



Stakeholder information session

Integrating Price Responsive
Resources into the NEM (IPRR)

3 July 2026



1. Welcome

Jen Marin

We acknowledge the Traditional Custodians of the land, seas and waters across Australia. We honour the wisdom of Aboriginal and Torres Strait Islander Elders past and present and embrace future generations.

We acknowledge that, wherever we work, we do so on Aboriginal and Torres Strait Islander lands. We pay respect to the world's oldest continuing culture and First Nations peoples' deep and continuing connection to Country; and hope that our work can benefit both people and Country.

'Journey of unity: AEMO's Reconciliation Path' by Lani Balzan

AEMO Group is proud to have delivered its first Reconciliation Action Plan in May 2024. 'Journey of unity: AEMO's Reconciliation Path' was created by Wiradjuri artist Lani Balzan to visually narrate our ongoing journey towards reconciliation - a collaborative endeavour that honours First Nations cultures, fosters mutual understanding, and paves the way for a brighter, more inclusive future.

Read our
RAP



Reminder - Housekeeping

1. Please mute your microphone unless asking a question or presenting.



2. In attending this meeting, you are expected to:

- Contribute constructively and relevant to the topic of the meeting
- Be respectful, both on the call and in the chat
- Participants are asked to familiarise themselves with AEMO's:
 - Meeting conduct and expectations as outlined in Appendix A
 - [Competition Law Meeting Protocol](#) as outlined in Appendix A and at AEMO's website.



3. We look forward to your feedback and questions.



- We have chat function enabled.

4. This meeting will be recorded by AEMO and may be accessed and used by AEMO for the purpose of notetaking.

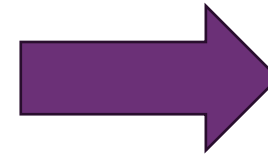
Why we're here today

AEMO established the Integrating Price Responsive Resources into the NEM (IPRR) project under the NEM Reform Program to carry out the procedure and system changes arising from the [IPRR Rule](#) and to support industry readiness for the changes.

AEMO proposed a stage implementation and asked stakeholders to provide feedback. Over the consultation period, AEMO conducted:

- 1:1's
- Information Sessions
- Q&A Sessions
- Written submissions to the Consultation Paper

AEMO has consolidated feedback into key themes to be shared with industry on the proposed path forward, prior to finalising the rule change proposal and progressing with staged delivery.



Today AEMO will playback to industry key themes on the proposed staged delivery approach

Objectives of today's session



To provide an overview of stakeholder engagement to date on the reset



To playback and share key themes identified during the consultation process



To share next steps and updated timings

Agenda

#	Time (AEST)	Topic	Presenter/s
1	1:00 - 1:05 PM	Welcome and Objectives	Jen Marin
2	1:05 – 1:15 PM	IPRR Reset Recap	István Szabó
3	1:15 – 1:20 PM	Overview of Industry Engagement	István Szabó
4	1:20 - 2:25 PM	Stakeholder Feedback Received During the Consultation Period Key Themes: 1 - Broad support for staged delivery approach 2 - Stage 1 participation and operating model 3 - Capabilities of Stage 2 and beyond 4 - Coordination, data and broader reform alignment IPRR and CDX: Additional Information	Anna Boin / Deb Marsh
5	2:25 – 2:40PM	AER Waiver and Stage One	Leigh Henderson
6	2:40 – 2:50 PM	Rule Change Request Update and Next Steps	Graham Mills / Jen Marin
7	2:50 - 3:00 PM	Q&A	Jen Marin
	3:00 PM	Close	



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2. IPRR Reset Recap

István Szabó

IPRR reset snapshot

Progressively develop capability that is fit for purpose and adaptive to the evolving reform and market needs.

Staged Delivery Path Recap

Based on a staged deployment of capability that progressively introduces IPRR features in line with capacity to implement and benefits

1

Stage 1: Trial-like* with no IT changes, enabled by AER sandboxing. Operation starts in 2027. VIM incentive not available.

2

Stage 2: Only nominations and portfolio management are delivered, enabled by rule change request. Operation starts in 2028. Participant VIM incentives.

3

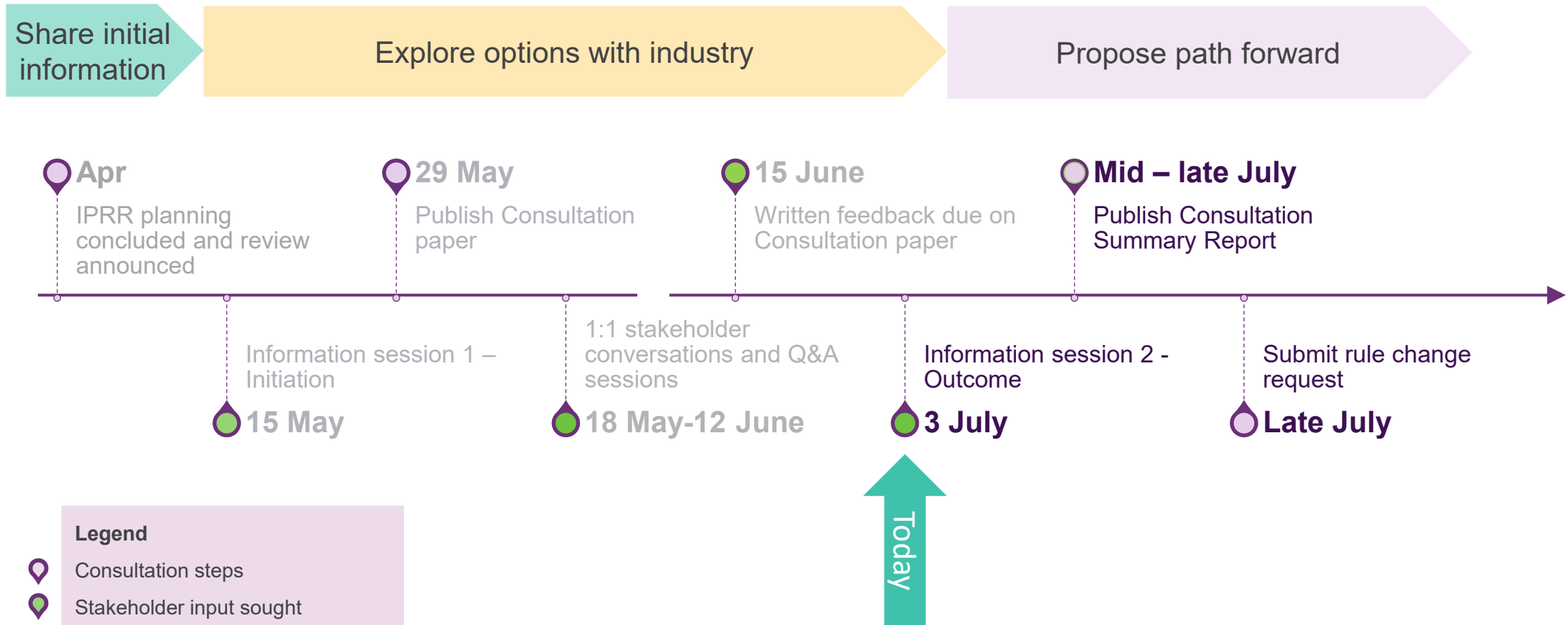
Stage 3: Rest of IPRR functionality delivered, also enabled by rule change request. Operation starts in 2029. Participant VIM incentives.

Next Steps

- Continuing to:
 - hold 1-on-1s with stakeholders
 - scope Stage 1 sandboxing with the AER
 - draft NER Rule Change request

* Trial Like in Stage 1 referred to is a trial in production to align with the AER's [definition](#) being used in regulatory sandboxing.

Consultation timeline

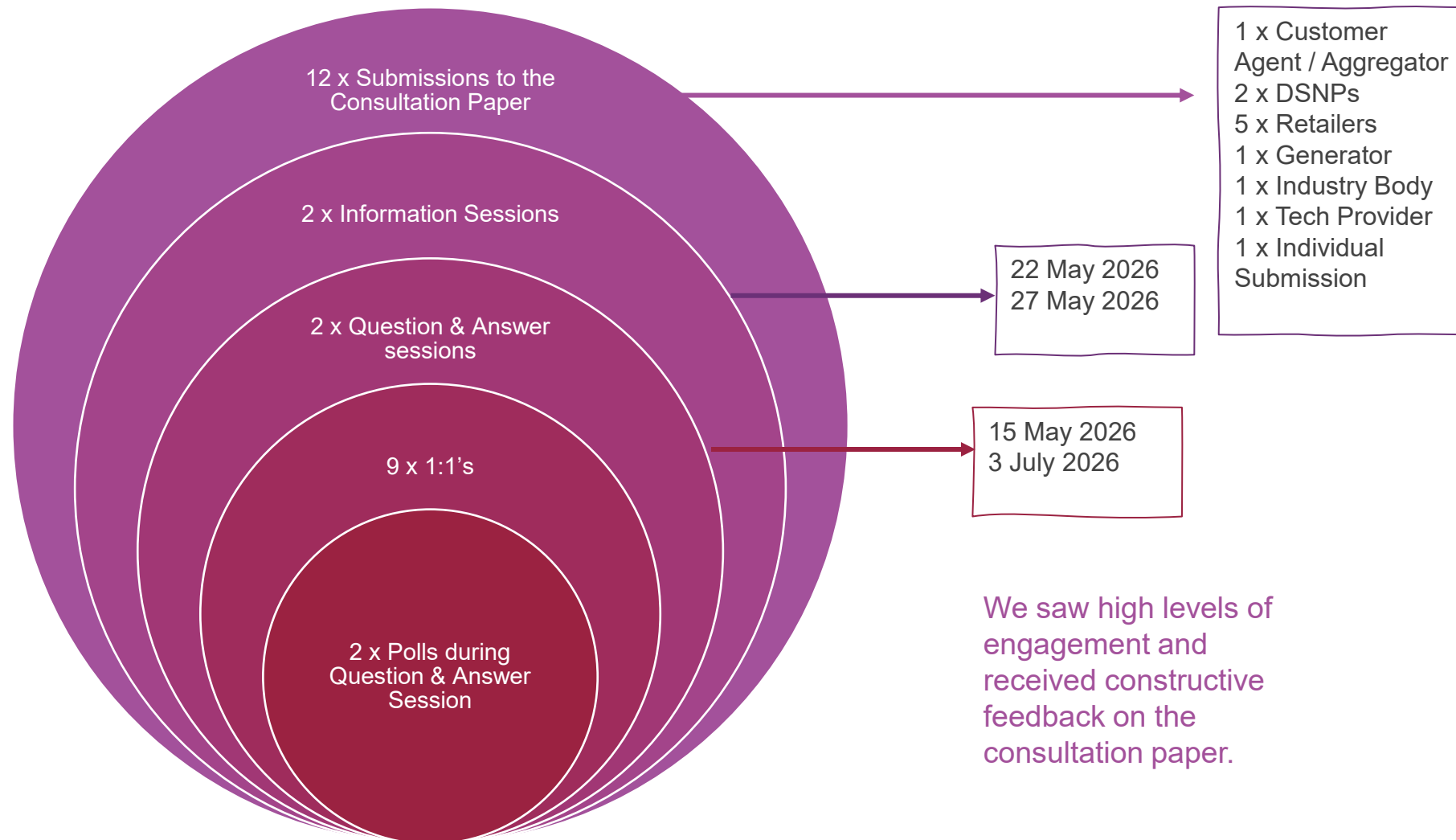


3. Overview of Industry Engagement

István Szabó

Industry Engagement

Significant stakeholder engagement for the consultation period of May and June



4. Key themes – Stakeholder Feedback

Anna Boin / Deb Marsh

Key Theme – Broad support for the staged delivery approach

- General support for the staged delivery approach
- Recognition that staged delivery reduces implementation risk and enables learning
- Support for aligning IPRR with related reforms and initiatives
- Some concern that revised timing impacts organisations that have already prepared for IPRR participation
- Desire to maintain momentum and avoid unnecessary delays

Broad support for the direction, with a focus on timely and practical implementation.

Key Theme – Stage 1 participation and operating model

- Support for a practical, trial-like Stage 1
- Participation depends on a credible value proposition
- Interest in funding, incentives or transitional support mechanisms
- Some suggestions that more than one VPP would improve learnings and diversity
- Support for suspension of dispatch conformance monitoring
- Support for transparent participation criteria and publication of learnings

A keen interest in Stage 1 provided there is sufficient benefit to generate meaningful participation and learnings.

Key Theme – Capabilities of Stage 2 and beyond

Stage 2:

- Support for the VIM as a participation enabler
- Strong support for linking VIM to capability and conformance
- Openness to separate arrangements for conformance when no VIM paid
- One submission suggested if Stage 1 funding is insufficient, then offer prioritised access to VIM for Stage 1 participants

Broader transitioning and capabilities:

- Interest in clear transition arrangements between stages
- Strong support for mixed aggregation capability and energy model changes
- Mixed views on timing of FCAS and other supporting capabilities

Industry supports progressive capability delivery and incentives linked to performance.

Key Theme – Coordination, data and broader reform alignment

- Alignment with broader reform initiatives such as CDX, Distribution System Operator (DSO) reform, Flexible Trading, the Market Visibility Framework (MVF)
- Support for Dynamic Operating Envelope (DOE) provision and operational data sharing
- CDX viewed as an important enabler, but not a prerequisite for progressing IPRR
- Desire to minimise duplication and conflicting obligations across reforms

Successful implementation depends on coordination across related reforms and initiatives.

IPRR and CDX: Additional information

- Functionality delivered through CDX could assist IPRR with:
 - Portfolio visibility (AEMO → DNSP)
 - Pre-dispatch target sharing (VSRP* → AEMO → DNSP)
 - DOE sharing (DNSP → VSRP)
- IPRR is a potential use case for CDX functionality, but other pathways exist:
 - Other technical solutions, including those originally considered for IPRR, will be pursued.
 - Current IPRR rule does not require DOE sharing; it is limited to DNSPs consulting with VSRPs on designing flexible export limits. AEMO is open to exploring ways to support DOE sharing where there is firm industry participation and a regulatory pathway.
- IPRR stage design currently assumes CDX functionality will not be available:
 - It is not feasible to add DOE sharing to the proposed IPRR rule change request scope.
 - The CDX project continues to explore technical and regulatory requirements for priority use cases, including DOE sharing. Following investigation and based on stakeholder feedback, potential regulatory pathways via CDX may not align with the timeframes for the IPRR stages.

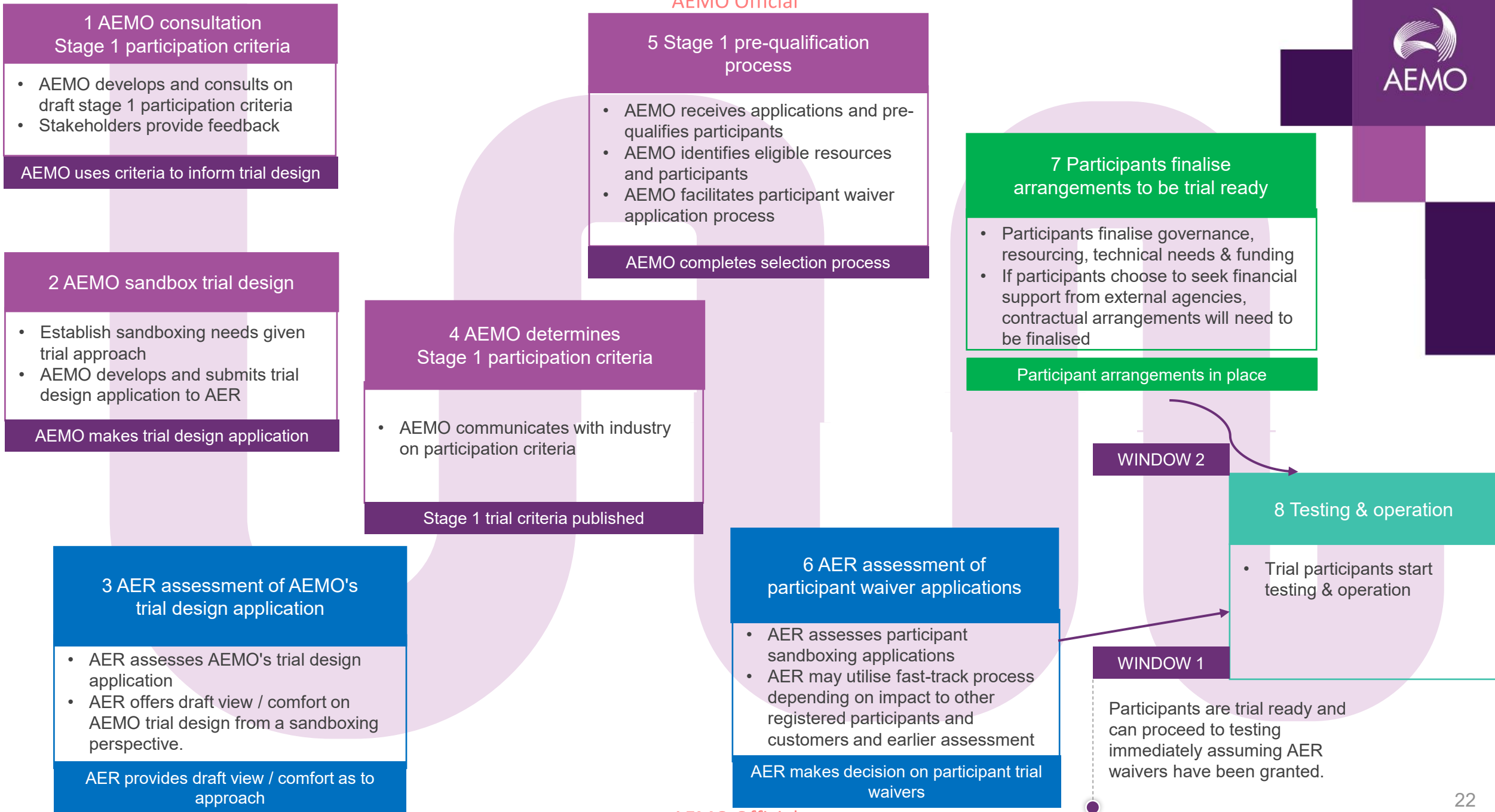
* VSRP: Voluntarily Scheduled Resource Provider

5. AER Waiver and Stage One

Leigh Henderson

Stage 1 - AER sandboxing approach

- An AER sandboxing approach is planned to support Stage 1 participation under existing rules. Sandboxing involves AER waiving existing rule obligations to allow for a time limited trial.
- AEMO is currently working with the AER on the sandboxing approach.
- Initially AEMO will be seeking in principle support / comfort from the AER as to the Stage 1 trial design. Following a selection process, AEMO will facilitate participant AER waiver applications by providing a largely pre-populated application form for participants to complete and submit. This will limit the effort required by trial participants.
- There will be no VIM in Stage 1, participants may seek funding support through other funding agencies.
- Two intake windows are proposed:
 - Window 1 – for participants who are trial ready immediately
 - Window 2 – participants who need to finalise arrangements before being trial ready



6. Rule Change Request Update and Next Steps

Graham Mills

Rule Change Request Update

- The staged implementation approach rule change request will be submitted at the end of July 2026.
- The staged implementation approach focusses on delivering IPRR rule functionality over time. This will involve:
 - Rescheduling full IPRR functionality from 23 May 2027 to Stage 3 commencement
 - Specify the functionality to be delivered at Stage 2 including transitional arrangements
- Our current approach is to limit policy changes to those required to manage uncertainty and barriers to participation in Stage 2.
- The staged implementation approach rule change request will be submitted in a package of rule change requests including the rule change requests specified on the next slide.

Rule Change Request Update

The intent is to submit a package of rule change proposals

- The staged implementation approach rule change is intended to be submitted in a package with additional rule change requests that address IPRR rule issues identified in implementation.

Additional rule change request	Description
Removing VSRs from FPP eligibility	Removing VSRs from eligibility under the frequency performance payments (FPP) framework as the costs and complexity associated with inclusion exceed benefits.
Publishing VSR SCADA	Including VSRs in AEMO's existing obligation to publish SCADA data on actual consumption and production for other scheduled resources.
Clarifying the application of 3.8.2(e) to VSR	Enable AEMO to prevent a VSR from hibernating or deactivating so it can exercise its existing clause 3.8.2(e) powers to require non-scheduled units to become partially scheduled for system security.

- A further rule change to allow VSRs to be 'constrained on' may be submitted at a future date as it requires additional consideration and engagement..

Next steps

AEMO will be:

- Consolidating feedback received – complete.
- Publishing a Consultation Summary Report by mid / late July.
- Submitting rule change request for staged implementation of IPRR to the AEMC in late July.
- Making 4 additional rule change requests to address specific IPRR implementation issues to be submitted by end July 2026 with the main rule change.
- Possibility of additional 2 rule change requests to be made a later date (TBC).
- Stage 1 design consultation expected to commence August.

Stakeholders can participate by:

- Attending the monthly Program Consultative Forum.
- Contacting AEMO for further information or regarding the additional rule change requests, via NEMReform@AEMO.com.au

Industry Survey

We have a survey that we'd like you fill in regarding your interest in participating in IPRR Stage 1. It will only take a few minutes.

Fill in [the survey](#)



Find out more

- [Integrating Price Responsive Resources into the NEM Frequently Asked Questions](#)
- [AEMO | Integrating Price Responsive Resources into the NEM \(IPRR\)](#)
- [AEMC Rule | Integrating Price Responsive Resources into the NEM](#)

Please contact us: NEMReform@AEMO.com.au




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NEM Reform Program Initiatives

- Basslink Determination - Participant Support Arrangements
- Cash Security
- Consumer Energy Resources (CER) Data Exchange
- Electric Vehicle Data
- Fast Frequency Response
- Flexible Trading Arrangements
- Frequency Performance Payments project
- Improving Security Frameworks for the Energy Transition
- Integrating Energy Storage Systems project
- Integrating Price Responsive Resources into the NEM (IPRR)**
- Integrating Price Responsive Resources into the NEM Frequently Asked Questions
- Price Responsive Reporting
- Inverter Dispatch
- Metering Services Review - Accelerating Smart Meter Deployment
- Primary frequency response
- Project EnergyConnect – Market Integration project
- Real-Time Data (RTD)
- SCADA Lite
- Shortening the Settlement Cycle (SSC)

Integrating Price Responsive Resources into the NEM (IPRR)

Background

There are a wide range of energy resources (for example, batteries) that enable consumers or parties acting on their behalf to respond to spot prices. The increasing number and magnitude of these unscheduled resources is a significant opportunity for consumers, retailers and the broader electricity system. However, this responsiveness isn't currently effectively integrated into the NEM. It is not directly considered when determining the level of demand, how best to meet this demand or the spot price.

To address this, in January 2023, AEMO submitted a [rule change request](#) for the 'Scheduled Lite Mechanism' to the Australian Energy Market Commission (AEMC) for its consideration.

AEMO was tasked by the Energy Security Board (ESB) to prepare the rule change in accordance with the ESB's:

- Post 2025 Market Design Final Advice to Energy Ministers
- Consumer Energy Resources (CER) implementation plan.

The AEMC progressed this rule change request and on 19 December 2024, following an extensive consultation process, published a final determination and a more preferable final rule titled [Integrating price-responsive resources into the NEM](#).

AEMO has established the Integrating Price Responsive Resources into the NEM (IPRR) project under the [NEM Reform Program](#) to carry out the procedure and system changes arising from the rule and to support industry readiness for the changes.

After careful evaluation, in April 2026, AEMO is proposing to temporarily pause and reset the delivery path for the Integrating Price Responsive Resources into the NEM (IPRR) rule implementation.

During implementation planning, AEMO identified the following constraints:

- Resourcing constraints and competing priorities (particularly in NEM scheduling, portfolio management and settlements)
- IT environment limitations leading to congestion across in-flight projects
- Further increased solution complexity than anticipated, increasing effort, duration and cost
- Some elements of the policy design are too complex and costly to implement.

AEMO is working with industry on a proposed approach to a staged implementation.

To help shape the staged delivery path, AEMO is holding an **Information Session on Friday 15 May 2026, 1–3 pm (AEST)**. [Please register your interest](#).

For further details please visit the [Frequently Asked Questions](#) page or the latest IPRR update in the [Industry status report](#).

Get involved with NEM Reform

AEMO Official



Navigate NEM Reform with confidence!

Market participants and their representatives are encouraged to collaborate with us through our forums and working groups, for up-to-date information and readiness support throughout the reform lifecycle.

Looking to stay informed? A range of self-service information is available to help you assess impacts, plan next steps and track progress. Download the Implementation Roadmap, access meeting materials published at forum webpages, read the latest monthly industry status report, [subscribe](#) to the program newsletter, or join the next public briefing.

Key links:

- ❖ [NEM Reform Program Forums](#)
- ❖ [NEM Reform Program Initiatives](#)
- ❖ [NEM Reform Program Industry Status Report](#)
- ❖ [NEM Reform Implementation Roadmap](#)
- ❖ [Participant Impact Assessment \(PIA\) Dashboard](#)
- ❖ [Industry Meetings Calendar](#)

Join our Program Forums

Forums	Forum Focus	Cadence	Approach
Executive Forum	Program overview and status update	3x per year	Nomination
Reform Delivery Committee (RDC)	Long term implementation planning	Quarterly	Nomination
Program Consultative Forum (PCF)	Inflight initiatives status & co-ordination	Monthly	Open
Implementation Forum	Digital implementation & Readiness	Monthly	Open
Electricity Wholesale (EWCF) Electricity Retail (ERCF) Consultative Forums	Procedure change & continuous improvement in the sector	Monthly	Open
Industry Testing Working Group	Industry Testing planning and coordination	Monthly	Open
Working Groups	Inflight	As appropriate	As appropriate

In-depth collaboration on inflight initiatives include:

Limits Advice Working Group

Market Interface Technology Enhancements Working Gr (IDX/IDAM/PC)

Real Time Data Working Group (pre-consultation)

Want to participate in any of these forums? Find out when the next one is through the [Industry meetings calendar](#), email us to join at NEMReform@aemo.com.au.

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7. Q&A



For more information visit



NEMReform@aemo.com.au



[AEMO | NEM Reform initiatives | IPRR](#)

Appendix A – AEMO Competition Law Meeting Protocol and Meeting Expectations

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Meeting conduct

AEMO is committed to supporting a safe and respectful environment for our people and all attendees of our sessions. We seek to provide an environment in which stakeholders feel informed and comfortable to share their perspectives and concerns with us.

All attendees are expected to:

- prepare for the meetings, including reviewing any pre-reading and presentation material
- ensure they have appropriate software available to join the meeting (which will be indicated in the meeting invitation, usually Microsoft Teams)
- respect the diversity of the group
- speak one at a time and refrain from interrupting others to ensure all attendees who wish to have an opportunity to speak are afforded the opportunity to do so
- share opinions and information respectfully, whether verbally or in writing (e.g. in Teams 'chats'), and respect the contributions of others (even where there may be a difference of opinion)
- share opinions that are relevant to the topic under discussion
- maintain confidentiality when information is shared in confidence.
- AEMO will remind attendees of these meeting expectations at the start of each session.
- Behaviour that is in AEMO's opinion, disruptive, disrespectful or not in accordance with the above expectations, may result in the immediate removal of an attendee from a meeting by AEMO and a review of the individual's ongoing involvement in future forums.

In addition, AEMO personnel are required to behave in a way that is consistent with our [Code of Conduct](#).

If you think an AEMO representative is not behaving consistent with the Code of Conduct, please email stakeholderrelations@aemo.com.au or speak to a senior AEMO representative.

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, all participants agree to adhere to the CCA at all times and to comply with appropriate protocols where required to do so.

AEMO has developed meeting protocols to support compliance with the CCA in working groups and other forums with energy stakeholders. Before attending, participants should confirm the application of the appropriate meeting protocol.

Please visit: <https://aemo.com.au/en/consultations/industry-forums-and-working-groups>

Appendix B –Glossary

Glossary

TERM	DEFINITION	TERM	DEFINITION	TERM	DEFINITION
AEMC	Australian Energy Market Commission	ERI	Enhancing reserve information	MITE	Market interface technology enhancement
AEMO	Australian Energy Market Operator	ESB	Energy Security Board	NEM	National electricity market
AER	Australian Energy Regulator	EV	Electric vehicle	NEMDE	National electricity market dispatch engine
API	Application Programming Interface	FCAS	Frequency control ancillary service	NEO	National electricity objective
ARENA	Australian Renewable Energy Agency	FEL	Flexible export limit	NER	National electricity rules
B2B	Business to business	FPP	Frequency performance payments	NMI	National metering identifier
B2M	Business to market	FTA2	Unlocking benefits of CER through flexible trading	NSP	Network service provider
BDU	Bidirectional Unit	FRMP	Financially responsible market participant	PASA	Projected assessment of system adequacy
CER	Consumer Energy Resources	HLIA	High level implementation assessment	PMS	Portfolio management system
COAG	Council of Australian Governments	IESS	Integrating energy storage systems	PoL	Predictability of load
CRMP	Cost recovery market participant	IDAM	Identity access and management	REZ	Renewable Energy Zones
DER	Distributed energy resources	IDX	Industry data exchange	SCADA	Supervisory control and data acquisition
DNSP	Distribution network service provider	IPRR	Integrating price responsive resources	ST PASA	Short Term Projected Assessment of System Adequacy
DOE	Dynamic Operating Envelope	IRP	Integrated resource provider	V2G	Vehicle-to-grid
DRSP	Demand response service provider	ISP	Integrated system plan	VPP	Virtual Power Plants
DSP	Demand side participation	MASS	Market ancillary services specification	VSR	Voluntarily scheduled resource
DUID	Dispatchable unit identifier	MSL	Minimum System Load	VSRP	Voluntarily scheduled resource provider
				WDRM	Wholesale Demand Response Mechanism

- A comprehensive glossary of terms (and measurements) can be found at AEMO's website: <https://aemo.com.au/learn/industry-terminology>
- For rules terms, see the relevant industry rules on the [AEMC website](#) > [Energy rules](#).