDX IDAM PC	Ulrika Lindholm & Andrew Bell

#	Time	Topic	Presenter
9	2:40-2:45pm	<b>NEM Reform Forums Update</b>	David Reynolds
10	2:45-2:50pm	<b>NEM Reform Implementation Roadmap Update</b>	Lance Brooks
11	2:50-2:55pm	<b>Upcoming Engagements</b> Fee Consultation Update	David Reynolds Lance Brooks
12	2:55-3:00pm	<b>General Questions and Other Business</b>	Peter Carruthers

## 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

(Item = Meeting # – Agenda # – Reference)

Item	Topic	Action	Responsible	Status
8.6.0.1	Foundational & Strategic Initiatives	PCF members to give feedback on preferred approach to forming industry consensus on the business case by COB 21 June to <a href="mailto:NEMReform@aemo.com.au">NEMReform@aemo.com.au</a> .	Participants	Closed
8.6.0.2	Foundational & Strategic Initiatives	AEMO to consider providing earlier visibility of workshop contents to facilitate resource allocation for participants.	AEMO	Closed
8.6.0.3	Foundational & Strategic Initiatives	AEMO to engage with interested participants on supplementing modelling of estimates for the business case with specific estimates.	AEMO	Open
8.6.0.4	Foundational & Strategic Initiatives	AEMO to confirm that rescheduling of calendar invites was completed, and re-issue invite to Red Energy.	AEMO	Closed

# 3. Program & Release Update

# Program Update

- Successful implementation SAPS on 19 Jun 2023.
- Resource concerns persist in key project areas and continue to place pressure on maintaining existing timelines.
- IESS June 2024 remains red due to delivery timelines not aligning with planned commencement of SIT, UAT and Industry Test start dates.

Release	Initiatives	Previous Status	Current status	Key Points	Impacted Stakeholders
MAY-23	CDR (excluding LCCD)	Delivered	Delivered	Successful implementation of first batch of performance improvements on 23 May 2023.	Major retailers
	B2B v3.8 and other ICFs	Delivered	Delivered	Successful implementation of B2B and 4 ICFs on 28 May 2023.	LNSP, FRMP, MP/MDP
	SAPS		Delivered	Successful implementation SAPS on 19 Jun 2023	LNSP, FRMP, MP/MDP
AUG-23	Integrating Energy Storage Systems [ADC]			UAT test execution complete. Industry test to commence 14th July 2023	Aggregate Systems
	Fast Frequency Response - Dispatch & Reg			UAT test execution complete. AEMO on track for registrations to commence 9 August.	Generators, Market Customers
OCT-23	Fast Frequency Response			Industry test start date remains on track. Amber status is due to risks existing in testing schedule compression due to diversion of resources to August efforts.	Generators, Market Customers
	5 Minute load profile			Project progressing on track.	Market Customers / FRMP
	Increased MT PASA Information			Project progressing on track.	Scheduled Generators
NOV-23	Metering Exemptions (MSDR)			Project is continuing towards 1 Nov delivery	Retailers, MC and MP/MDP
	CDR (LCCD)			1 Nov effective date confirmed.	FRMPs
JUN-24	Integrating Energy Storage Systems [Final]			Replanning underway. Update to be provided in the IESS section of this pack	IRPs, NSPs, FRMP, MP/MDP, Vendors
JUN-25	Frequency Performance Payments			Project progressing on track. AEMO held a workshop on 30 June to discuss participant impact and development timelines. Update on this session to be provided in the FPP section of this pack	Generators, Market Customers

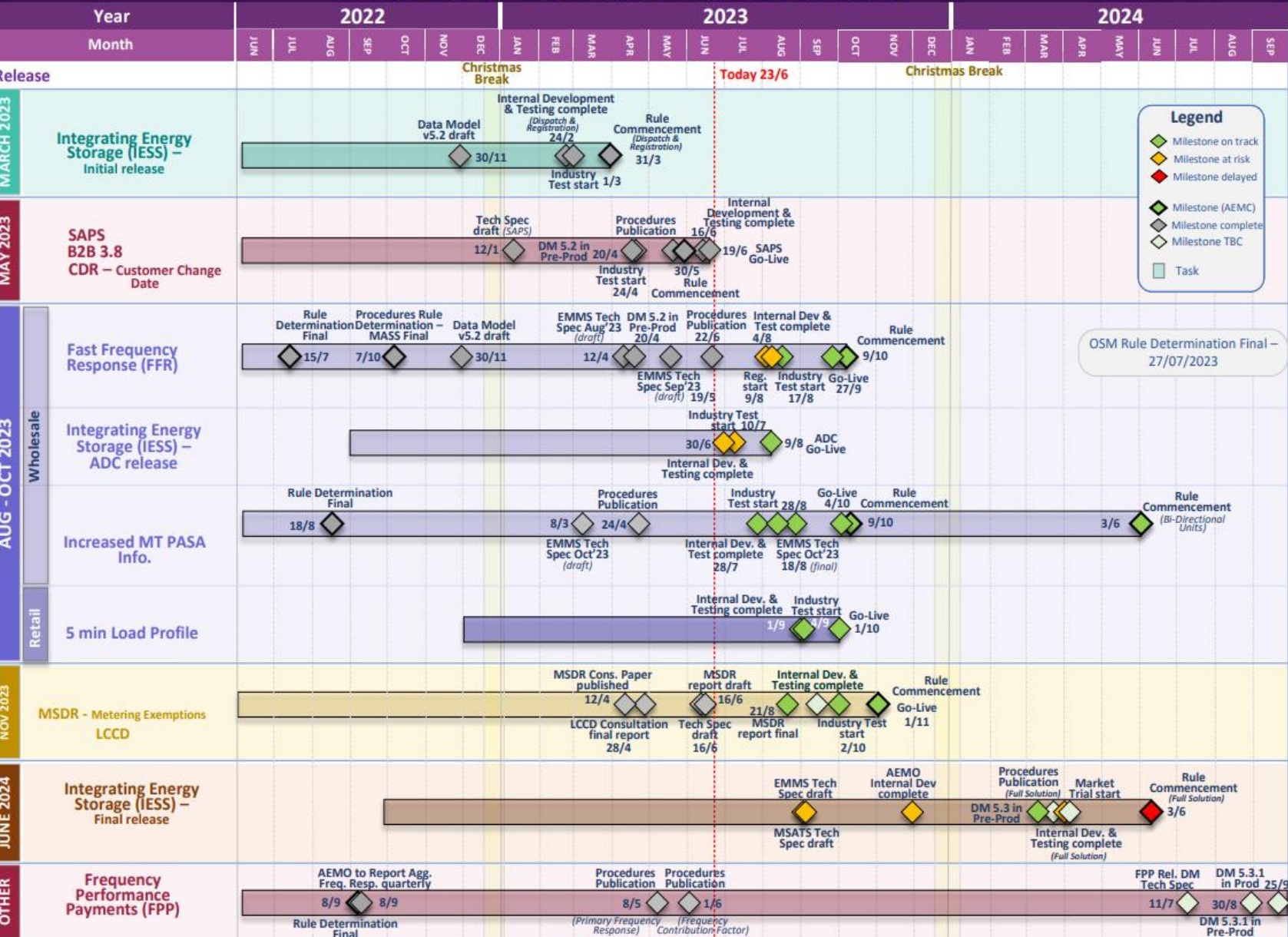


# NEM Reform Level 1&2 Milestones PoaP



NEM Reform Level 1&2 Milestones - Timeline

version 19.0x



**Key call outs:**

- SAPS Go-Live was achieved on 19/6 (deferred from 30/5). A Phase 2 release (*RERT Reports & Exception Logging*) is planned for a 1/10 go-live.
- FFR project - The EMMS Tech Spec (*Sep 2023*) was published on 19/5. The final procedure was published on 22/6. SIT and UAT testing has completed for the August 9th release (Registrations start).
- The IESS ADC UAT has been successfully completed. Industry Testing start is likely to be deferred from 10/7 to 14/7.
- The MT PASA development & system testing has completed. Integration testing has commenced and due to complete as planned by 10/7. UAT is planned to start on 10/7 and complete by late July.
- The MSDR Metering Exemptions consultation draft report and MSATS Tech Spec. draft were both published on 16/6. Development & ST continues. UAT is planned to start late July.
- The FPP final procedure publication was achieved on 1/6, ahead of the 8/6 target. Vendor on-boarding is progressing.
- The IESS rule commencement date (3/6/24) is at risk. Schedule planning activity to verify development & testing timeframes, continues.
- The LCCD Rule Commencement was deferred to 1/11/23.

# 4. Industry Risk Register

# Industry Risk Register



AEMO is working to compile an Industry risk register covering the key industry-wide risks.



The purpose of this risk register is to provide participants with visibility of key material risks associated with the delivery of NEM Reform Program initiatives.



AEMO will describe the risk and outline the risk rating, trend, associated consequences and proposed mitigation actions.



## Risk Categories:

- Volume of Regulatory Change
- AEMO Delivery Program
- Participant Development and Readiness



We propose to communicate these risks to the PCF quarterly.



Program wide risks, initiative specific risks are dealt with in the initiative update.

The following section contains some key material risks with an initial view of risk rating, with a more comprehensive list to follow.

We welcome participants' initial feedback on this approach

# Industry Risk Register

AEMO has identified a number of initial program risks to outline our proposed approach. Risk rating is pre-mitigation.

## 1. Volume of regulatory change

Risk ID	Description	Impact	Risk Rating	Mitigation
1.1	<b>Delivery congestion – October release</b> <ul style="list-style-type: none"> <li>There is a significant volume of reform underway. In the near term the WEM market Go-live is coinciding with October initiative's Go-live potentially creating conflicts for AEMO resourcing availability.</li> </ul>	<ul style="list-style-type: none"> <li>Schedule / cost</li> </ul>	High	<ul style="list-style-type: none"> <li>Providing industry participants with a transparent delivery schedule.</li> <li>AEMO to plan internal work programs appropriately and prioritise, sequence and manage resourcing adequately.</li> </ul>
				Likelihood <ul style="list-style-type: none"> <li>Possible</li> </ul>
1.2	<b>Delivery congestion – 2025</b> <ul style="list-style-type: none"> <li>In the longer term 2025 is facing a potentially pressured delivery schedule with 2 significant initiatives (FPP, ST-PASA) committed and 4 other significant initiatives (FTA, Sch. Lite, OSM, CRM) under consideration</li> </ul>	<ul style="list-style-type: none"> <li>Schedule / cost</li> </ul>	High	<ul style="list-style-type: none"> <li>Investigate different ways of managing scope at the point of regulatory consultation.</li> <li>Identify opportunities to bundle / sequence and prioritise implementation.</li> <li>Progressing informed Go-live process</li> </ul>
				Likelihood <ul style="list-style-type: none"> <li>Possible</li> </ul>

# Industry Risk Register

## 2. AEMO Delivery Program

Risk ID	Description	Impact	Risk	Mitigation				
2.1	<b>Resourcing</b> <ul style="list-style-type: none"> <li>High demand on a limited pool of specialised resources / Subject matter experts (SMEs). Risk – impact on delivery / testing timeframes / go-live impact etc</li> </ul>	<ul style="list-style-type: none"> <li>Schedule / cost</li> <li>Delivery / Testing timeframes / Go Live</li> </ul>	High	<ul style="list-style-type: none"> <li>Work underway to address immediate gaps for in-flight initiatives, implement succession planning and business / digital continuity processes.</li> <li>This includes contingency planning on key resources and strategic partnerships with suppliers, processes for SME succession planning.</li> </ul>				
				<table border="1"> <tr> <td>Likelihood</td> <td>Consequence</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>Likely</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>High</li> </ul> </td> </tr> </table>	Likelihood	Consequence	<ul style="list-style-type: none"> <li>Likely</li> </ul>	<ul style="list-style-type: none"> <li>High</li> </ul>
Likelihood	Consequence							
<ul style="list-style-type: none"> <li>Likely</li> </ul>	<ul style="list-style-type: none"> <li>High</li> </ul>							

# Industry Risk Register

## 3. Participant Development and Readiness

Risk ID	Description	Impact	Risk	Mitigation				
3.1	<p><b>Participant development timeframes</b></p> <ul style="list-style-type: none"> <li>Delays or late delivery of AEMO design, development or testing activities (requirements definition, build and system test, environments) may cause compression of timelines for participant development, testing impacting participant readiness and overall reform success.</li> </ul>	<ul style="list-style-type: none"> <li>Schedule / cost</li> <li>Reduced time for participants to undertake dev, testing and readiness</li> </ul>	High	<ul style="list-style-type: none"> <li>Early development of High Level Implementation Design, Participant Impact Assessment, L1/L2 Milestones and (generic) Participant Development Timeline.</li> <li>Participant Development Timeline to be informed by Participant Impact Assessment.</li> <li>Consultation with Participants on Participant Impact Assessment, L1/L2 milestones and implications for Participant Development Timeline.</li> <li>Assessment of participant development support requirements e.g. testing requirements.</li> <li>Inclusion of contingency period – or inclusion on industry risk register.</li> </ul>				
				<table border="1"> <tr> <td>Likelihood</td> <td>Consequence</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>Likely</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>Major</li> </ul> </td> </tr> </table>	Likelihood	Consequence	<ul style="list-style-type: none"> <li>Likely</li> </ul>	<ul style="list-style-type: none"> <li>Major</li> </ul>
Likelihood	Consequence							
<ul style="list-style-type: none"> <li>Likely</li> </ul>	<ul style="list-style-type: none"> <li>Major</li> </ul>							

# 5. Discussion



# August 2023 IESS (ADC) Update

Luke Barlow



# August 2023: IESS

## Integrating Energy Storage Systems (IESS) - Aggregated Dispatch Conformance

<b>Key Date(s)</b>	Aggregated Dispatch Conformance implementation <b>09 Aug 2023</b>
<b>Affected stakeholders</b>	Aggregate systems, connecting NSPs, control system vendors/developers – optional to use aggregated dispatch conformance
<b>Industry testing anticipated</b>	Industry testing available
<b>Overall status</b>	Amber – Delay in commencing AEMO testing. Management action has re-baselined schedule to support Industry Test commencement

Procedures	Technical documentation	AEMO development & internal testing	Industry readiness & transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> <li>Procedure changes to support aggregate dispatch conformance have been completed.</li> </ul>	<ul style="list-style-type: none"> <li>Data Model 5.2 released to production 23/5. This release includes the updates required for ADC.</li> <li>No further technical updates required for ADC release.</li> </ul>	<ul style="list-style-type: none"> <li>AEMO development completed</li> <li>Internal testing schedule re-baselined to complete by 30 June (prior to industry test period commencing).</li> </ul>	<ul style="list-style-type: none"> <li>No formal participant industry readiness or transition required.</li> <li>Go-Live Criteria for AEMO solution and business operations being developed for Implementation Forum confirmation in June.</li> </ul>	<ul style="list-style-type: none"> <li>Invitation industry testing will be available for BESS and the two facilities that have ADC-like arrangements.</li> <li>Info session on testing was held 15 Jun 2023, supported by 1to1 conversations with key participants.</li> <li>Test environment (pre-production) expected to be available <b>Fri 14 Jul 2023</b>.</li> <li>Program support via ITWG and regular Q&amp;A sessions</li> </ul>	<ul style="list-style-type: none"> <li>ADC go-live date confirmed for 09 Aug 2023.</li> <li>Draft go-live plan published for industry comment Thu 22 Jun.</li> <li>No feedback received to date.</li> </ul>

### 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](#)

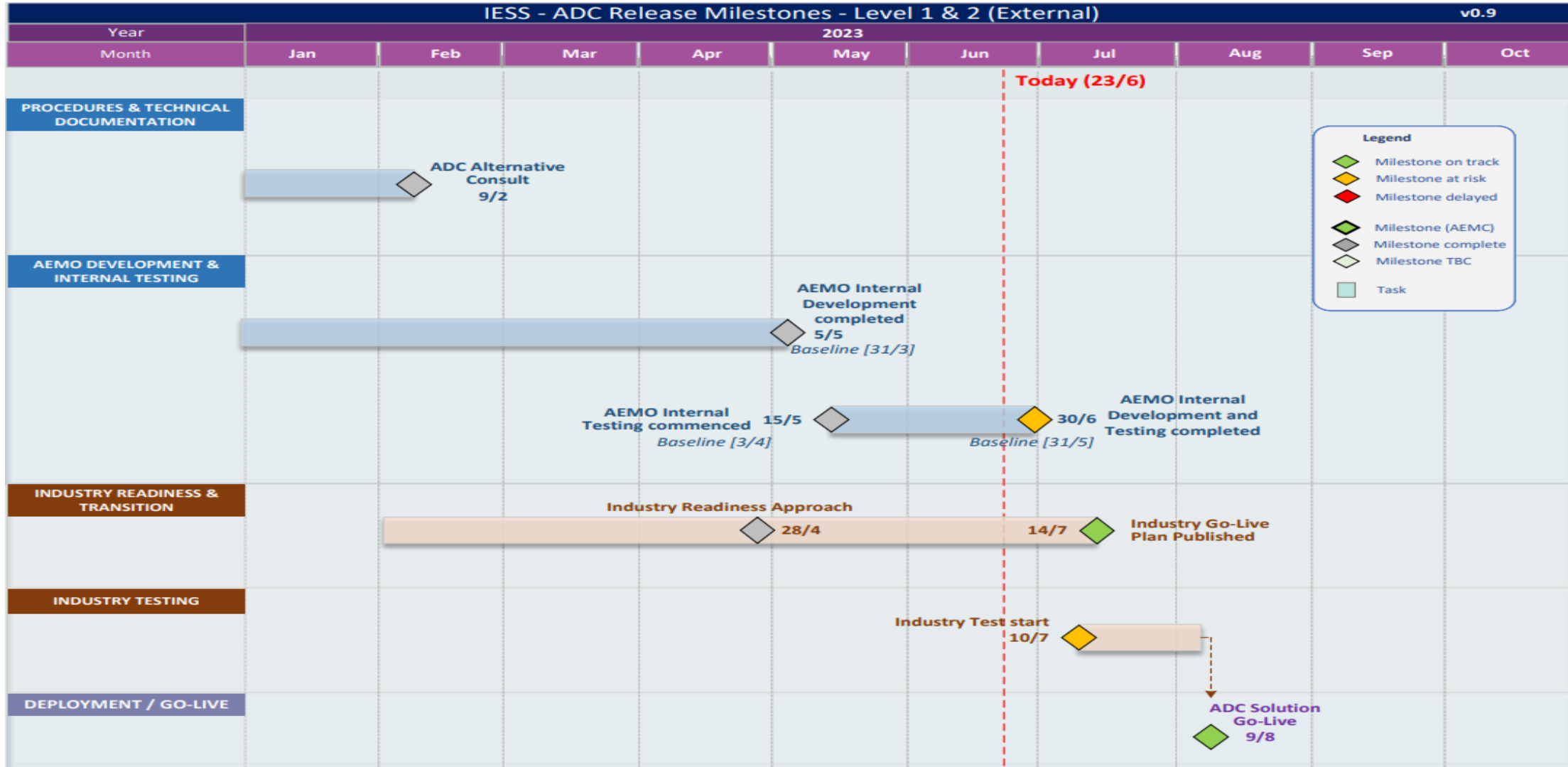
# Go-live criteria management: Industry checkpoint for August 2023 release

## 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.

<b>INITIATIVE</b>	<b>AGGREGATED DISPATCH CONFORMANCE (09 Aug 2023):</b> Aggregate Systems can apply to opt-in to Aggregated Dispatch Conformance	
<b>CRITERIA</b>	<b>DESCRIPTION</b>	<b>STATUS: INDUSTRY TEST START 14 JUL 2023</b>
<b>Go-live criteria</b>	<ul style="list-style-type: none"> <li>AEMO solution tested in-line with requirements for:               <ul style="list-style-type: none"> <li>Enabling Aggregate Systems to register for and participate in ADC</li> <li>Conformance monitoring of Target Aggregates</li> </ul> </li> <li>AEMO business ready to support ADC registration, dispatch and monitoring.</li> </ul>	<ul style="list-style-type: none"> <li>SIT execution complete</li> <li>UAT complete</li> <li>Industry testing available in pre-production from Fri 14 Jul</li> <li>Bi-weekly Q&amp;A sessions from Thu 13 Jul to go-live</li> <li>All business readiness preparations are completed or on target for completion for 9/8 commencement.</li> </ul>
	Optional participation for Aggregate Systems i.e. participant readiness activity is not a pre-requisite for go-live.	n/a
<b>CONTINGENCY</b>	Defer registration for ADC until go-live criteria are met.	No current indication that contingency will be needed.

# August 2023: IESS – Aggregated dispatch conformance





# October 2023 FFR Update

Chris Muffett

# October 2023: FFR

## Fast Frequency Response

<b>Key Date(s)</b>	Go-live October 2023
<b>Likely impacted stakeholders</b>	Generators, Market Customers, Traders
<b>Industry testing anticipated</b>	AEMO will be facilitating industry testing in the pre-production environment, and will involve exercising dispatch and settlement processes of the new services.
<b>Overall status</b>	Overall <b>AMBER</b> , AEMO development in Progress, Delay in commencing AEMO testing has received management attention and are-baselined timeline confirmed, Procedure consultations has been finalised

Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> <li>• MASS Finalised 7 October</li> <li>• Constraint and formulation guidelines final guidelines published on 22 June 2023</li> <li>• Constraint Implementation Guidelines was finalised on 20 April</li> <li>• All Procedure and guidelines finalised</li> </ul>	<ul style="list-style-type: none"> <li>• Data Model 5.2 in production 23<sup>rd</sup> May</li> <li>• Latest version of EMMS Technical Spec updates released 19/5</li> <li>• No further updates to technical documentation planned</li> </ul>	<ul style="list-style-type: none"> <li>• AEMO Internal Testing (SIT, UAT) for initial release in progress at risk with defect resolution on critical path to enable commencement of Industry Test</li> <li>• Final release testing at risk due to environment and resource availability. Schedule recovery to support Industry Test planned</li> </ul>	<ul style="list-style-type: none"> <li>• Service Commencement Plan final released 5<sup>th</sup> May</li> <li>• Pre-registration assessments in progress</li> <li>• Go-Live criteria and contingency approaches outlined for Implementation forum</li> </ul>	<ul style="list-style-type: none"> <li>• Industry Test Approach and detail timelines provided</li> <li>• Industry Testing to commence in line with registration of service providers</li> <li>• Timing of test settlement runs include in industry test approach</li> </ul>	<ul style="list-style-type: none"> <li>• Changes will be deployed to production to enable registration and submission of bids for new service</li> <li>• Timings to be reflected in Industry Go-Live plans with Draft approaches issued mid July</li> </ul>

### Relevant links

# Go-live criteria management: Industry checkpoint for August 2023 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	<b>FAST FREQUENCY RESPONSE – REGISTRATIONS (09 Aug 2023):</b> Eligible providers can register to participate in VF FCAS	
CRITERIA	DESCRIPTION	STATUS: <b>GREEN</b>
<b>Go-live criteria</b>	<ul style="list-style-type: none"> <li>AEMO solution tested in-line with requirements for enabling interested, eligible participants to register for VF FCAS, and commence Industry Testing</li> <li>AEMO business ready to support VF FCAS registration.</li> </ul>	<ul style="list-style-type: none"> <li>AEMO Internal Testing progressed to support deployment for Industry Testing. Outstanding defects to be addressed prior to registration commencement 9/8</li> <li>All business readiness preparations are completed or on target for completion for 9/8 with business support for participant registration volumes being monitored</li> </ul>
	Optional participation for interested, eligible providers i.e. participant readiness activity is not a pre-requisite for go-live.	n/a
CONTINGENCY	Defer registration for VF FCAS until go-live criteria are met.	No current indication that contingency will be needed. Internal

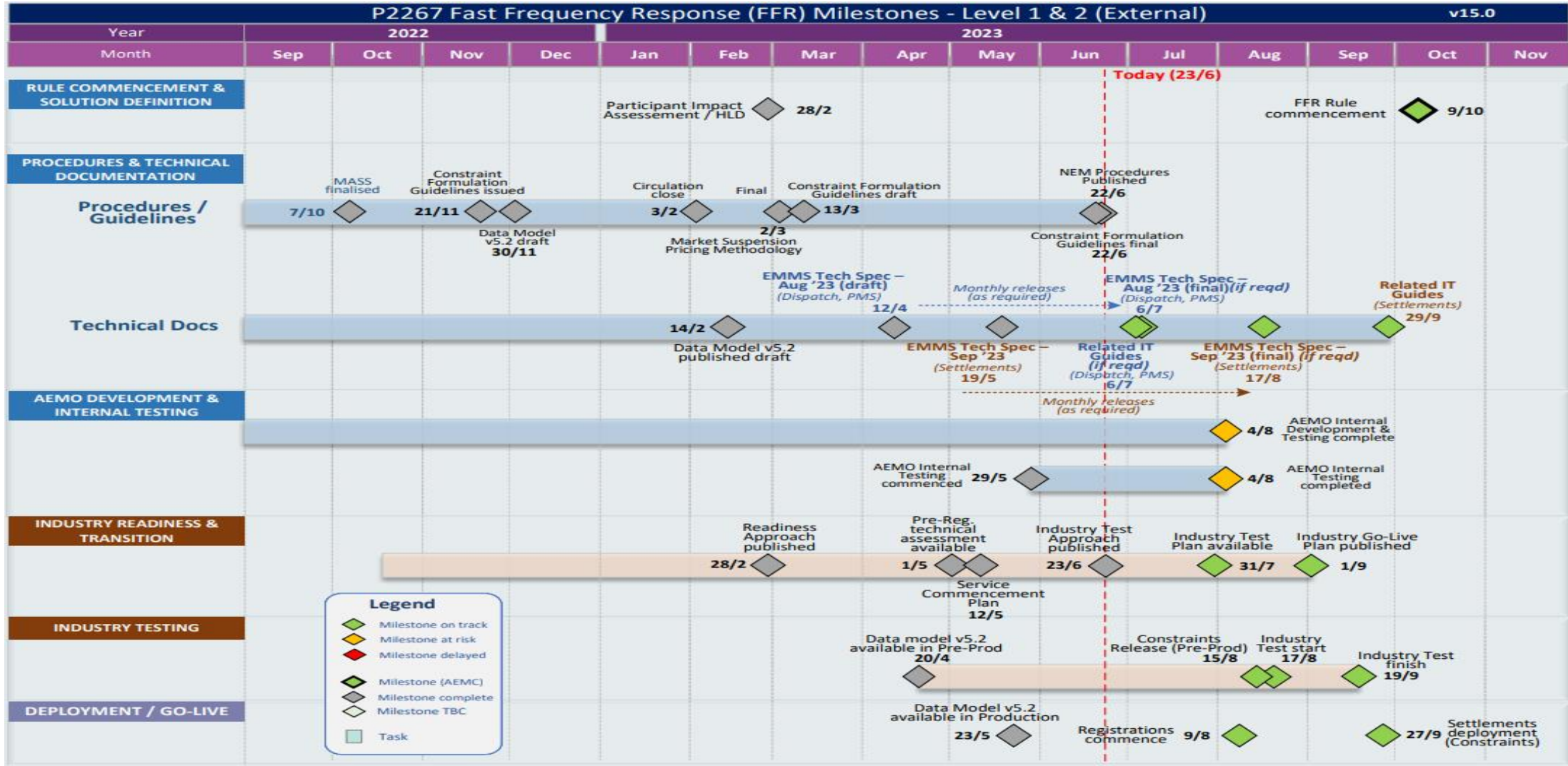
# Fast Frequency Response Go-Live

## for market commencement on 9 October

- An Industry Go Live Plan (Final) that covers VF FCAS market commencement on 9 Oct 2023, will be published on 1 Sep 2023. Will include approach for decision on Market Readiness
- Indicative Go Live criteria below with Status checkpoint to be provided **30 July**:

INITIATIVE	FAST FREQUENCY RESPONSE – Market Start (09 October 2023): Eligible providers can register to participate in VF FCAS	Status As At 30/ June <b>Internal Testing Amber</b>
CRITERIA	DESCRIPTION	
Go-live criteria	<ul style="list-style-type: none"> <li>• <b>Solution readiness:</b> AEMO solution tested in-line with requirements and available for Industry Test – No major outstanding Defects without remediation</li> <li>• <b>AEMO Business Readiness:</b> AEMO business ready to support VF FCAS market commencement from</li> <li>• <b>Market Readiness:</b> Sufficient participants registered to provide service</li> </ul>	<ul style="list-style-type: none"> <li>• Internal Testing In Progress, Amber against schedule with planned recovery</li> <li>• AEMO business activities scheduled and on track</li> <li>• Registration to commence 9/8, pre-registration assessments in progress</li> </ul>
	Optional participation for interested, eligible providers i.e. participant readiness activity is not a pre-requisite for go-live.	
CONTINGENCY	Defer commencement of VF FCAS markets until go-live criteria are met, including deferral of solution implementation for Solution Readiness Criteria AEMO Business Readiness and Market Readiness will result in deferral of market start	<ul style="list-style-type: none"> <li>• No current indication contingency will be required- noting testing schedule pressures</li> <li>• Final Assessment of Market Readiness based on production 7 day pre-dispatch</li> </ul>

# FFR Milestones and progress

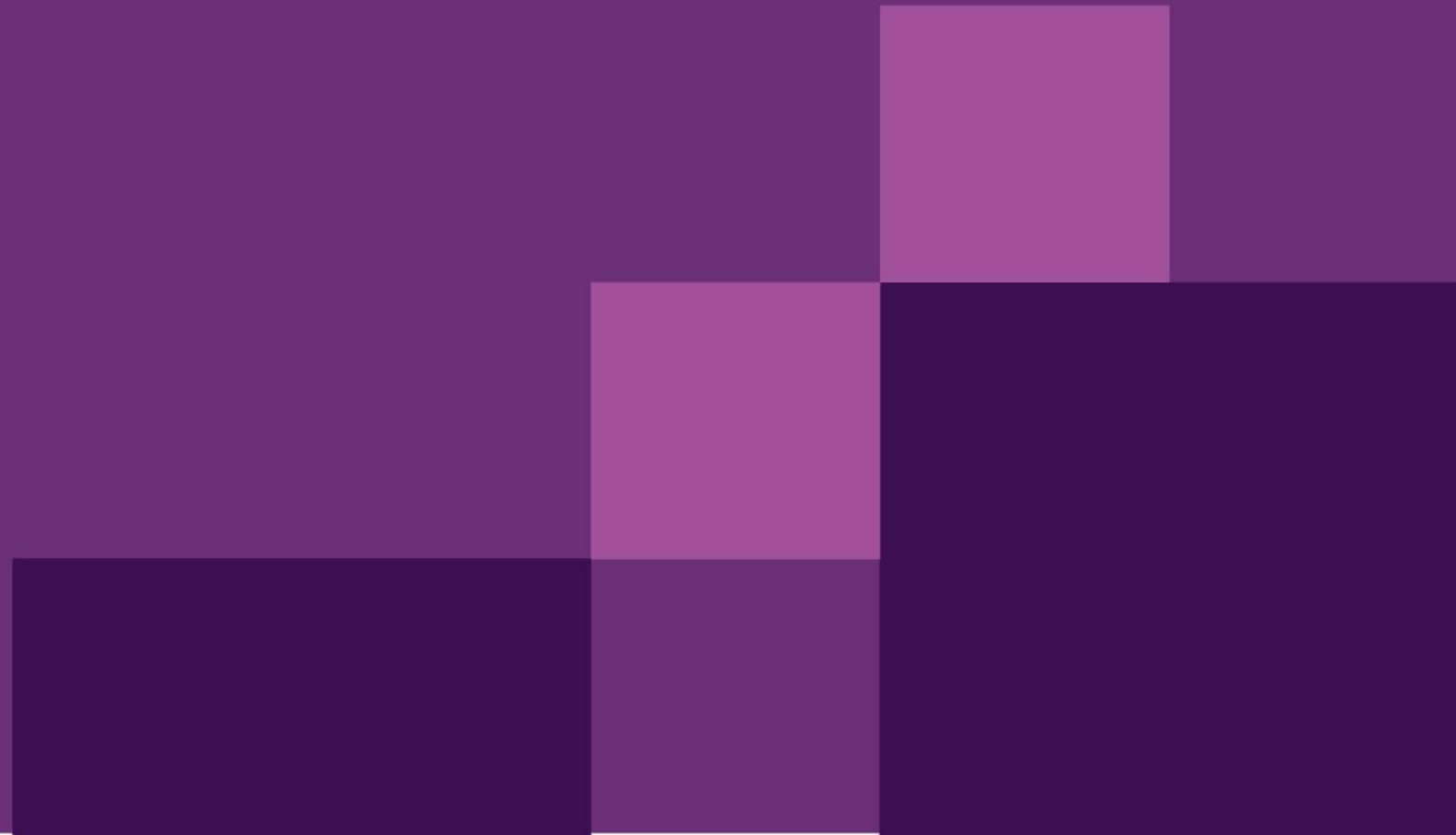






# June 2025 FPP Update

Oliver Derum



# June 2025: Frequency Performance Payments

## FREQUENCY PERFORMANCE PAYMENTS (FPP)

<b>Key Date(s)</b>	Go-live June 2025;
<b>Likely impacted stakeholders</b>	Generators, Market Customers
<b>Industry testing anticipated</b>	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"> <li>Final Primary Frequency Response Requirements procedure published 4 May.</li> <li>Final Frequency Contribution Factor Procedure published 1 June, along with the related Tuning Parameters and Input Sources document.</li> </ul>	<ul style="list-style-type: none"> <li>Data Model Technical Specification with updates for FPP reporting – <b>April 2024</b></li> <li>Data Model Technical Specification with updates for FPP Settlements reporting – <b>Sept 2024</b></li> </ul>	<ul style="list-style-type: none"> <li>Data integration Jun to Dec 2023</li> <li>Settlements system development Jul to Dec 2024</li> </ul>	<ul style="list-style-type: none"> <li>April-Sept 2024</li> </ul>	<ul style="list-style-type: none"> <li>FPP calculation testing Dec 2024 (non-financial operation)</li> <li>Settlements testing April 2025</li> </ul>	<ul style="list-style-type: none"> <li>Pre-prod releases 1+2 Nov 2024 (start and end)</li> <li>Pre-prod releases 3+4 start and mid March 2025</li> <li>Prod release end May 2025</li> </ul>

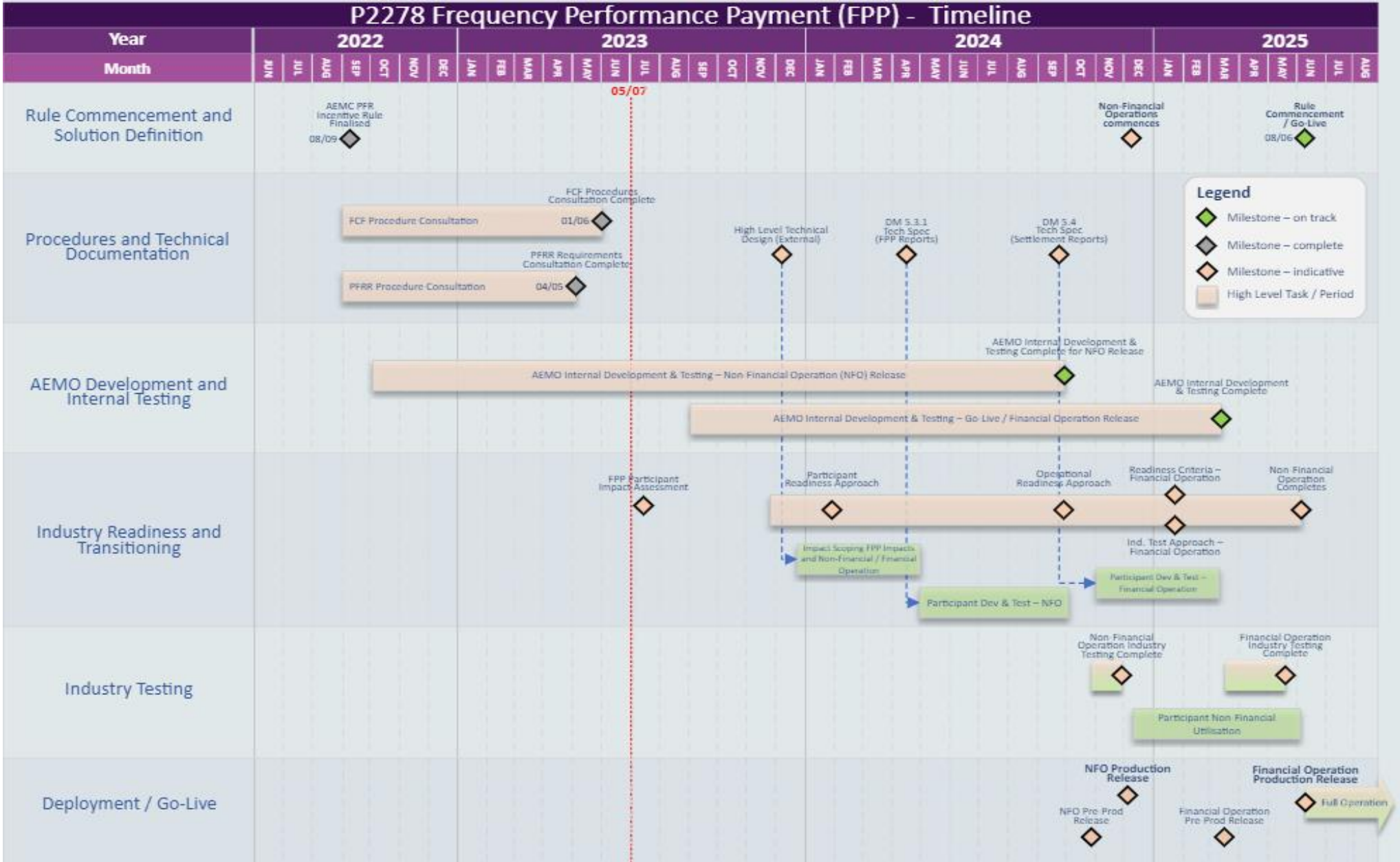
### Relevant links

- [AEMO | Frequency Contribution Factors page \(Contains Frequency Contribution Factors Procedure and Tuning Parameters\)](#)
- [AEMO | Frequency Contribution Factors Procedure Consultation Page](#)
- [AEMO | Frequency Performance Payments project](#)

# June 2025: Frequency Performance Payments

- An FPP Participant Impacts and timelines focus group was held on 30 June.
- 13 participants plus AEC and AEMC attended.
- The list of artefacts and resources and accompanying timeline, as shown in the following two slides, were presented by AEMO. Written feedback was invited by 14 July.
- Other discussions included:
  - The impact of the new arrangements on cost recovery market participants with (and without) units to be individually assessed for FPP.
  - The fact that the commencement of FPP is not dependent on all (or any specific) impacted participants updating their systems by a certain time. The manner of how participants update their systems for FPP is an individual business decision.
  - The nature and purpose of the six-month non-financial operation period, including the extent to which any FPP parameters could change during that time.

# FPP development and testing timeline - as shared with participants



**FOR COMMENT BY 14 JULY**

# Indicative FPP artefacts and resources to be provided by AEMO

Resource	Purpose	Timing
FPP participant impact assessment	Provide participants with a high level view on the impacts of FPP, based on current consultation.	July 2023
High-level technical design	Provide participants with enough detail regarding FPP reporting to begin to scope their own requirements, begin engagement with developers/vendors, and provide feedback to AEMO.	Dec 2023
Participant readiness approach	Details how AEMO will support and track participant readiness for the commencement of testing and operation of FPP.	Jan 2024
Tech Spec for FPP reporting (DM 5.3.1)	Finalises detail of how new data will be reported to the market. Forms the basis of industry system development to receive and use the new data.	Apr 2024
Tech Spec for FPP settlements (DM 5.4)	Finalises detail of how FPP will be accommodated within the NEM settlements system.	Sept 2024
Operational readiness approach	Provide market participants with the approach AEMO will take to achieving operation readiness for FPP go-live.	Sept 2024
Pre-prod testing environment	Pre-prod environment for FPP data provision to be made available one month prior to commencement of non-financial operation, for industry testing.	Nov 2024
Readiness criteria – financial operation	Provide market participants with the criteria AEMO will use to assess and manage commencement of FPP financial operation including relevant contingency approaches.	Jan 2025
Industry test approach – financial operation	Outline how AEMO and industry will undertake testing of financial operation of FPP.	Jan 2025

**FOR COMMENT BY 14 JULY**

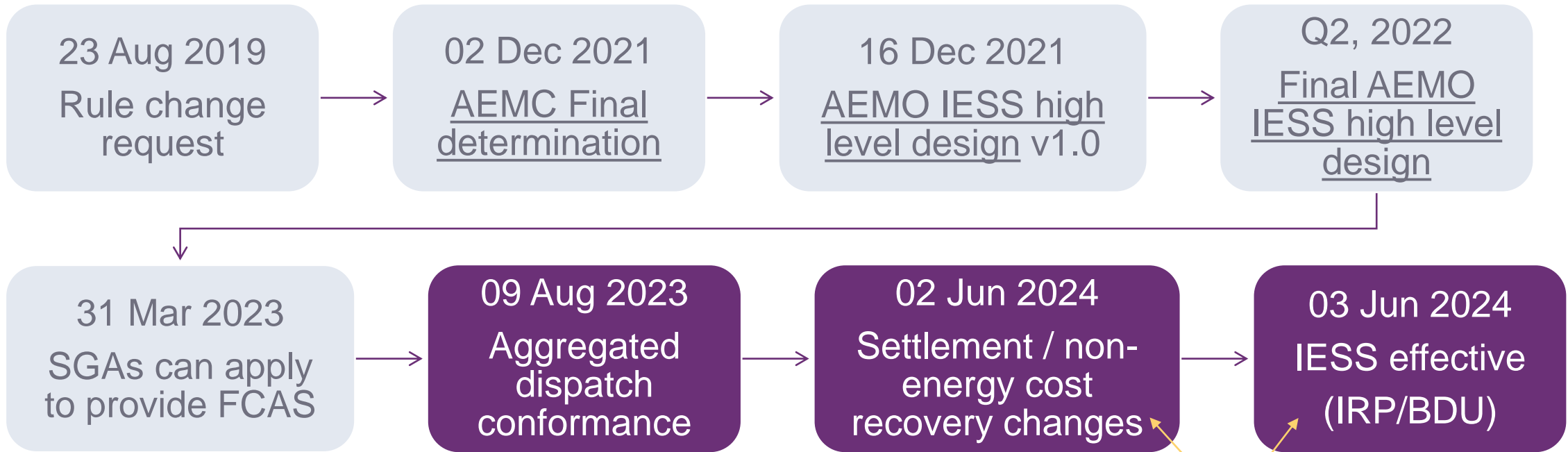
**6. June 2024**



# June 2024 IESS Update

Luke Barlow

# BACKGROUND: IESS high-level Timeline



This discussion relates to:  
 (a) IESS settlement changes  
 (b) IESS BDU changes

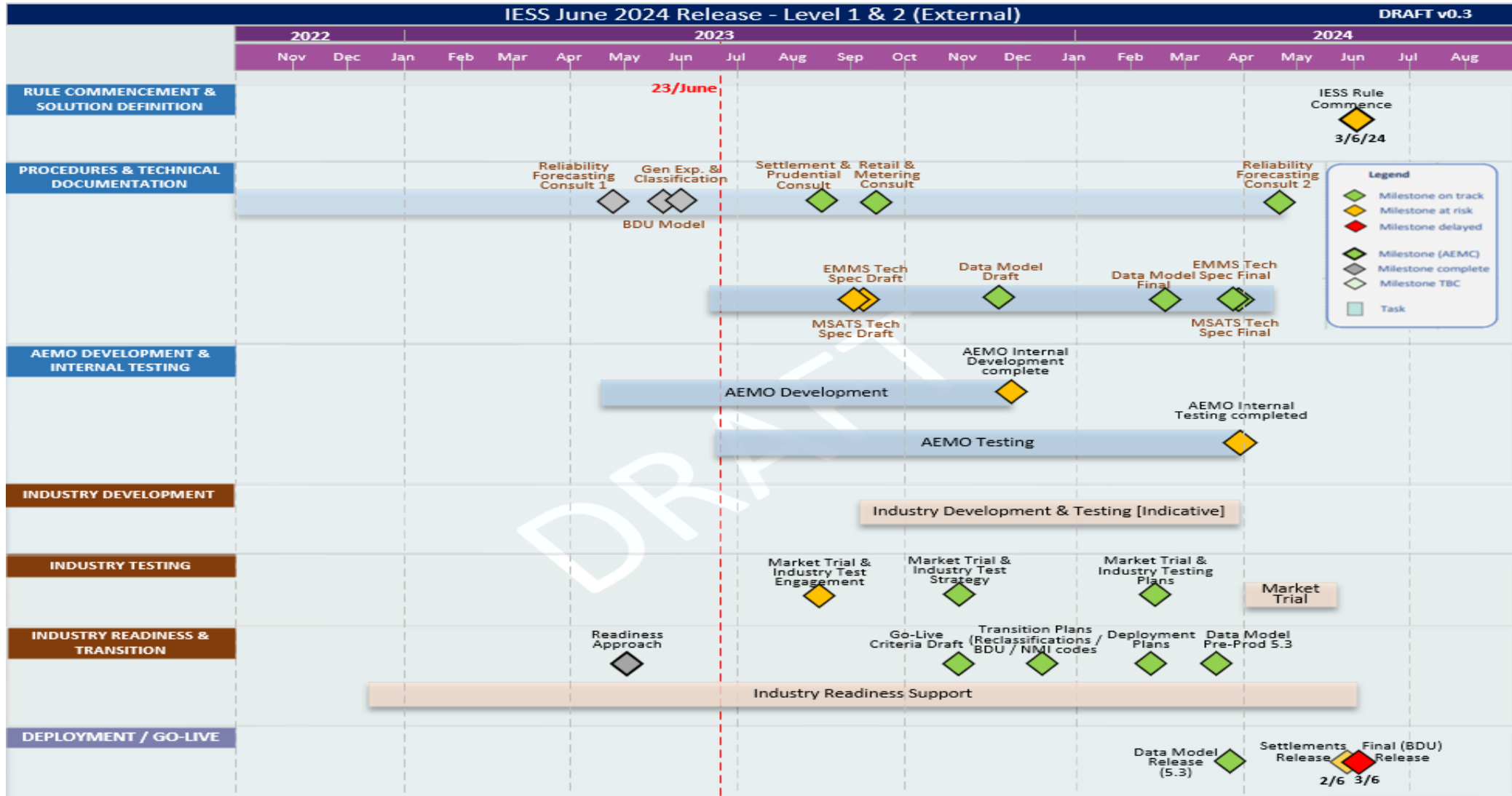
<b>SGA</b>	Small generation aggregator
<b>FCAS</b>	Frequency control ancillary service/s
<b>IRP</b>	Integrated resource provider
<b>BDU</b>	Bidirectional unit

**REFERENCES**

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



# IESS- June 2024



# CONTEXT

- Project schedule is at risk, driven by:
  - AEMO's internal development and testing timeframes
  - Need for additional or earlier participant readiness support
- AEMO is replanning to reduce risk
- Progress has been made, further validation will occur throughout July, both internally and in discussion with participants.
- This session covers:
  - a) IESS settlement changes
  - b) IESS bidirectional unit (BDU) changes

# IESS Settlement Update

IESS Settlement Release: Sunday 02 June 2024

# CONTEXT – IESS SETTLEMENTS

## CHALLENGES

- Material changes to the non-energy cost recovery framework leading to significant changes to NEM settlement table structures.
- Consequential impacts to participants, both for their settlement function and in other operational areas that draw data (directly or indirectly) from the settlement tables e.g. trading, forecasting, strategy etc.

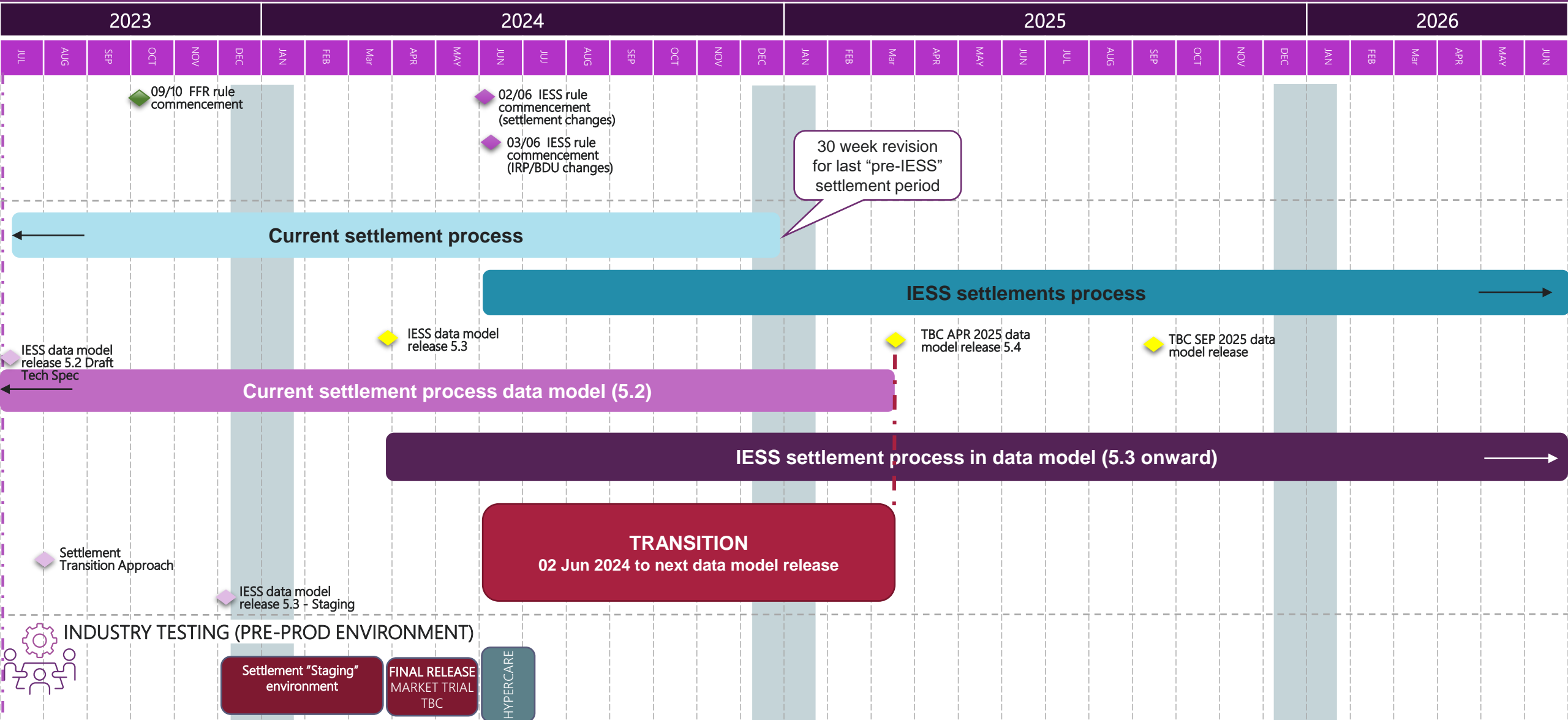
## APPROACH

- Consider providing more time and support for participants to adapt:
  - Earlier tech spec and data model release where feasible
  - AEMO to provide a transition approach
  - AEMO to provide additional settlement development support
- Settlements info session to discuss these items scheduled for Wed 19 Jul.

# I ESS settlement update

PLANNED PARTICIPANT SUPPORT	ADDITIONAL SUPPORT REQUESTED	STATUS
Implementation design description		Published: <a href="#">AEMO IESS settlements change summary – June 2023</a>
	Additional information session	<ul style="list-style-type: none"> <li>Scheduled for Wed 19 Jul, 10:30am to 12:30pm</li> <li>Register to attend the forum <a href="#">here</a> by Friday 14 July.</li> </ul>
<b>Draft</b> tech spec and data model	Earlier publication	<ul style="list-style-type: none"> <li>Draft EMMS tech spec currently planned for <b>early Oct 2023</b></li> <li>Draft MSATS tech spec currently planned for <b>mid Sep 2023</b></li> <li>Draft data model currently planned for <b>early Dec 2023</b></li> <li>AEMO is assessing feasibility of earlier publication and will update industry late July 2023</li> </ul>
<b>Final</b> tech spec and data model	Earlier publication	<ul style="list-style-type: none"> <li>Final tech spec currently planned for <b>early Dec 2023</b></li> <li>Final data model planned for pre-prod deployment <b>late March 2024</b></li> <li>AEMO is assessing feasibility of earlier publication and will update industry late July 2023</li> </ul>
	Transition period	<ul style="list-style-type: none"> <li>Transition approach (next slide) allows participants more time to change to IESS data model</li> <li>Under discussion with Implementation Forum and NEM settlements specialists throughout July</li> </ul>
	Settlement development support	<p>AEMO is investigating the potential for an IESS settlements “participant development” environment:</p> <ul style="list-style-type: none"> <li>Would provide a static view of populated settlement table data structures supporting data model 5.3</li> <li>Would allow participants to test data ingestion processes and downstream data processing using new data structures</li> <li>Would not necessarily replicate production settlement runs.</li> </ul> <p>Under discussion with Implementation Forum and NEM settlements specialists throughout July</p>

# IESS – INDICATIVE Settlement transition



# IESS BDU Update

IESS BDU Release: Monday 03 June 2024

# CONTEXT – IESS BDU CHANGES

## CHALLENGES

- Implementation cost and timeframe to adapt participants' bidding systems to single DUID for bidirectional units.
- AEMO is looking at BDU model design alterations to reduce implementation costs. While design is uncertain, there is a consequential impact to timing for participant support activities e.g. tech spec publication etc.

## APPROACH

- Consider aspects of the BDU implementation where overall cost to industry (AEMO plus participants) can be reduced without compromising IESS rule intent
- Consider providing more time and support for participants to adapt:
  - Earlier tech spec and data model release where feasible
  - AEMO to provide an extended registration grace period
  - AEMO to provide additional development support
- BDU info session will be scheduled for mid to late July (likely Mon 24 Jul)



# IESS BDU update

PLANNED PARTICIPANT SUPPORT	ADDITIONAL SUPPORT REQUESTED	STATUS
Implementation design description		<ul style="list-style-type: none"> <li>Indicative publication mid to late July</li> </ul>
	Additional information session/s	<ul style="list-style-type: none"> <li>Mid to late July TBC</li> </ul>
<b>DRAFT</b> tech spec and data model	Earlier publication	<ul style="list-style-type: none"> <li>Draft EMMS tech spec currently planned for <b>early Oct 2023</b></li> <li>Draft data model currently planned for <b>early Dec 2023</b></li> <li>AEMO is assessing feasibility of earlier publication and will update industry late July 2023</li> </ul>
<b>FINAL</b> tech spec and data model	Earlier publication	<ul style="list-style-type: none"> <li>Final tech spec currently planned for <b>early Dec 2023</b></li> <li>Final data model planned for pre-prod deployment <b>late March 2024</b></li> <li>AEMO is assessing feasibility of earlier publication and will update industry late July 2023</li> </ul>
	Transition period	<ul style="list-style-type: none"> <li>AEMO is considering extending the IESS rule grace period and applying it more widely to mitigate participant impacts.                             <ul style="list-style-type: none"> <li>Could include introducing flexibility for existing bi-directional units to have a longer (but not indefinite) grace period to 03 Mar 2025.</li> </ul> </li> <li>AEMO will initiate discussions with Implementation Forum and NEM bidding/dispatch specialists in July</li> </ul>
	BDU development support	<ul style="list-style-type: none"> <li>AEMO is investigating the potential for a bidding “participant development” environment:                             <ul style="list-style-type: none"> <li>May include “BETA” bidding and dispatch software supporting BDU Structures for bids – includes release of data model 5.3 and dispatch population.</li> </ul> </li> <li>AEMO will initiate discussions with Implementation Forum and NEM bidding/dispatch specialists in July</li> </ul>

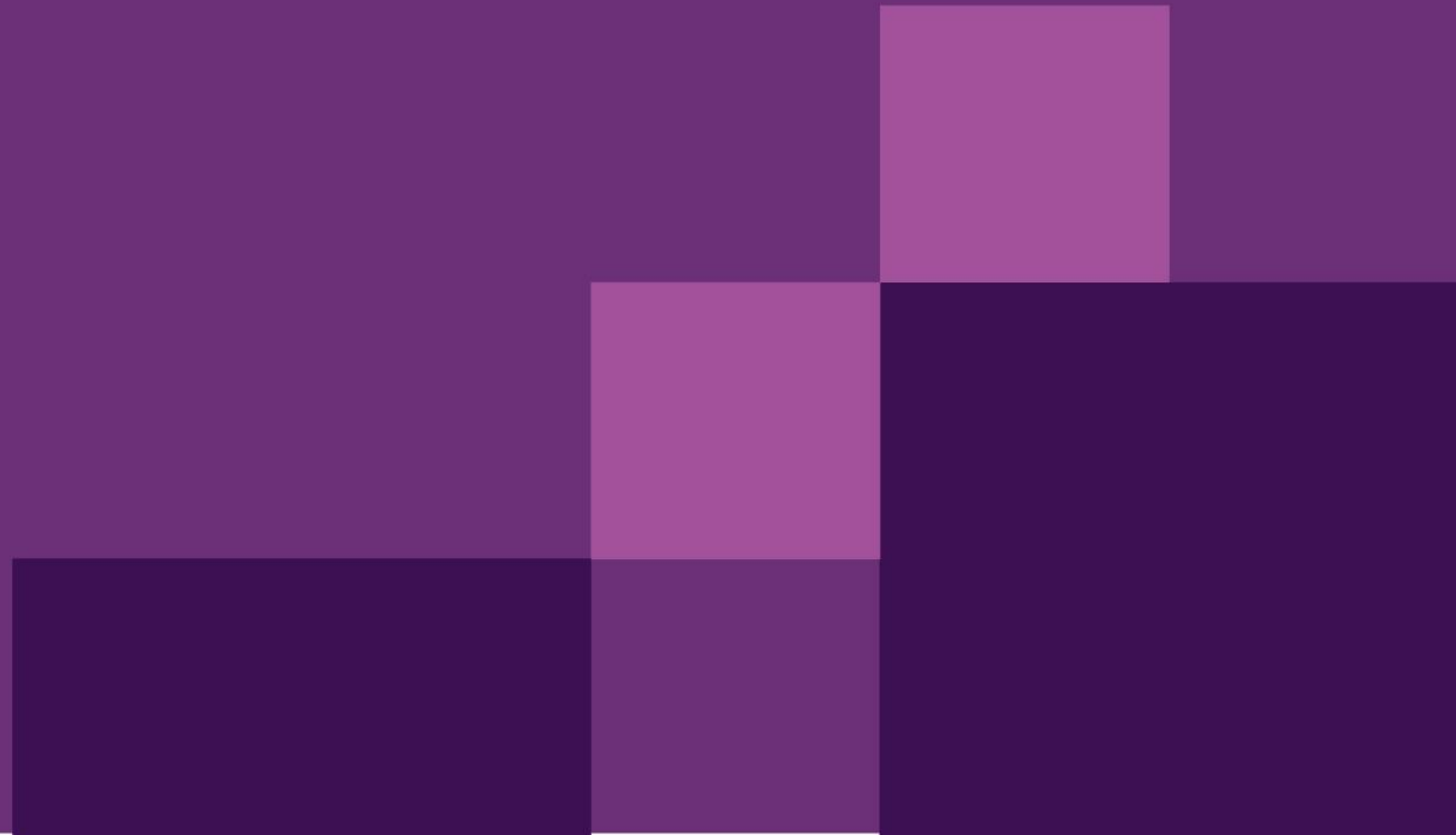


# 7. Noting



# October 2023 MT PASA

For Noting



# October 2023: Increased MT PASA Information

## Increased MT PASA Information

<b>Key Date(s)</b>	Go-live October 2023
<b>Likely impacted stakeholders</b>	Scheduled Generators
<b>Industry testing anticipated</b>	Industry Testing in same timeframe as FFR, 5MLP
<b>Overall status</b>	Overall <b>On Track</b> , AEMO Internal testing 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"> <li>RSIG and Energy Adequacy Assessment guidelines consultation Final Published 28/4</li> </ul>	<ul style="list-style-type: none"> <li>Data model changes for MT PASA have been included in release 5.2 of data model. Data Model 5.2 now available in production</li> </ul>	<ul style="list-style-type: none"> <li>AEMO development complete</li> <li>AEMO Internal Testing in progress. On Schedule to complete</li> </ul>	<ul style="list-style-type: none"> <li>Capability for participants to provide updated information will be deployed 1 week prior to rule commencement to support participant compliance at rule commencement</li> <li>Initiative Go-Live Criteria to be reviewed with Implementation forum in July</li> </ul>	<ul style="list-style-type: none"> <li>ITWG / Implementation Forum provided overview of Industry Testing approach and timeframe for MT PASA capability to be supported for Industry Testing</li> </ul>	<ul style="list-style-type: none"> <li>Planned deployment 4/10 to allow updates to MT PASA information ahead of rule commencement. Reporting capability to be deployed 9/10</li> <li>Industry Go Live Plan draft planned for end August</li> </ul>

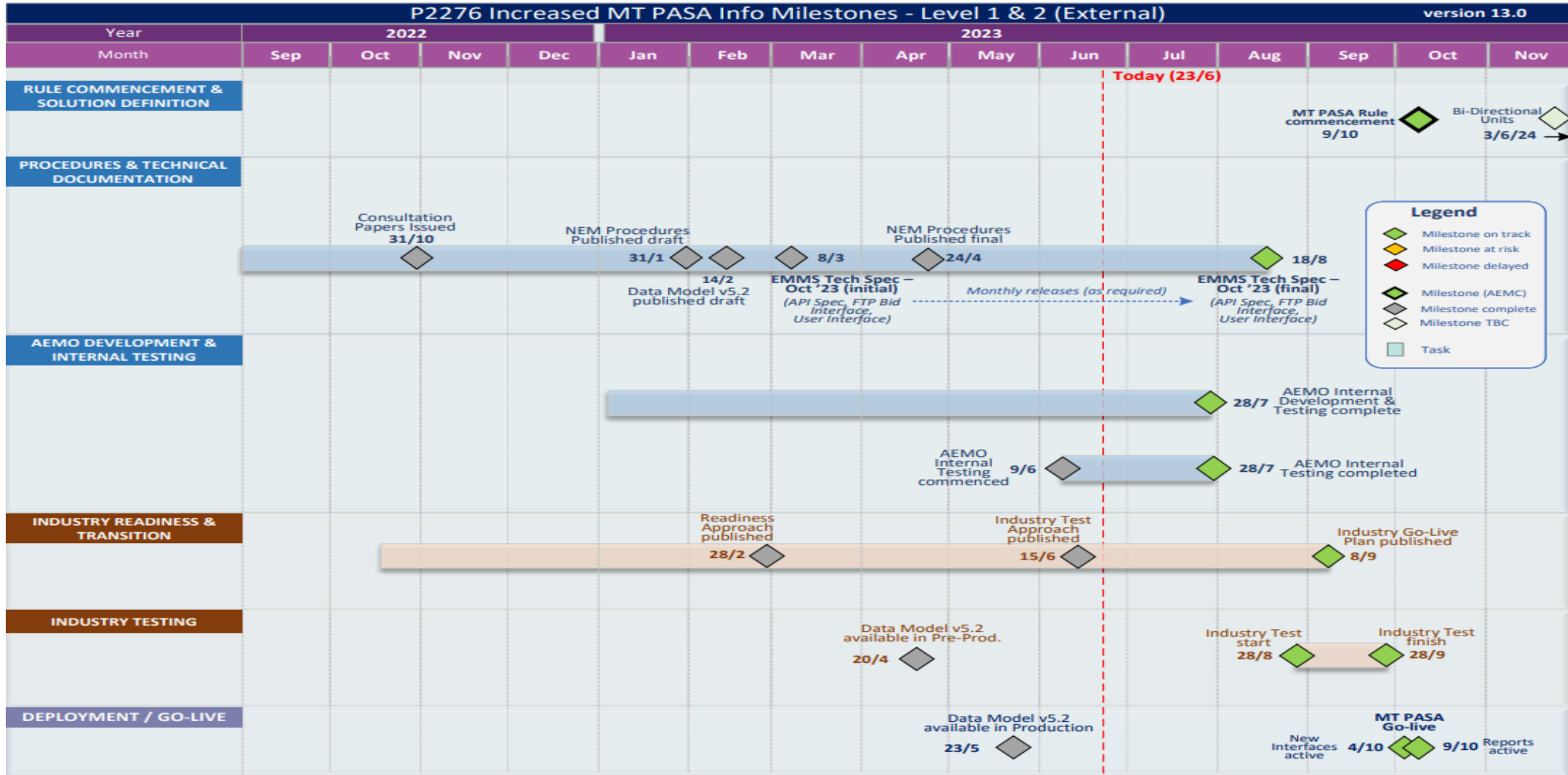
### Relevant links

[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](#)

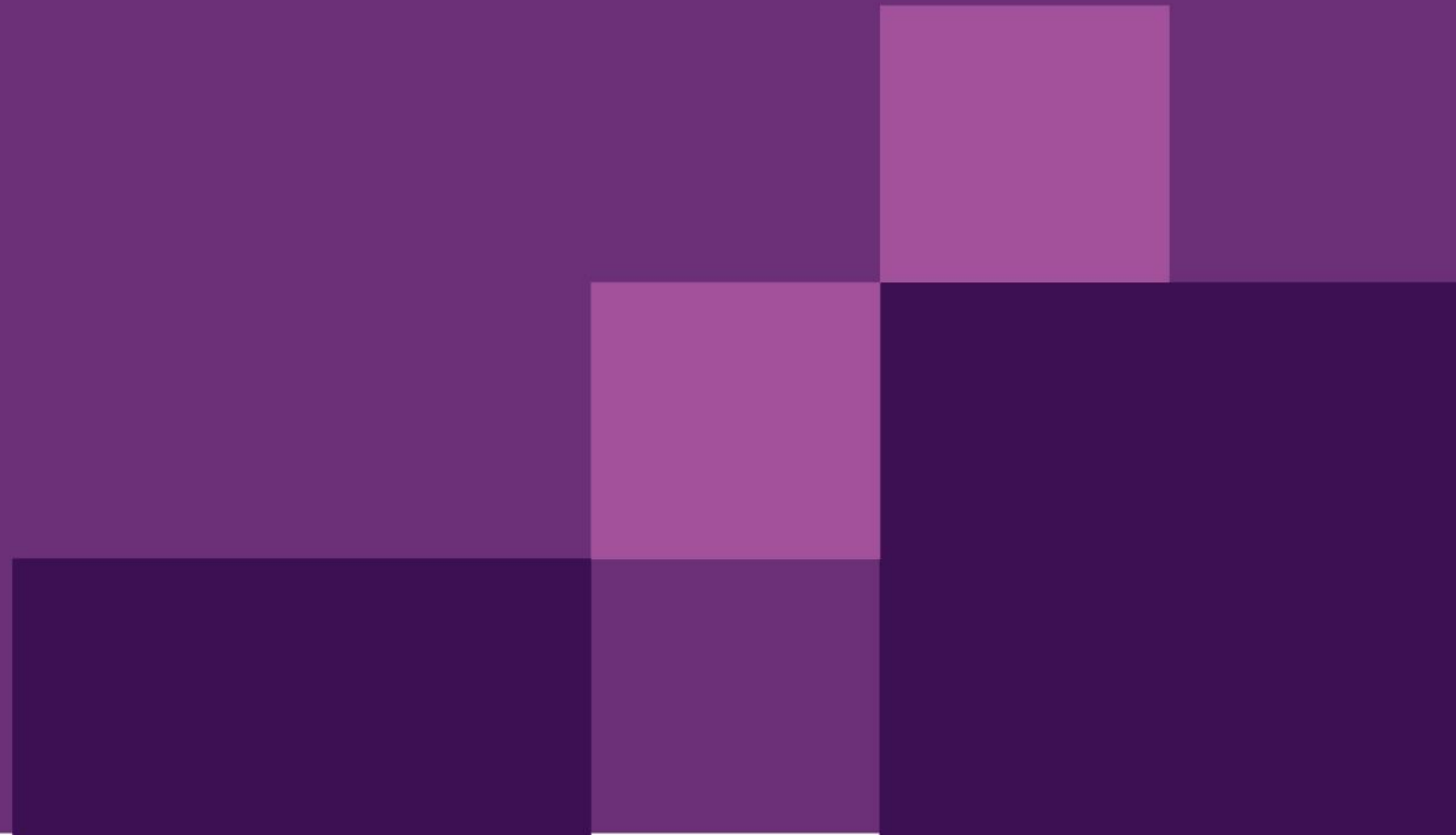
# MT PASA Milestones and progress





# October 2023 5MLP

For Noting



# October 2023: 5 Minute load profile [5MLP]

## 5MLP

<b>Key Date(s)</b>	Go-live October 2023
<b>Likely impacted stakeholders</b>	FRMPs, Market Customers
<b>Industry testing anticipated</b>	Industry Testing in same timeframe as FFR with Co-ordinated Settlement Runs
<b>Overall status</b>	Overall <b>On Track</b> , AEMO development in Progress

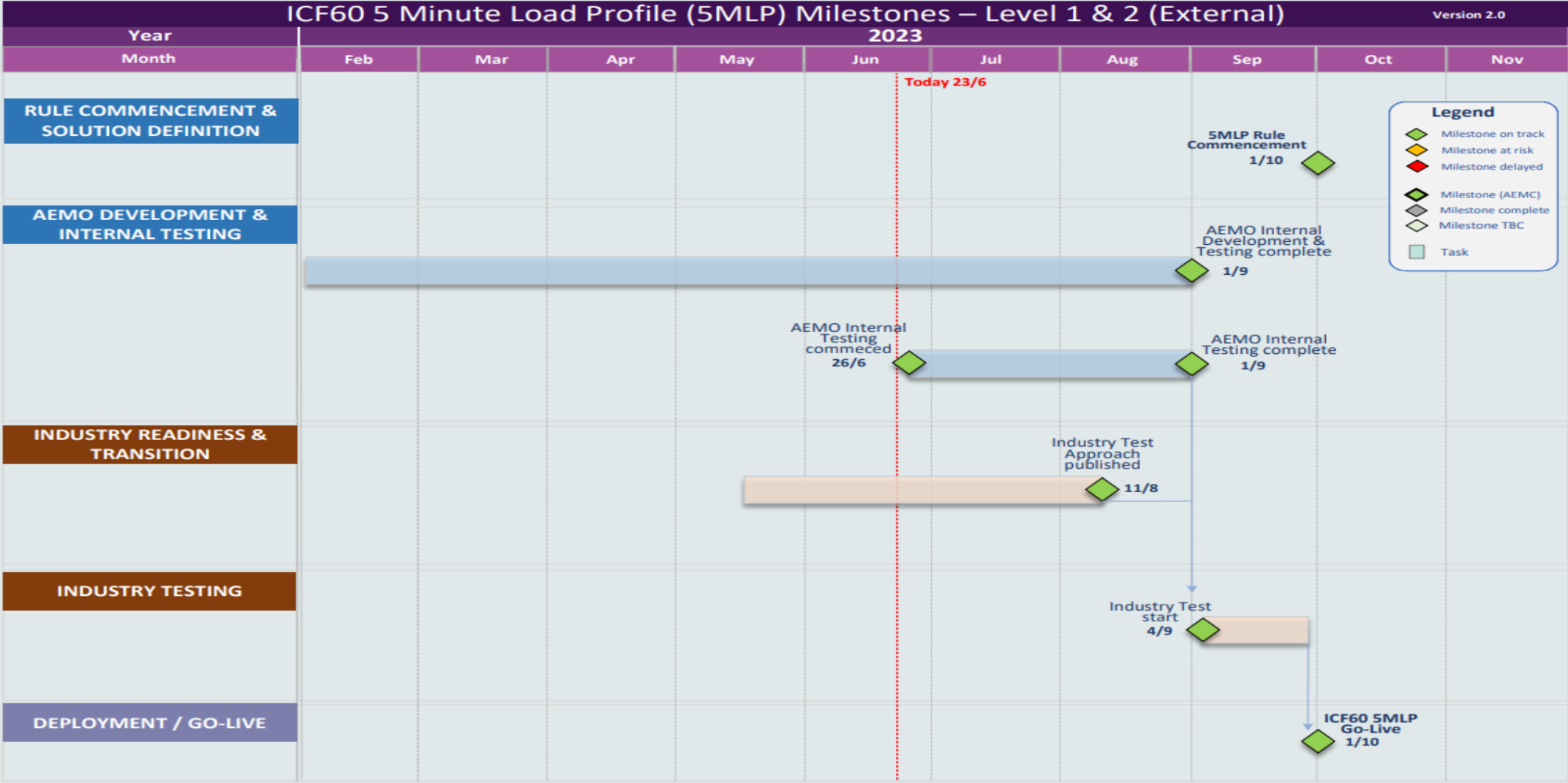
Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> <li>Consultation completed as component of ICF060</li> </ul>	<ul style="list-style-type: none"> <li>No updates to technical documentation required for implementation. Current interfaces and reports remain unchanged.</li> </ul>	<ul style="list-style-type: none"> <li>AEMO development in progress with eMDM main component for changes.</li> </ul>	<ul style="list-style-type: none"> <li>No transition requirements identified for initiative implementation</li> </ul>	<ul style="list-style-type: none"> <li>Industry Testing approach currently being scoped with ITWG.</li> <li>Industry Testing approach with multiple profile runs supported by RM reports.</li> </ul>	<ul style="list-style-type: none"> <li>1 October 2023 is procedure effective date</li> </ul>

### Relevant links

[AEMO | Load Profiling Methodologies Consultation](#)



# 5 Minute Load Profile Timeline



# November 2023 CDR, Metering Exemptions



For Noting

# November 2023: CDR Tranche 3 & CDR MSATS LCCD, Metering Exemptions

## CDR, Metering Exemptions

<b>Key Date(s)</b>	Go-live November 2023 (TBC for Metering Exemptions)
<b>Likely impacted stakeholders</b>	FRMP, MC, MP, DNSP, MDP
<b>Industry testing anticipated</b>	Industry Testing
<b>Overall status</b>	Overall <b>On Track</b> , AEMO development for CDR Complete, Metering Exemptions in progress,

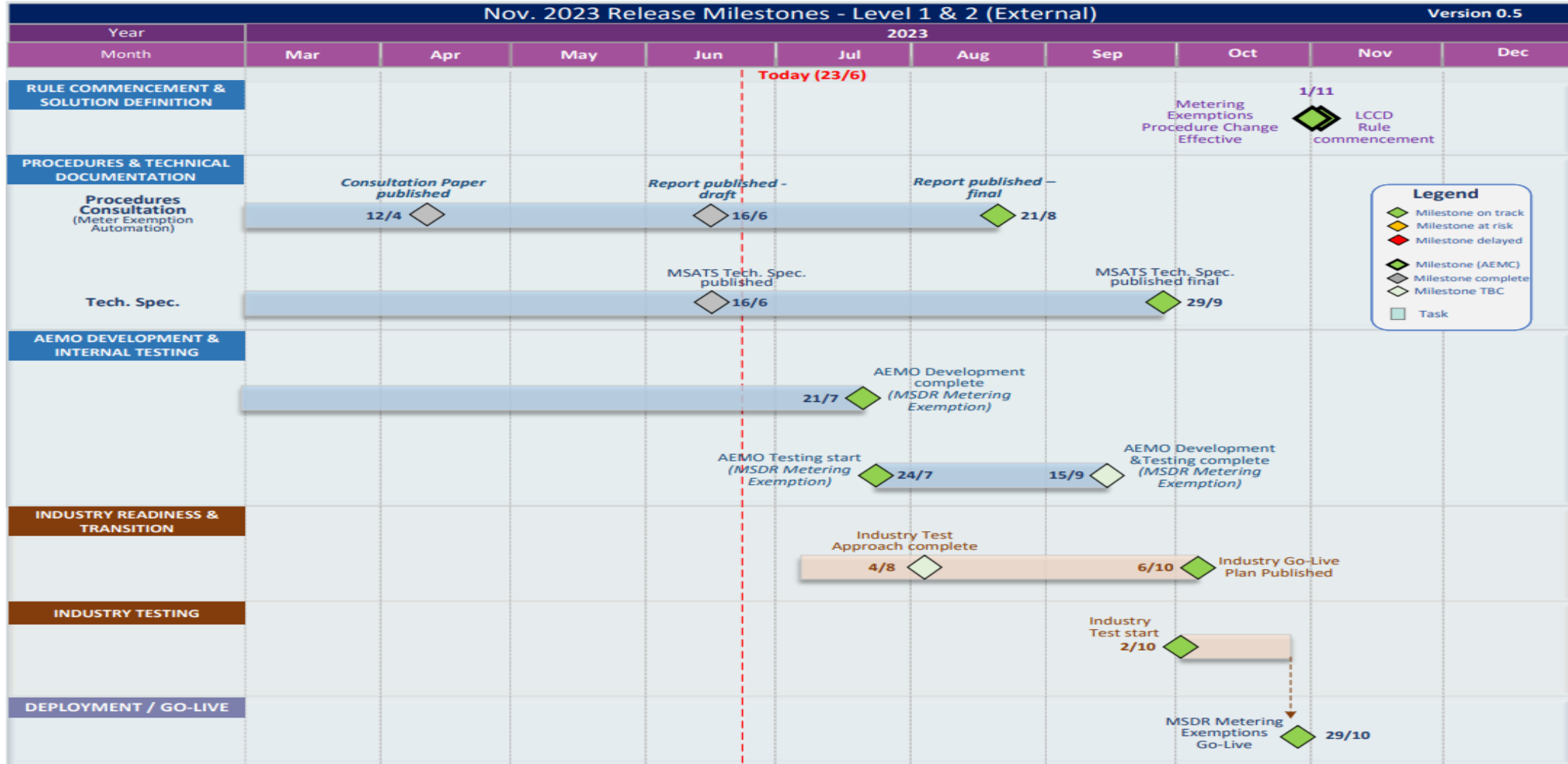
Procedures	Technical documentation	AEMO Development and Internal Testing	Industry readiness and Transition	Industry testing	Deployment and go-Live
<ul style="list-style-type: none"> <li>Minor amendment consultation completed to shift CDR MSATS procedure effective date to 1 November</li> <li>Metering Exemptions consultation in Progress               <ul style="list-style-type: none"> <li>Draft report published 16 June.</li> <li>Submissions close 17 July.</li> <li>Final report due 21 August.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>MSATS 49.1 / 50.0 Technical Specification draft published 19/6</li> </ul>	<ul style="list-style-type: none"> <li>AEMO development for CDR Complete.</li> <li>Development in progress for Metering Exemptions.</li> <li>Development in progress for MSDR fields with compliance holiday expiring 7/11.</li> </ul>	<ul style="list-style-type: none"> <li>Transition of current exemptions included in development scope</li> </ul>	<ul style="list-style-type: none"> <li>LCCD changes available for Industry Test from 1 September</li> <li>Pre-prod support for CDR Tranche 3 Retailers</li> <li>Metering Exemptions Industry Test planning in progress</li> </ul>	<ul style="list-style-type: none"> <li>Metering Exemptions Procedure effective dates 1 November</li> <li>CDR MSATS LCCD population aligned to CDR Tranche 3 rule commencement.</li> <li>MSDR Compliance holiday expires 7th November</li> </ul>

### Relevant links

[AEMO | Consumer Data Rights \(CDR\) MSATS Minor Amendment Proposal](#)

[AEMO | Metering Installation Exemption Automation Consultation](#)

# November 2023 Milestones Timeline



# 8. Foundational & Strategic Initiatives

# Contents



- Recap of context
- Response to feedback
  - Approach to engagement on transition strategy and business case
  - Process for business case (AEMO's Governance process for Strategic/Foundation Initiatives)
- Next steps

# Recap of context

- IDX (Industry Data Exchange), IDAM (Identity and Access Management) and Portal Consolidation are foundational & strategic initiatives identified as prerequisites for the NEM Reform Program and included in the [NEM Reform Implementation Roadmap](#).
- In line with AEMO's [Statement of approach to NEM Reform Implementation Roadmap Governance](#), AEMO has committed to taking these initiatives through a business case process and industry consultation, including review with the Reform Delivery Committee (RDC) and broader industry, before any funding decision is made.
- In preparation for the consultation, AEMO sought the advice from the RDC in relation to the appropriate approach, seeking to balance sufficient detail with efficient investment in the feasibility assessment.
- Based on this, AEMO has taken a pragmatic approach:
  - Pain Points and Conceptual Target State Architecture and Transition strategy principles defined through condensed consultation process
  - Business case 'Lite' approach - primarily qualitative in nature and back up by level of magnitude cost estimates for AEMO and industry.

# Feedback summary (1/2)

In June, AEMO engaged with stakeholders at NEM Reform Forums on the consultation process for IDAM, IDX and Portal Consolidation to ensure ongoing transparency and collaboration on the process.

Feedback was received from Program Consultative Forum and Implementation Forum members on the consultation process and business case. Below summarises the feedback received and AEMO’s proposed approach for discussion with the PCF.

Theme	Feedback received	AEMO’s proposed approach
<b>Consultation schedule</b>	Request for AEMO to provide earlier visibility of workshop contents to facilitate resource allocation for participants	<ul style="list-style-type: none"> <li>The request has been noted. The AEMO team aim to assist participants where it’s practicable to do so.</li> <li>A high level agenda has been provided as an attachment to the calendar invitations for each session to assist with initial view.</li> </ul>
	Concern that time allowed for industry to consider transition strategy will be insufficient	<ul style="list-style-type: none"> <li>AEMO is assessing options to amend the forum schedule to incorporate additional time for industry consideration of the transition strategy and business case.</li> </ul>
<b>Transition strategy</b>	There is concern that AEMO will look at IDAM, IDX and Consolidation initiatives in isolation. We heard that it’s important that these initiatives are considered over the next 3-4 years in light of the regulatory changes that are already planned and coming.	<ul style="list-style-type: none"> <li>As prerequisites for the NEM Reform Program, Transition options includes integration into reforms. A proposed Transition Strategy will be shared with Focus Group members on 13 July.</li> </ul>



# Feedback summary (2/2)

Theme	Feedback received	AEMO's proposed approach
<b>Business case</b>	<p>12 PCF members gave their feedback on preferred approach to forming industry consensus on the business case.</p> <p>Narrow majority (7 out of 12) for Executive Forum.</p> <p>1 abstained indicating more detail was required to support the process</p>	<p>Noting that this would be the first Executive Forum meeting, making effective engagement on this detailed topic challenging.</p> <p>AEMO is considering a hybrid approach:</p> <ul style="list-style-type: none"> <li>• Exec Forum go ahead as planned on 23 August</li> <li>• Focus would be on providing a briefing and an opportunity for input/feedback, rather than a decision-making forum.</li> <li>• A final advice would be sought via circular.</li> </ul> <p>The detailed feedback provided on the business case approach is considered in the drafting process.</p>
	<p>Useful for interested participants to provide participant order of magnitude cost of each of the proposed initiatives. It can take 1 month-6 weeks to get a rough quantum together.</p>	<ul style="list-style-type: none"> <li>• AEMO has initiated planning for working with interested participants on supplementing modelling of estimates for the business case with specific estimates.</li> </ul>
	<p>Clarity on appropriate stage gate processes and business case reviews</p> <p>Including what role the business case plays and input from industry means to next steps is critical for any buy-in.</p>	<p>A detailed response around AEMO's Governance arrangements for Foundational &amp; Strategic initiatives is provided later in this presentation.</p>

# Executive engagement on business case

## RECAP of options presented

At the PCF meeting on 14 June, AEMO sought PCF members feedback on a preferred option by 21 June.

12 PCF members gave their preferred option. Outcome was a narrow majority (7 out of 12) for Executive Forum. 1 abstained indicating more detail was required to support the process

Noting that this would be the first Executive Forum meeting, making effective engagement on this detailed topic challenging.

AEMO is considering a hybrid approach:

- Exec Forum go ahead as planned on 23 August
- Focus would be on providing a briefing and an opportunity for input/feedback, rather than a decision-making forum.
- A final advice would be sought via circular.

The detailed feedback provided on the business case approach is considered in the drafting process.

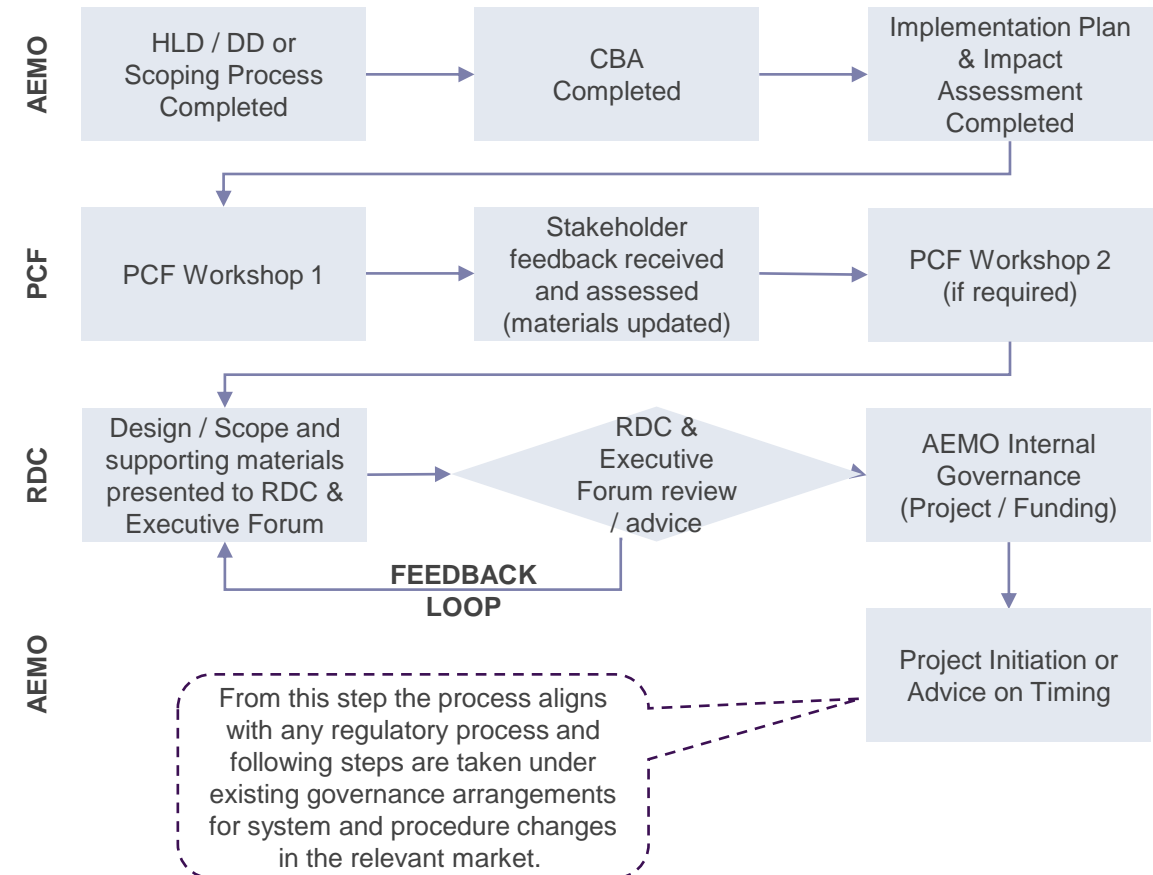
Option	Ask of industry participants
<b>Option 1:</b> Executive endorsement via circular	Participants nominated to the <u>Foundational &amp; Strategic Focus Group</u> are asked to: <ol style="list-style-type: none"> <li>1. Brief internal constituents and execs on the contents and outcomes of the consultation.</li> <li>2. Facilitate an endorsed internal position which can be shared with AEMO.</li> </ol>
<b>Option 2:</b> Table the business case at the first Executive Forum (late Aug-mid Sep indicatively)	Participants nominated to the <u>NEM Reform Forums including the Foundational &amp; Strategic Focus Group</u> are asked to <ol style="list-style-type: none"> <li>1. Brief internal constituents and execs on the contents and outcomes of the consultation.</li> <li>2. Facilitate an endorsed internal position which can be brought to the Exec forum.</li> </ol>

# Process for business case: Governance process for Strategic /Foundation Initiatives

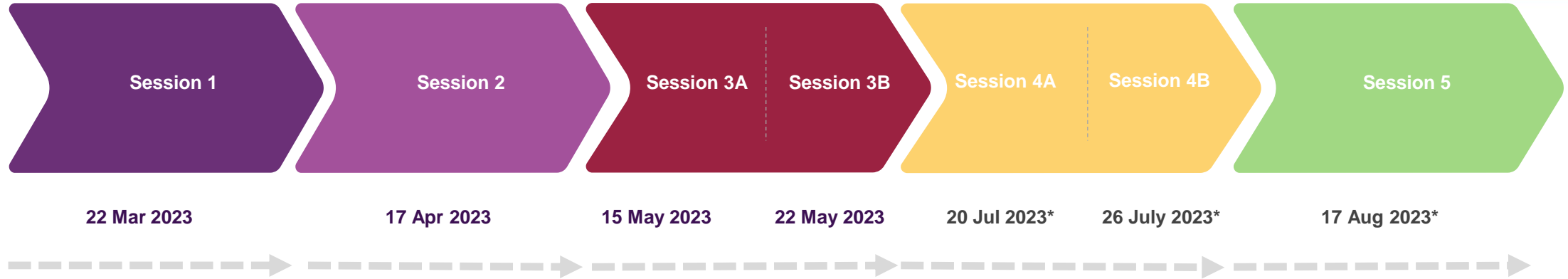
- Initiatives in this category include:
  - Identity & Data bundle – Including IDAM, IDX and Portal Cons.
  - Dispatch Target State
  - FRC Target State
- This process provides for engagement with industry stakeholders, via the PCF, to confirm critical elements of the initiatives including:
  - High Level Design (HLD), Detailed Design (DD) or Scope
  - Implementation Plan and Impact Assessment (cost/benefit)
- Having completed this engagement, AEMO would seek **RDC and Executive Forum advice in relation to whether/when and how** the initiative proceeds
- AEMO’s objective is for the Reform Delivery Committee to operate as a collaborative forum on implementation, and therefore a consensus position will be sought
- RDC views will inform the AEMO internal governance process


This process was discussed with the RDC in July 2022 and published with the Roadmap in September 2022

## STAGE GATE PROCESS



# Industry Consultation - updates



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"> <li>Introduce initiatives</li> <li>Outline workshop plan</li> </ul>	<ul style="list-style-type: none"> <li>Pain points and benefits</li> <li>Survey</li> </ul>	<ul style="list-style-type: none"> <li>Concept walkthrough</li> <li>Survey</li> </ul>	<ul style="list-style-type: none"> <li>Transition Strategy</li> <li>Impacts &amp; Benefits</li> <li>Survey</li> </ul>	<ul style="list-style-type: none"> <li>Summary</li> <li>Options</li> </ul>
Audience		 	 	 	

**Legend:**  Business Focus Group  Technical Focus Group  All interested stakeholders who nominated to Focus Groups

\* forum timeframes under assessment

# Next steps: Transition Strategy & Roadmap Workshops

## COMING UP

- Session 4A - Transition Strategy for Technical Focus Group
- Session 4B - Transition Roadmap for Business Focus Group

## ACTIONS

- Meeting materials to be shared by AEMO one week in advance of the workshops
- Focus Group members are asked to prepare for the workshop as follows:

### Content considerations:

- Review and discuss proposed materials internally ahead of the workshop

### Administrative items:

- RSVP to calendar invite
- Indicate to AEMO if you wish to attend in person in Melbourne

# 9. NEM Reform Forums Update

# NEM Reform Forums update

Channel	Current focus	Next meeting
<b>Information Exchange Committee (IEC) and Business-to-Business Working Group (B2BWG)</b>	<ul style="list-style-type: none"> <li>The current NEM Reform focus is on considering and preparing for the upcoming consultation regarding B2B procedural impacts associated to the introduction of the IESS Rule.</li> </ul>	<b>13 July 2023</b>
<b>NEM Reform Electricity <u>Wholesale</u> Consultative Forum (EWCF)</b>	<ul style="list-style-type: none"> <li>The current focus is on regular updates for inflight reform IESS, FFR, FPP, MT PASA, and the strategic and foundational initiatives (IDAM IDX and PC).</li> <li>AEMO provided a spotlight update on the Reform Delivery Committee at the June meeting.</li> </ul>	<b>18 July 2023</b>
<b>Electricity <u>Retail</u> Consultative Forum (ERCF)</b>	<ul style="list-style-type: none"> <li>The current NEM Reform focus is on considering retail and metering procedural impacts associated to the introduction of the IESS Rule.</li> </ul>	<b>24 July 2023</b>
<b>NEM Reform Implementation Forum</b>	<ul style="list-style-type: none"> <li>Focus on 2023 Releases – progress and implementation updates for all inflight initiatives for 2023 and 2024.</li> <li>Go Live Confirmation for ADC</li> <li>Updates and Assessment of Go-Live Criteria for FFR and Mt PASA</li> </ul>	<b>25 July 2023</b>
<b>NEM Reform Industry Testing Working Group (ITWG)</b>	<ul style="list-style-type: none"> <li>Outlined the approach for August release and October release testing (timelines and scope)</li> <li>ADC Invitation testing scope was review and logistics – Q&amp;A sessions established for ADC invitation test</li> <li>FFR, MT PASA and 5MLP integrated approach during August – October period</li> </ul>	<b>27 July 2023</b>
<b>NEM Reform Executive Forum</b>	<ul style="list-style-type: none"> <li>Targeting Q3 (August 2023)</li> <li>Agenda to focus on:                             <ul style="list-style-type: none"> <li>NEM Reform Industry Impact, readiness and mobilisation through the reforms</li> <li>Project budget status reporting</li> </ul> </li> </ul>	<b>August 2023 (TBC)</b>

For more information and meeting papers for each of the forums, please refer to the [NEM Reform program](#) website.

# 10. NEM Reform Implementation Roadmap Update



# 'Conceptual' initiatives status update

The NEM Reform Implementation Roadmap identifies a number of initiatives that remain in a policy development and design phase or that are subject to ongoing industry trials.

Initiative	Update
Scheduled Lite	Rule change proposal submitted to AEMC, awaiting commencement of consultation process – anticipated mid-2023
Capacity Incentive Scheme	<p>Under policy development led by Commonwealth Government. It is expected to be progressed in two parts:</p> <ul style="list-style-type: none"> <li>• An initial year one tender process (2023) to run in specific geographic locations (SA &amp; VIC)</li> <li>• The design of a national scheme, building on the year one tender process</li> </ul> <p>The Commonwealth budget published 9 May 2023 provided further guidance on next steps, roles and responsibilities including:</p> <ul style="list-style-type: none"> <li>• for AEMO to deliver auctions in SA and VIC and undertake contract management activities for selected projects</li> <li>• for the DCCEEW to design the auction process in late 2023 to operate in SA and VIC, and continue work on a national rollout of the scheme</li> </ul>
Enhanced Information, Congestion Relief Market & Priority Access	<p>Under policy development led by the ESB. Policy papers and final recommendations to Ministers in development – expected mid-2023</p> <p>Enhanced Information: TWG 29 June, policy paper to be published week commencing 03/07</p> <p>CRM &amp; PA: Consultation Paper published (submissions now closed), Visualisation of Prototype Model published (including a full NEM CRM prototype, and a seven node, two region, one FCAS model). Draft rules, detailed design and technical considerations to be developed late 2023</p>

# ‘Conceptual’ initiatives status update (continued)

DER related initiatives remain subject to ongoing reviews and / or work programs and industry trials

Initiative	Update
Dynamic Operating Envelopes	DNSP led initiative. Scope subject to ongoing reviews and industry trials including: AER Review of regulatory framework for flexible export limit implementation (Issues Paper published 19/10/22), AEMC’s review of CER technical standards (Draft report published 24/04/23), ESB’s interoperability policy directions paper (OCT-2022), and Project Edge - Fairness in DOE Objective Function Report (published April 2023)
DER Data Hub & Registry Services	No update as of July 2023. Progress subject to findings from other initiatives, reviews and work programs such as IDAM, IDX and Project Edge – Customer Insights Final Report published June 2023
DER Operational Tools	As above
Distribution Local Network Services	As above

# ‘Conceptual’ initiatives status update (continued)

As the ESB transitions to the new Energy Advisory Panel (EAP), ongoing workstreams under the Data Strategy will continue to be progressed by market bodies and officials

Initiative	Update
Data Services	The ESB has finalised for consideration by Ministers the proposed <i>National Energy Laws Amendment (Data Access) Bill 2023</i> available on the ESB’s website alongside policy position paper
Bill Transparency	The ESB is finalising a consultation paper to be published within the coming weeks presenting various options for creating greater transparency of consumer billing data. This consultation is to be taken forward by the AEMC
Electric Vehicles Charging Standing Data Register	The ESB has published a Consultation Outcomes Report in response to feedback received on the Electric Vehicle Supply Equipment (EVSE) Standing Data Consultation Paper in early 2023. AEMO to develop a RCR to expand current arrangements for the Distributed Energy Resources Register (DERR) to include EVSE – targeting submission end of 2023
Network Visibility	The ESB published for consultation its paper Network Visibility for Markets as part of Phase 1: Define use cases and required data sets for the initiative. This work will be taken forward over 2023/24 by the AER. From 1 July 2023, the AER is the key point of contact for interested parties and stakeholders to engage with. Submissions on the paper are due to the AER by 01/09/23

# 11. Upcoming Engagements

# Upcoming Engagements

July						
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2	3	4	5	6	7	8
9	10	11	12	13	14	15
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August						
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September						
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October						
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29	30	31				

NEM Reform Program Forums
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
Initiative Specific Meetings
NEM Reform Foundational and Strategic initiatives
Other
National Public Holiday
State/Territory Public Holiday

## Market Systems User Group (MSUG)

- MSUG is a technical forum focusing on technical specifications published on the IT Change and release management webpage. To receive an MSUG invitation please ask your organisation to include your email in their AEMO help desk bulletin distribution list.
- For further information on this forum please contact AEMO support Hub via the following contact form [link](#) or email [support.hub@aemo.com.au](mailto:support.hub@aemo.com.au)

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

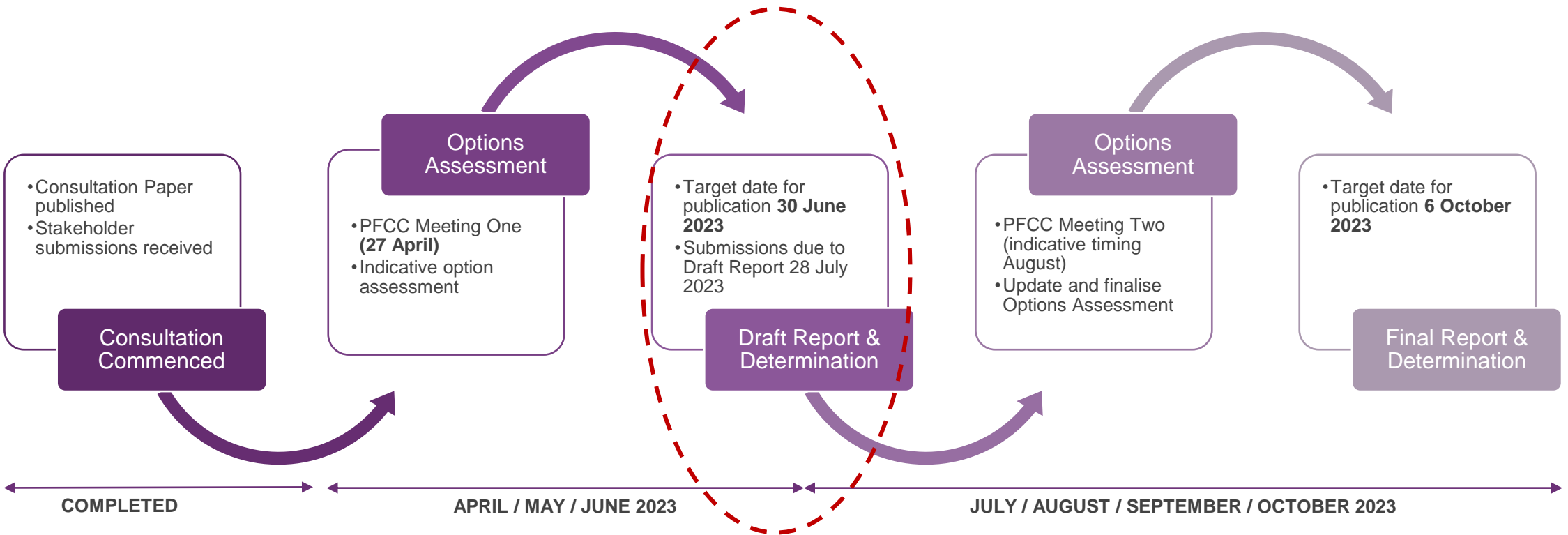


# Fee Consultation Update

Lance Brooks

# Participant Fee Structure for the NEM2025 Reform Program Declared NEM Project

- AEMO is conducting a consultation on the determination of the Participant Fee structure for the NEM2025 Reform Program declared NEM project. The NEM2025 Reform Program was determined a declared NEM2025 Reform Project on 29 September 2022 following a consultation process
- **On 30 June 2023, AEMO published its Draft Report and Determination for the stakeholder feedback.**



# 12. General Questions and Other Business



[NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au)



[NEM Reform 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 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 Reform 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

# Appendix C: Risk matrix

# Industry Risk Register

## Risk Matrix

Likelihood	Risk Rating			
	Likely	Medium	High	High
	Possible	Low	Medium	High
	Unlikely	Low	Low	Medium
	Minor	Moderate	Major	
Consequence				



For more information visit

[aemo.com.au](http://aemo.com.au)