

# Industry Information Session

## Package 1 - Gas Retail B2B Changes

Date/Time – 24 Sept 2025 (1pm – 2:30pm Melb time)

Version 1.0





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

Read our  
RAP



# Agenda

1. Welcome and AEMO Competition Law Meeting Protocol\*
2. Introduction
  - Organisations impacted by these changes/Attendance check list
  - Purpose
  - Project framework
  - GRCF Reps / First point of contact
3. Gas retail market background information
  - What is a Technical Protocol?
  - What is an aseXML schema
  - What is a certification / recertification
  - Previous aseXML schema uplifts
4. Summary of changes
5. Residual changes
6. Project Timeline
7. Testing
  - Re-Certification window
  - Industry Testing Approach
8. Cutover activities
9. AEMO support website
10. Next Steps
11. Appendix

**Note \*** – Any dealings with AEMO regarding proposed reforms or other initiatives, all participants agree to adhere to the Competition and Consumer Act and to comply with AEMO Protocol. You may view the AEMO Competition Law Meeting Protocol [here](#) .



# Introduction

Paul Carpenter (AEMO)

# Organisations impacted by these changes

- The following are organisations that will be impacted by this change.

Retailers		Distributors
1st Energy	M2Energy*	ActewAGL Distribution*
ActewAGL Retail	Momentum	APA
AGL	Origin Energy	AusNet
Alinta Energy - East Coast	OVO Energy*	AGN
Agora Retail	Pacific Blue*	Jemena
Covau	Pacific Energy*	Multinet Gas
Discover Energy*	Perpetual Energy*	
Energy Australia	Powershop	<b>Market Operator</b>
Energy Locals*	Santos*	AEMO
Engie	Shell Energy	
GloBird Energy*	Sumo Gas*	
Group Energy*	Telstra Energy*	
Red/Lumo Energy		

- The actual changes being made do not impact Western Australia.

**Note 1** – The above table is a list of participants whereby AEMO has provide advice to the participant that have passed the appropriate certification standards and have received a FRC Hub Compliance Certificate as specified in the Retail Market Procedures.

\* No response to session invitation

# Purpose of this industry information session



- The key information areas are;
  - Background on technical documentation that underpin these changes. Includes information about recertification.
  - Summary of each change and the applicable jurisdiction. This include key documentation containing information about these changes.
  - Information the key industry milestones including the target effective date.
  - Information on the testing program which includes a reminder about obligations on AEMO and participants to recertify systems.
  - Information on:
    - the AEMO website page that contains details regarding this initiative; and
    - dedicated e-mail account.
- **Important note:** This session will not review or consult on the scope of this initiative. Scope has been previously agreed via the Industry consultation process with the GRCF. Click [here](#) to view. It is also not about answering detailed specific question on any elements pertaining to the change.

# Our project framework to progress these gas changes

- Fundamentally the same as the 2021 gas retail market release that involved an aseXML schema uplift for life support and other B2B<sup>2</sup> changes. These 2021 changes were implemented on time and without issue.
- The project framework being adopted is “fit for purpose” given the similarities between the gas 2021 changes and those that pertain to the Gas Retail B2B Package 1 changes.
- Dual fuelers should note that the project framework for these gas changes are different to the project framework applied National Electricity Market (NEM) changes. For example, formation of testing forums will not be established for the gas project.

# Gas Retail Consultative Forum (GRCF)



- AEMO has worked with the Gas Retail Consultative Forum (GRCF) to develop the changes that make up the Gas Retail B2B Package 1 changes.
- AEMO consulted on the changes in accordance with the relevant legislative requirements.
- Your organisation's GRCF representative contributed to the design of the changes and provided drafting instructions for the Technical Protocol (TP) changes that AEMO prepared. They are therefore Subject Matter Experts (SMEs) on the changes. If anyone within your organisation including third-party service provider have any questions your first point of contact is your GRCF representative.

# Gas Retail Consultative Forum (GRCF) representatives



Company	Representative	Company	Representative	Company	Representative
1st Energy	Liam Foden (tbc)	M2Energy	Charlie McNamara (tbc)	ActewAGL Distribution	
ActewAGL Retail	Keiron Moore	Momentum	Mark Lee (tbc)	APA	Anthony Boin
AGL	Mark Riley	Origin Energy	Mario Iogha	AusNet	Justin Betlehem
Alinta Energy - East Coast	Simon Kinnear	OVO Energy		AGN	Rick Abbott
Agora Retail	Paul Bresloff-Barry	Pacific Blue	Shawn Tan	Jemena	Marc Flynn
Covau	Beth Corcoran (tbc)	Pacific Energy		Multinet Gas	Kelly Murray
Discover Energy	Isaac Liu	Perpetual Energy			
Energy Australia	Jo Sullivan (tbc)	Powershop	Haiden Jones (tbc)		
Energy Locals		Santos	Ryan Middleton		
Engie	Aakash Sembey	Shell Energy	Erin Clydesdale		
GloBird Energy	Stephen Murray	Sumo Gas	Fiona Savage (tbc)		
Group Energy		Telstra Energy			
Red/Lumo Energy	Sean Jennings				

# Gas retail market background information

Danny McGowan (AEMO)



# Gas retail market background information

*The following is information most people should already know. However, there maybe new people within your organisation that aren't that familiar with some of the fundamentals.*

## What is a Technical Protocol?

- The technical protocols are the documents that prescribe the technical standards for the transactions used in the gas retail market.
- The technical protocols are enforced under the National Gas Law (NGL) / National Gas Rules (NGR).
- The Technical Protocols (TP) have been developed by AEMO in consultation with Industry participants.
  - Technical protocols operating in Victoria, Queensland and NSW/ACT are called Gas Interface Protocol (GIP)
  - Technical protocols operating in South Australia are called the Specification Pack (SP)
- The artefacts listed in the GIP and SP are the technical procedures that describe the interaction between participants and AEMOs IT systems. These documents underpin how the gas retail market system to operate.

# Gas retail market background information



## What is a Technical Protocol? (continued)

- These artefacts are sometimes split into separate documents for business to business (B2B) (e.g. Retailer to Distributor and vice versa) and Retailer or Distributor to Market Operator (or vice versa) for business to market operator (B2M)<sup>2</sup>.
- **Important tip** – If you are not familiar with the GIP, read Participant Build Pack (PBP) 2, Usage Guide. Click [here](#) to view. This document contains instruction on how to use the PBP and the relationship of the various artefacts contained in the pack.
- **Important note** – AEMO is the subject matter expert (SME) when it comes to B2M transactions, but it is Retailers and Distributor that are the SMEs when it comes to B2B

The current version of each jurisdiction's TPs can be found [here](#)

**Note 3** –business to market operator or (B2M) is the exchange of information between Retailer/Distributor to AEMO or vice versa

# Gas retail market background information

## What is an aseXML schema?

- aseXML is an acronym for “**A** Standard for **E**nergy Transactions in **eX**tensible **M**arkup **L**anguage.
- aseXML is a standard developed by Australian energy industries to facilitate the exchange of information between energy industry participants using XML.
- The aseXML Standards Working Group (ASWG) is responsible for the development and maintenance of the aseXML standard.
- A subset of complete aseXML schema is used in the Gas Retail Market
- For the Gas Retail Market only a single version of an aseXML schema is operative at any one time for a given jurisdiction.
- Unlike electricity there is no dual aseXML versioning concept. In gas the current aseXML schema version number is described in the GIP and SP for each of the jurisdiction.

Further information about the aseXML standards, such as guides, aseXML schema release can be found [here](#)

# Gas retail market background information

## What is a certification?

- AEMO operates and administers the process for a market participant to certify or recertify.
- This process confirms that AEMO and Participants can satisfactorily connect to and interoperate with the Full Retail Contestability (FRC) Business to Business system in accordance with the interface specifications and architectural standards defined in the GIP and SP.
- Successfully completing this process is a precondition for all new participants prior to being activated in the gas retail market.

## When is recertification necessary?

- Section 3.5 of the Gas FRC B2B Connectivity Testing and System Certification (VIC, QLD, SA and NSW/ACT) document contains information about re-certification.
- This section also contains a list of various types of changes AEMO and participants may make to their Gas Retail Market systems. AEMO recommends that if any of various types of changes in that list, corresponds to the changes your organisation intends to make, then your organisation should request re-certification.
- Ultimately it is up to each participant to ensure that their certification remains valid after any configuration changes, such as those mentioned in the list<sup>3</sup>.
- Further information about the certification / re-certification is described in the Gas FRC B2B Connectivity Testing and System Certification document which can be found [here](#)

# Gas retail market background information

## Previous aseXML schema uplifts?

This will be the sixth time an aseXML schema uplift has occurred since full retail contestability commenced in the mid 2000s. Previous ones have been:

- **November 2021:** Adoption of R40 schema. Primary change was replacing a manual Life Support (LS) process with the automated LS transaction that is used in electricity. LS changes required an uplift to a new version of the aseXML schema, whereby the GRCF pursued further changes, such as enhancing transactions used to share customer details. Western Australia also made the decision to also adopt these changes, except LS. All jurisdictions were impacted. .
- **May 2016:** R34 schema implemented as part of NSW/ACT Retail Gas Project. This impacted NSW/ACT only.
- **June 2012:** R16 to R29 schema changes to add National Energy Customer Framework (NECF) requirements. This impacted VIC, QLD, and SA.
- **July 2005:** R13 to R16 schema changes to add Network ID to gas standing data and non-DTS FRC Services. This impacted VIC, QLD, and SA.
- **November 2004:** R12 to R13 schema changes [Enumerations.XSD file will be updated on an ad hoc basis] and changes to network billing. This impacted VIC only

# Summary of the changes

Noura Elhawary (AEMO)

# IN002/22: Gas Scheduled Read Est Sub Codes and Special Read No Access Enumerations

The proponent for this change is AGL. The changes below apply to all jurisdictions except WA.

## Summary of change

- Introduction of several new codes/enumerations and modify existing codes/enumerations in relation to Scheduled Meter Read Substitution/Estimation codes and Special Read No Access enumerations.
- Move current enumerations ReasonForNoAccess into non-versioned GasEnumerations file.
- As a consequence of these changes, participants need to apply a new version of aseXML schema to enable these changes. See slide 19 for further details.

## Reference documentations

- The ASWG schema release notes provide details about these changes. Click [here](#) to view these notes.
- A list of the all the ReasonForNoAccess values are described in the GasEnumerations file. This file can be found [here](#).
- Tracked changed versions of the Technical Protocol (TP) can be found [here](#).
- The table in slide 21 identifies the Technical Protocols that have been updated for this change.
- Further details about these changes and the other changes pertaining to 2024 Package 1 Gas Retail B2B Changes can be found at AEMO's consultation page [here](#).

# IN004/22: Proposed Improvements to Network Tariff B2B Notification

The proponent for this change is Jemena Gas Networks (JGN). The changes below apply to all jurisdictions except WA. One aspect of the change only applies to NSW/ACT.

## Summary of change

- Move current enumerations DistributionTariff into non-versioned GasEnumerations file.
- Add two new codes/enumerations “Volume High” and “Volume Boundary” to the DistributionTariff enumeration.
- For NSW/ACT Retailers and Distributors that participate in the Network Section (NetworkID) owned Jemena Gas Networks (JGN) (NSW) Ltd, incorporate the new allowable Distribution Tariff ‘s being “Volume High” and “Volume Boundary” into gas retail market systems.
- As a consequence of these changes, participants need to apply a new version of aseXML schema to enable these changes. See slide 19 for further details.

## Reference documentations

- The ASWG schema release notes provide details about these changes. Click [here](#) to view these notes.
- A list of the all the DistributionTariff values are described in the GasEnumerations file. This file can be found [here](#).
- Tracked changed versions of the Technical Protocol can be found [here](#).
- The table in slide 21 identifies the Technical Protocols that have been updated for this change.
- Further details about this changes and the other changes pertaining to 2024 Package 1 Gas Retail B2B Changes can be found at AEMO’s consultation page [here](#).

# IN003/25 - Adoption of aseXML schema version r46 (East Coast)

The proponent for this change is AEMO. The changes below apply to all jurisdiction except WA.

## Summary of change

- AEMO and East Coast Gas Retail Market participant system adoption of aseXML version r46
- Participant B2B transactions to communicate only those fields, field lengths and enumerations specified throughout TPs
- For the avoidance of doubt, program of work requires East Coast Gas Market participants to adopt r46 aseXML schema, however, does not require participants to utilise nor implement r46 customer address field length changes, new fields nor new enumerations. Any future East Coast Gas Market adoption of r46 customer address field length changes, new fields or new enumerations will require a separate consultation to implement.

## Reference documentations

- The ASWG schema release notes provide details about these changes. Click [here](#) to view these notes.
- Schema manifest r41 to r45 can be found [here](#) . Schema manifest r45 to r46 can be found [here](#)
- Tracked changed versions of the TP can be found [here](#).
- The table in slide 21 identifies the TPs that have updated for this change.
- Further details about this changes and the other changes pertaining to 2024 Package 1 Gas Retail B2B Changes can be found at AEMO's consultation page [here](#).

# IN005/24: Inclusion of Contract (MDQ) in Gas RoLR Transaction Customer and Site Details from Failed Retail Business (FRB) to RoLR (T1010)

The proponent for this change is AGL. The changes below apply to all jurisdiction except WA.

## Summary of change

- Introduce new 'Contract MDQ' field in a T1010 RoLR csv file.
- For Retailers<sup>4</sup> modify internal processes so that the new 'Contract MDQ' field is included in Gas RoLR Transaction Customer and Site Details from Failed Retail Business (FRB) to RoLR transactions (T1010).

## Reference documentations

- Tracked changed versions of the TP can be found [here](#).
- The table in slide 21 identifies the TPs that have updated for this change.
- Further details about this changes and the other changes pertaining to 2024 Package 1 Gas Retail B2B Changes can be found at AEMO's consultation page [here](#).

# Procedure Impacts

Ref#	Technical Protocol	Initiative				Jurisdiction			
		IN004/22 (Net Tar)	IN002/22 (Sub/Est)	IN005/24 (RoLR)	IN003/25 (r46)	VIC	QLD	NSW/A CT	SA
1	Participant Build Pack 1 – Process Flow Table of transactions		✓			✓	✓	✓	✓
2	Participant Build Pack 1 - CSV Data Format Specifications		✓	✓		✓	✓	✓	
3	Participant Build Pack 2 – System Interface Definitions		✓			✓	✓	✓	
4	Participant Build Pack 3- B2B System Interface Definitions		✓			✓	✓	✓	
5	Gas Interface Protocol (Victoria)		✓	✓	✓	✓			
6	Gas Interface Protocol (Queensland)		✓	✓	✓		✓		
7	Participant Build Pack 5 - NSW-ACT	✓	✓					✓	
8	Gas Interface Protocol (NSW/ACT)	✓	✓	✓	✓			✓	
9	FRC B2B System Interface Definitions (SA/WA)		✓	✓					✓
10	Specification Pack Usage Guide (SA and WA)	✓	✓	✓	✓				✓
11	Participant Build Pack 6 – NSW-ACT	✓	✓						

# Residual Changes

Danny McGowan (AEMO)



## IN004/25 - Residual changes that relate to the bundle release program of work for 2024 Package 1. The are minor documentation changes (All except WA)

The proponent for this change is AEMO. The changes below apply to all jurisdictions except WA.

Current item that will be part of this consultation are:

- Update the SA/WA Interface Control Document (ICD) to reference the adoption of the aseXML version (r46) throughout the document that pertain to South Australian transactions.
- Typo on page 275 of PBP5 NSW-ACT. The aseXML element name for the new field is spelt incorrectly. It should be DistributionTariff.

This consultation will commence in Q1 2026

### Summary of change

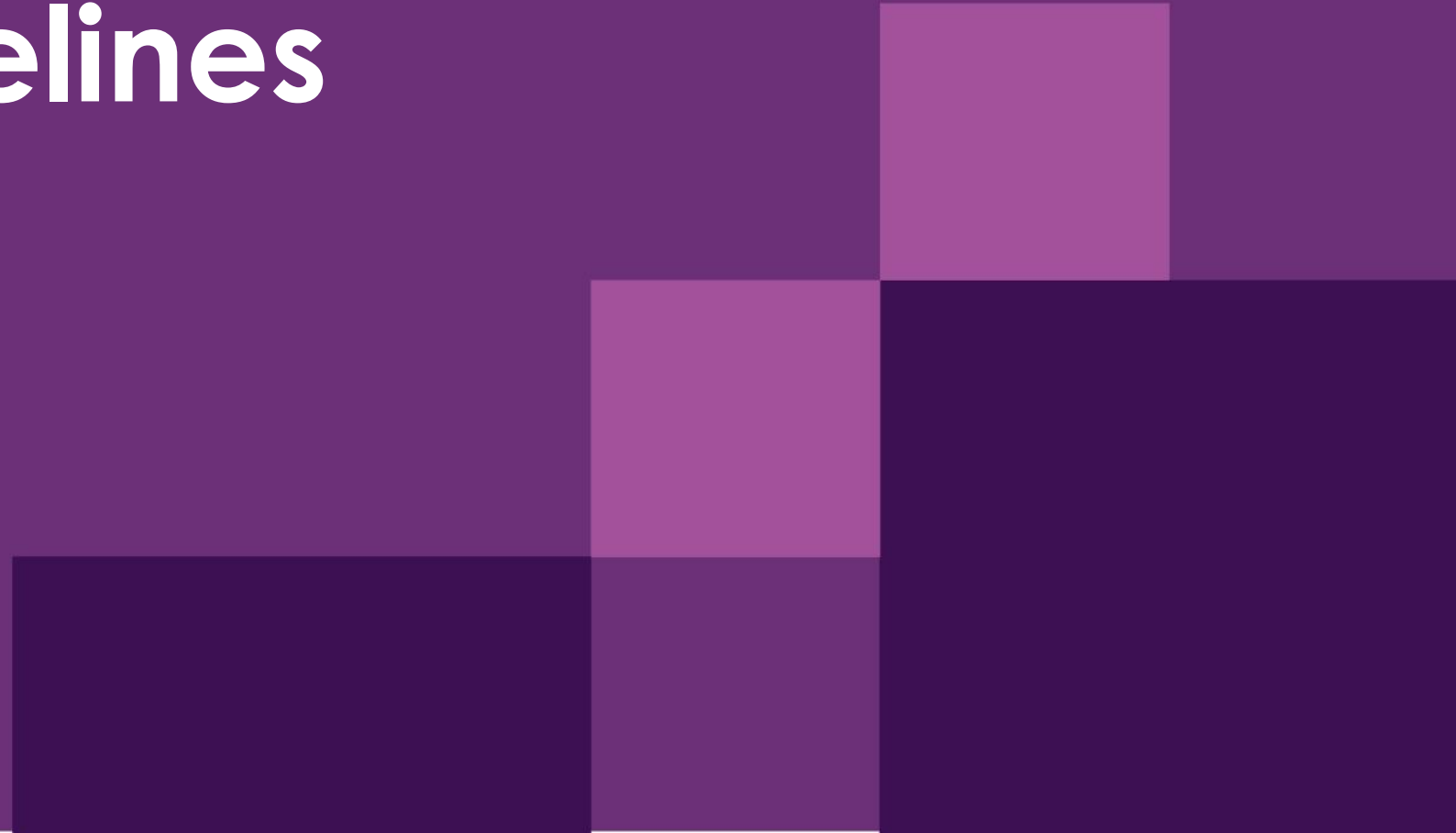
- TBA.

### Reference documentations

- TBA

# Project Timelines

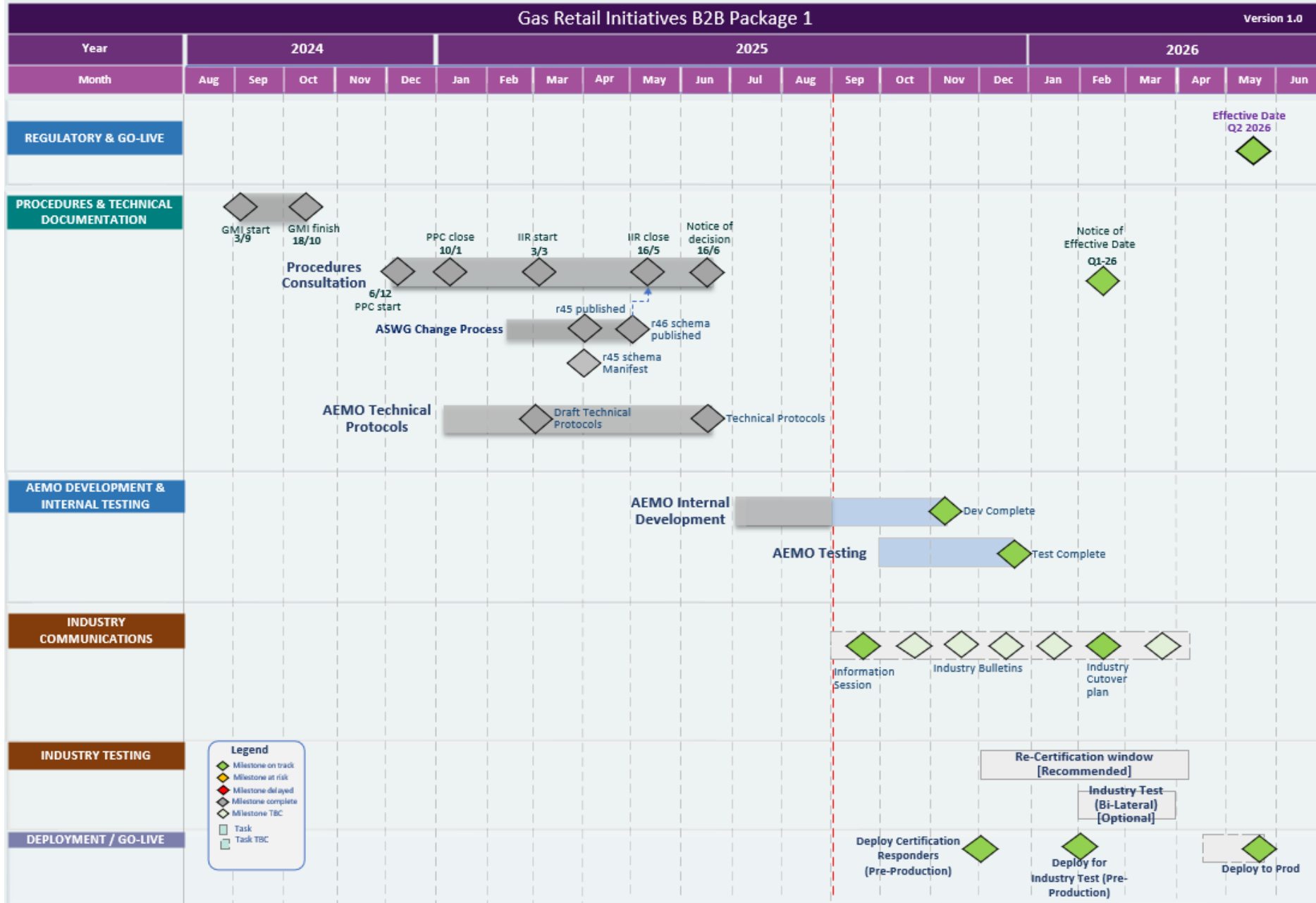
Paul Carpenter (AEMO)



# Project Milestones

Milestone	Target Date
AEMO Internal Development commence	14-Jul-2025
AEMO Internal Testing start	1-Nov-2025
AEMO Internal Development complete	15-Nov-2025
Industry Re-Certification (r46) commence	01-Dec-2025
AEMO Internal Development & Testing complete	15-Dec-2025
Industry Bilateral Testing commence [Optional]	1-Feb-2026
Cutover plan	Q1 26
Notice of Effective Date	Q1 26
Industry Bilateral Testing complete [Optional]	10-Apr-2026
Industry Re-Certification (r46) complete	10-Apr-2026
Industry Cutover weekend	May-2026
Rule Commencement	May-2026

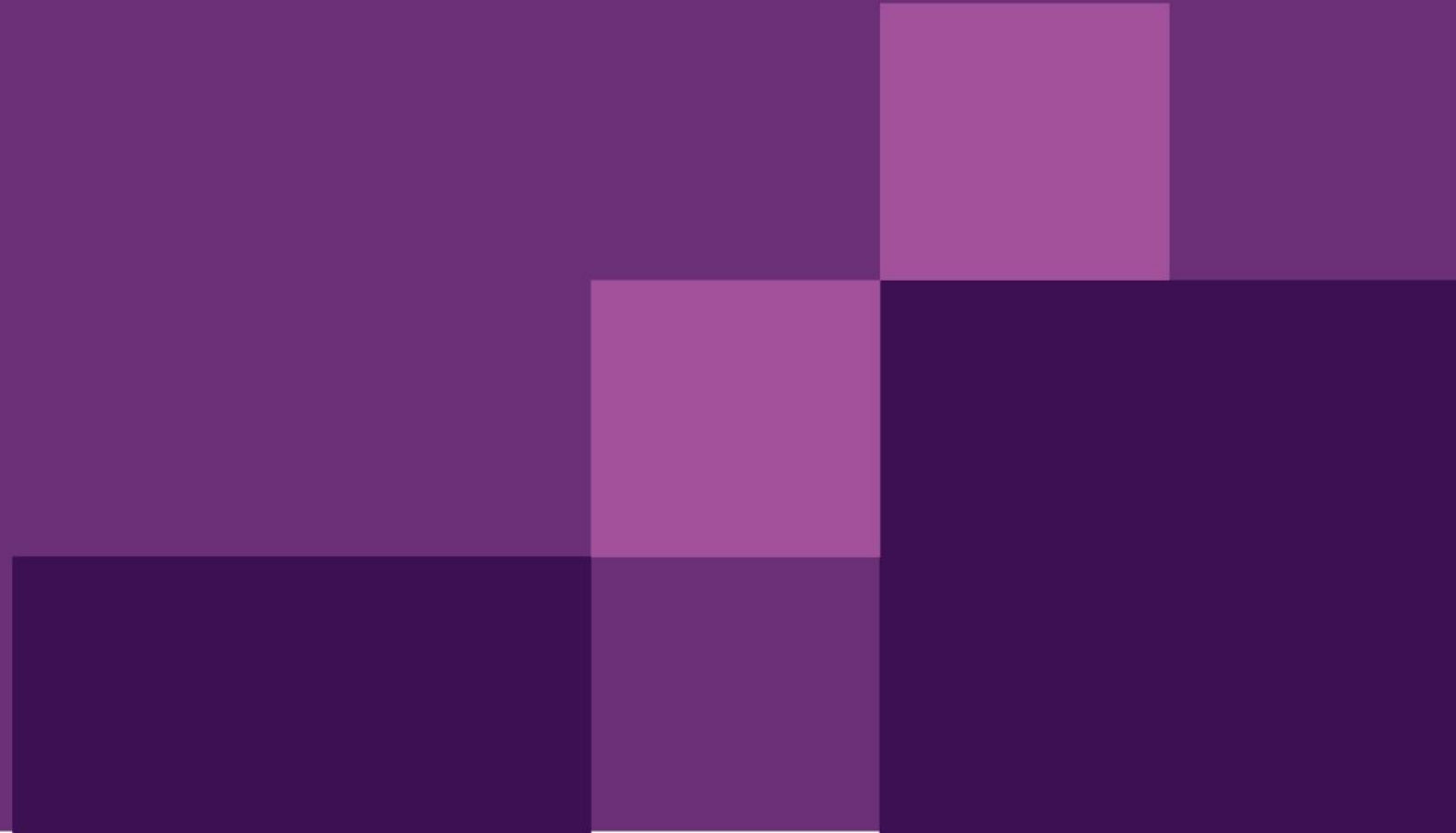
# Project Timeline





# Testing

Paul Carpenter (AEMO)



# Re-Certification window

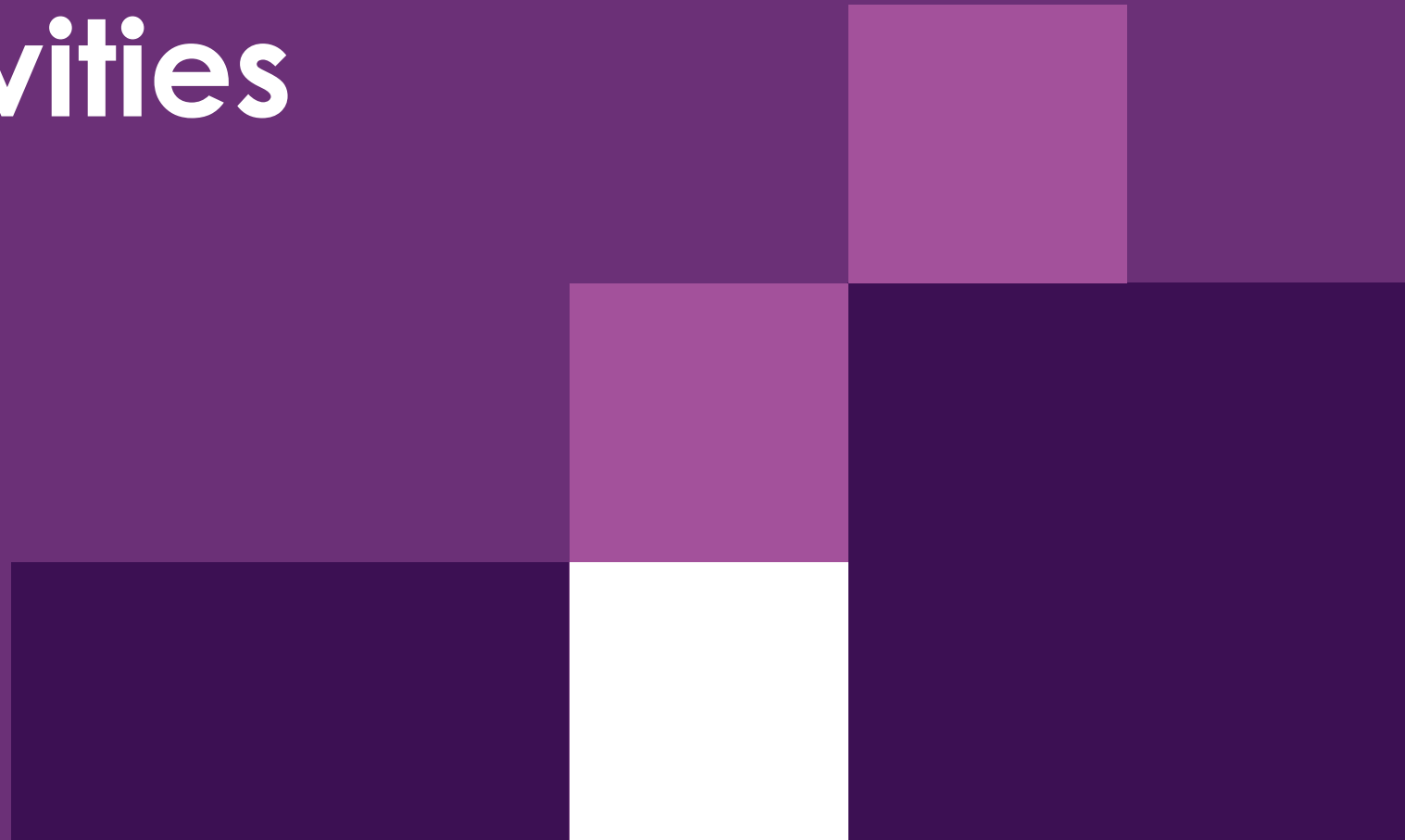
- For the r46 aseXML change, participants are recommended to re-certify
- A precondition to recertification is that AEMO and Participants will have implemented their back-office retail market system changes (eg new codes/enumerations etc) to their pre-production environment and successfully completed their own internal User Acceptance Testing (UAT).
- The certification window for r46 opens 1-Dec-2025 and closes 10-Apr-2026
- AEMO will not co-ordinate when participants undertake their individual recertification work and AEMO will not strictly monitor participants recertification status
- **Recommendation**: AEMO recommend that participants complete internal delivery before end of 2025 and aim to complete recertification in the period Feb-26 to Mar-26
- Recertification support from AEMO over the 2025 Christmas period to mid-Jan will be limited due to AEMO shutdown period and staff leave.

# Industry Testing Approach

- The scope of Industry Testing is;
  - Bi-lateral testing is optional, and participants can arrange this themselves by contacting the appropriate GRCF representative.
  - The window for Bi-lateral testing will be from 2-Feb-2026 to 10-April-2026.
  - A precondition for Bi-lateral testing is that AEMO and Participants have upgraded their pre-production systems per Technical Protocols / r46 aseXML
  - AEMO will not co-ordinate market or industry testing

# Cutover activities

Paul Carpenter (AEMO)



# Cutover approach

- Co-ordination between AEMO and Industry participants for major system changes such as this schema upgrade is critical for a successful outcome.
- Engagement with industry on the production cutover will commence in mid-Q1-26
- AEMO's current thinking is:
  - use the existing gas IT forum (Information Technology Development Forum (ITDF)) to help review AEMO's initial draft of the cutover activities.
  - The final draft of the cutover activities will be sent to the GRCF for final review and endorsement.
- Cutover activities will commence May-26 (weekend tba)

# Guiding principles (Draft)

- The approved cutover plan will provide industry guidelines that must be adhered to by all participants.
- The cutover approach will be to utilise the same cutover timetable and responsibilities as the Gas Life Support in Q4 2021.
- The cutover approach will be fix-on-fail / roll forward approach. Participants will commit to cutover to modified systems and processes and will avoid rollback by addressing problems as they arise.
- It is expected that all participants will have completed internal UAT, re-certification (recommended) and optional bi-lateral testing.
- All participants (and AEMO) will be responsible for developing their own release plan such that it is compatible with the overall Industry Implementation plan.
- Gas Retail Market systems (including FRC Hub) are not capable of running parallel schema versions (i.e. r40 and r46) and as such a phased cutover approach will be used. To validate the implementation of the r46 schema, a Production Verification Test (PVT) activity will be scheduled.
- Cutover plan communications will include Industry lead escalation contacts for each participant. AEMO will support Industry with key milestone readiness meetings throughout cutover.



# AEMO support

Paul Carpenter (AEMO)

# AEMO support

## Website

- AEMO has created a centralised webpage to house information about May 2026 gas retail system changes.
- Information like:
  - Technical Protocol changes (showing track changes)
  - Links to the consultations that underpin the TP changes
  - Links to aseXML schema information.
  - This presentation slide pack
  - Support contact information (see also slide 8).
- Click [AEMO | Major programs](#) here to view this page

## Monthly Bulletins

- Monthly bulletins commencing in October. Content includes
  - AEMO development work, Key milestone reminders, etc

## Resolving questions

- First point of contact should be your organisation's representative on the GRCF
- Check the web page
- Last resort send an email to our dedicated AEMO project team e-mail account - [GasRetailInitiatives@aemo.com.au](mailto:GasRetailInitiatives@aemo.com.au)

# Next Steps

Paul Carpenter (AEMO)

# Next Steps

- AEMO recommends that participants mobilise their IT system development teams now.
- If any of the content in the session and raised an questions or concerns, please raise them with your GRCF representative immediately.
- If there are questions or concerns that your organisation's GRCF representative is unable to resolve, please e-mail [gasretailinitiatives@aemo.com.au](mailto:gasretailinitiatives@aemo.com.au) by Friday 10th October.
- Any questions or concerns received under point 3 will be tabled at the next GRCF meeting



# Appendix

Paul Carpenter (AEMO)

# General Reference materials

#	Title	Description	Link
1	Package 1 Gas Retail B2B Changes	AEMO consultation web page.	<a href="#">AEMO   Package 1 Gas Retail B2B Changes</a>
2	AEMO Technical Protocols	Procedures have been established for each jurisdiction and provide the detail of the obligations of industry participants for the operation of jurisdictional gas retail markets.	<a href="#">AEMO   Market procedures</a>
3	Gas Systems Guides	Guides and information about aspects of AEMO's gas market systems, including user access information, APIs, Data Interchange, Gas Data Model and the FRC Hub.	<a href="#">AEMO   Gas systems guides</a>
4	Gas FRC B2B Connectivity Testing and System Certification (VIC, QLD, SA and NSW/ACT)	Confirms that AEMO and Participants can satisfactorily connect to and interoperate with the Full Retail Contestability (FRC) Business to Business system	<a href="#">AEMO   System Certification</a>
5	Gas FRC certification checklists	Checklist for certification requests	<a href="#">AEMO   Gas systems guides</a>



For more information visit  
[demo.com.au](https://demo.com.au)