

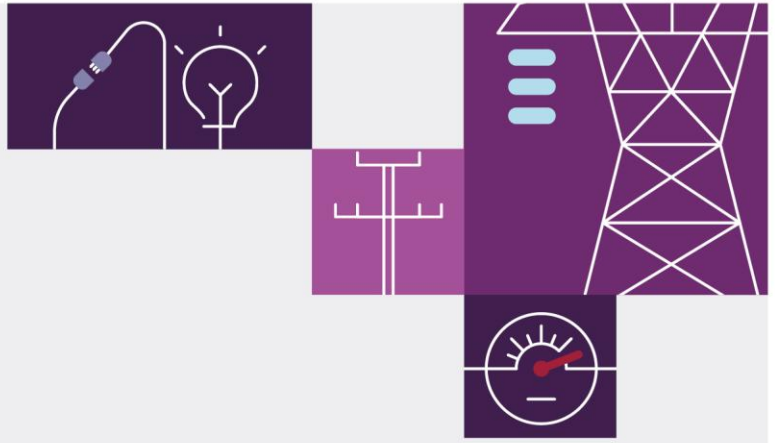
Real-time Data for Consumers

March 2026

High Level Implementation
Assessment (HLIA)

Final





AEMO acknowledges the Traditional Owners of country throughout Australia and recognises their continuing connection to land, waters and culture. We pay respect to Elders past and present.

Important notice

Purpose

AEMO and the Information Exchange Committee (IEC) have prepared this document to provide information about the implementation approach for supporting the Real-time data for consumers Final Rule and determination.

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Version control

Version	Release date	Changes
0.1	October 2025	Initial Draft
1.0	March 2026	Final



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Definitions

Definition	Description
BUT	Blind Update Tool
IDAM	Identity and Access Management
IDX	Industry Data Exchange
MITE	Market Interface Technology Enhancements
RTD	<i>real-time data</i> . Measurements of voltage (in volts), current (in amperes) and phase angle made available by one or more measurement elements in a small customer metering installation at a resolution of no less than once per second in accordance with the requirements of the <i>real-time data procedures</i> .
RTDAR	<i>real-time data authorised recipient</i> . Has the meaning given to ‘real-time data authorised recipient’ in the NERR.

1 Introduction

1.1 Real-time data for consumers – Rule Change

On 18 December 2025, the Australian Energy Market Commission (AEMC) published a Final rule and determination implementing a framework to enable access to RTD from smart meters.

The AEMC's Final Rule determination is from 30 November 2028:

- The meter minimum services specification will be changed, so all new meters installed from 30 November 2028 will be able to communicate real-time data wirelessly.
- All customers and their appointed representatives can request access to real-time data from smart meters:
 - customers can request access directly from their retailer;
 - customers' appointed representatives can also request access from the customer's retailer after first obtaining the customer's consent and, if they are not registered participants, becoming accredited by AEMO;
 - consistent with current practice, expectation that most access requests will be facilitated by customer-appointed representatives seeking to access real-time data to enable a customer service offering, such as a CER installation;
 - customers with these new meters will have access to real-time data free of charge;
 - customers who want access but do not have these meters can pay a reasonable charge to either replace or retrofit the existing meter, or another lower cost solution if available;
 - Metering Coordinators (MCs) will be required to facilitate access to real-time data according to AEMO's real-time data procedures. AEMO must publish real-time data procedures by 30 November 2026 that further specify relevant standards, protocols and technical requirements to communicate real-time data; and
 - MCs will be required to implement appropriate protections to protect data from unauthorised access.

[AEMC Real-time data for consumers – Rule Change](#)

1.2 Document background and purpose

The purpose of this document is to provide a view to participants on how the Rule change may be implemented by AEMO and the IEC. This is intended to assist and inform participants in developing their own implementation timelines and impact assessments.

This document provides an indicative and preliminary overview of:

- Likely impacted AEMO Procedures and IEC Procedures.
- High level system and data exchange impacts.

- Indicative timelines showing potential consultation periods, industry testing, market trial and go-live timings.

1.3 HLIA Consultation process and key dates

Timetable for the Rule change and points of stakeholder consultation.

Stage	Timeline
AEMC Draft Rule Determination	11 September 2025
AEMO and the IEC publish HLIA v0.1	16 October 2025
AEMO draft HLIA Webinar	17 October 2025
AEMC Draft Rule Determination submissions close	23 October 2025
Participant feedback to AEMO and the IEC on the draft HLIA	31 October 2025
AEMC Final Rule and Determination	18 December 2025
AEMO publish final HLIA (incl. IEC approved B2B content)	Early 2026

2 Market Design Overview

2.1 Summary

The following section provides a market design overview of the reform which will impact AEMO's and the IEC's Procedures and systems.

2.1.1 Real-time data procedures

- AEMO must develop and publish initial "Real-time Data Procedures" in accordance with the Rule consultation procedures, by 30 November 2026 (NER 7.16.6E).
- These will define:
 - o Data definitions and scope (what constitutes real-time data);
 - o Technical standards (frequency, security, encryption);
 - o Roles and responsibilities across MCs, MPs, Retailers, and Real-Time Data Authorised Recipients;
 - o Consent, enablement, disablement, error handling; and
 - o Logging, auditability, and performance monitoring.
- Participants must align systems and processes to these specifications.
- **Key challenge:**
 - o Complex requirements require coordinated consultation and system development.

2.1.2 RTDAR Accreditation guidelines

- AEMO must publish accreditation guidelines by 1 May 2027 for RTDARs i.e. real-time data authorised recipients appointed by customers to access RTD, subject to consent.
- These will define:
 - o Eligibility criteria, competency and capability requirements;
 - o Application, assessment, approval, suspension, and revocation processes; and
 - o Ongoing compliance, reporting, and audit obligations.
-

2.1.3 New accredited role – Real-Time Data Authorised Recipient

- Defined in NERR 59D, accredited under NER 7.4.5. The RTDAR role is currently scoped narrowly to RTD access only.
- Parties seeking accreditation will need to apply to AEMO following the publication of the material outlined in Section 2.1.2.



2.1.4 Retailer / MC facilitation

- Retailers and MCs must facilitate customer access to RTD (NERR 59D - 59E; NER 7.3.2, 7.15.7).
- The minimum services specification in NER S7.5 requires that *small customer metering installations* installed following the Rule commencement date (30 November 2028) must support RTD.
- Retailers and MC's must facilitate responses to ombudsman queries as outlined in 7.3.2(o), (p) and (q).
- The IEC will need to consider whether changes are required to assist in facilitating these matters within the scope of the B2B Procedures.

3 Summary of key impacts

This section provides an assessment of the key impacts to AEMO's systems and processes for this rule change.

Focus Area	Impact Description
AEMC Final Determination Dates	<ul style="list-style-type: none"> AEMO has developed a schedule for the publication of Procedures, Guidelines and associated market system changes, which it considers necessary to achieve the objectives of the Final Rule as follows: <ul style="list-style-type: none"> AEMO Package 1: <ul style="list-style-type: none"> AEMO Real-Time Data Procedure and associated RTD updates to existing AEMO Procedures. MSATS system changes (timing aligned with scheduled AEMO system release). AEMO Package 2: <ul style="list-style-type: none"> AEMO RTDAR Accreditation Guideline.
IEC B2B Procedure consideration	<ul style="list-style-type: none"> The IEC is still considering its schedule for the publication of Procedures, Guides and associated market system changes, which it considers necessary to efficiently achieve the objectives of the Final Rule.
Changes span the NERR and NER	<ul style="list-style-type: none"> AEMO notes that this reform spans the NER and NERR, and cross referencing is necessary to understand the requirements of the Final Rule.
Ombudsman Enquiries	<ul style="list-style-type: none"> AEMO notes that this reform includes handling of Ombudsman RTD enquiries which will be reflected within AEMO Procedures.
MSATS and visibility of Real Time Data <i>metering installation</i> capabilities	<ul style="list-style-type: none"> AEMO procedure consultation will need to consider: <ul style="list-style-type: none"> how MSATS may assist in identifying the RTD capability and enablement at a <i>small customer metering installation</i>. how parties accessing real time data will be communicated.
New Real Time Data Authorised Recipients	<ul style="list-style-type: none"> AEMO considers that a new list of RTDARs will be required, reflecting those lists that currently exist for roles subject to AEMO accreditation (e.g. MDPs, ENMs). No provisions have been made to enable RTDARs to have access to data beyond RTD – i.e. RTDARs will not have access to Power Quality Data, NMI Standing data and Metering data. Therefore, as the RTDAR role is a recipient of RTD local to the premises only, AEMO does not propose to create a new role in MSATS for the one or more RTDARs that could be active at a connection point, or for MSATS to be the system which confirms RTDAR status at a NMI (e.g. active or inactive).
Meter Types required to be capable of, and needing to facilitate access to RTD.	<ul style="list-style-type: none"> The final rule has clarified that: <ul style="list-style-type: none"> <i>Small customer metering installations</i> are required to be capable of providing RTD following the rule commencement date (30 November 2028). This includes <i>small customer metering installations</i> identified in MSATS with



Focus Area	Impact Description
	<p data-bbox="603 342 1445 421">MeterInstallationTypeCode (MITC) of 'COMMS4C', 'COMMS4D' and 'MRAM' (Type 4a).</p> <ul data-bbox="555 432 1445 683" style="list-style-type: none"><li data-bbox="555 432 1445 510">• Type 4a Metering Installations are not required to facilitate access to RTD (though must be capable of providing RTD).<li data-bbox="555 521 1445 600">• Type 8 and 9 metering installations are not required to facilitate access to RTD.<li data-bbox="555 611 1445 683">• Metering installations within embedded networks and the jurisdiction of Victoria are not required to facilitate access to RTD.

4 AEMO and IEC Procedure Impacts Review

The following provides initial assessment of Procedures and Documents impacted.

This section is based on the AEMC’s Final Rule and Determination.

4.1 AEMO Procedures (and other impacted AEMO artefacts)

Procedure Name	Potential Impact
Real-Time Data Procedure (New)	<ul style="list-style-type: none"> AEMO must develop and publish initial “Real-time Data Procedures” in accordance with the Rule consultation procedures, by 30 November 2026 (NER 7.16.6E). These will define service levels, security and encryption standards, roles, and responsibilities (MCs, MPs, retailers, accredited recipients), error handling, consent flows, audit trails and monitoring. Participants must align systems and processes to these specifications.
Real-Time Data Authorised Recipient Accreditation (RTDAR) Guidelines (New)	<ul style="list-style-type: none"> AEMO must publish accreditation guidelines by 1 May 2027 for RTDARs i.e. real-time data authorised recipients appointed by customers to access RTD, subject to consent. These will need to include criteria, application processes, compliance obligations, revocation, monitoring and enforcement. Systems will be required for accreditation tracking, role-based access management, and reporting.
Accredited Real Time Data authorised recipients (New)	<ul style="list-style-type: none"> Similar to lists of accredited MDPs, MPBs and ENMs published on AEMO website, AEMO to create a list of Accredited RTDARs
Retail Electricity Market Glossary & Framework	<ul style="list-style-type: none"> Insert reference to new Real-Time Data Procedure. Insert reference to Real-Time Data Authorised Recipient Accreditation (RTDAR) Guideline. Modify Accreditation Checklist (MP, MDP and ENM) to reference RTDAR. Modify Qualification Procedure (MP, MDP, ENM) to include reference to RTDAR. Modify Application Form (MP, MDP, ENM) to include reference to RTDAR. Modify Default and Deregistration Procedure to include reference to RTDAR. Insert reference to new list of Accredited Real-Time Data authorised recipients. Creation of RTD terms .
MSATS Procedures - Principles and	<ul style="list-style-type: none"> Insert reference to new Real-Time Data Procedure. Consider reference to:

Procedure Name	Potential Impact
Obligations for all Connection Points	<ul style="list-style-type: none"> ○ how MSATS will identify the RTD capability and enablement at a <i>small customer metering installation</i>. ○ how parties accessing real time data will be identified.
Standing Data for MSATS	<ul style="list-style-type: none"> ● Insert reference to new Real-Time Data Procedure. ● Consider reference to: <ul style="list-style-type: none"> ○ how MSATS will identify the RTD capability and enablement at a <i>small customer metering installation</i>. ○ how parties accessing real time data will be identified.
Guide to the Role of Metering Coordinator	<ul style="list-style-type: none"> ● Insert reference to new Real-Time Data Procedure. ● Insert reference to MC obligations to assist Retailers to resolve metering related RTD ombudsman queries - NER 7.3.2(p). ● Insert reference to MC obligations to provide access to RTD to small customers and Real-Time data authorised recipients – NER 7.15.7.
Service Level Procedure - Metering Provider	<ul style="list-style-type: none"> ● Insert reference to new Real-Time Data Procedure.
Service Level Procedure - Metering Data Provider	<ul style="list-style-type: none"> ● Insert reference to new Real-Time Data Procedure.
Qualification Procedure (MP, MDP and ENM)	<ul style="list-style-type: none"> ● Create new section related to accreditation of RTDARs. ● Rename document to Qualification Procedure (MP, MDP, ENM and RTDAR).
Accreditation Checklist (MP, MDP and ENM)	<ul style="list-style-type: none"> ● Create new section related to accreditation of RTDARs. ● Rename document to Accreditation Checklist (MP, MDP, ENM and RTDAR).
Application Form (MP, MDP and ENM)	<ul style="list-style-type: none"> ● Create new section related to accreditation of RTDARs. ● Rename document to Application Form (MP, MDP, ENM and RTDAR).
Audit Metering Coordinator Auditing Questions Template	<ul style="list-style-type: none"> ● Include MC obligations referenced in New Real-Time Data Procedure. ● Include MC obligations relating to access to and security controls for RTD. ● Include MC obligations referring to resolution of metering related RTD ombudsman enquiries.
Default and Deregistration Procedure	<ul style="list-style-type: none"> ● Update to include provisions related to RTDAR.
Section 1.3 Related Document across all AEMO artefacts	<ul style="list-style-type: none"> ● Modify Section 1.3 across all AEMO artefacts impacted by RTD Reform including document name changes. e.g. Application Form (MP, MDP, ENM and RTDAR).



AEMO has not identified impacts to the following AEMO Procedures, Guidelines and related materials:

- Hints and Tips: CATS and NMI Discovery
- MSATS Procedures – MDM Procedure
- Service Level Procedure – Embedded Network Manager Service
- Metering Data Provision Procedures
- Exemption Procedure Metering Installation Malfunctions
- Metering Exemption Small Customer Metering Installation
- Metering Installation Exemption Guideline
- Exemption Procedure - Data Storage Requirements
- Metering installation data storage requirements Application for Exemption form
- Metering Data Delivery Calendar
- MDM File Format and Load Process
- MDFF Specification NEM12 NEM13
- Meter Data Validation Matrix
- NMI Standing Data Schedule
- MSATS National Metering Identifier Procedure
- National Metering Allocation List
- NEM RoLR Processes Part A and Part B
- List of Special and Technology Related Sites
- Cross Boundary Supply Guideline
- AEMO Cross Boundary Connection Point Check List
- SAPS Participant Fact Sheets
- AEMO SAPS Connection Point Check List
- Metrology Procedures Part A, B and Part C
- NEM Load Tables for Unmetered Loads
- Unmetered Load Guideline
- Guideline for Clarification of the National Measurement Act
- Guide to Embedded Networks
- Allocation of Embedded Network Codes
- Audit Guideline Metering Coordinator Auditing
- Alternate Testing and Inspection Guidelines for Metering Installations in the NEM.

4.2 IEC Procedures

To enable the efficient implementation of the RTD Rules, the IEC and the B2B-WG anticipates material changes to several IEC Procedures. Determination of the specific changes is dependent on the confirmation of Industry requirements.

Procedure Name	Potential Impact
Various	<ul style="list-style-type: none"> • Key areas requiring confirmation of Industry requirements include: <ul style="list-style-type: none"> ○ How Retailers and Metering Coordinators will provide each other the information necessary to facilitate real-time data access. ○ How the provision and verification of RTD access requests will be conducted. ○ How parties will enable, disable, reset and administer access to RTD. ○ How customers or accredited agents will enquire about the failure of a security key or data access. ○ How faults and investigations will be managed relating to the failure of RTD delivery. ○ How parties will communicate the resolution of 'exceptional circumstances', enabling the facilitation of access to real-time data within 15 business days of resolution. ○ How security keys will be provided. ○ How accessing parties will be identified, for the purposes of enabling or disabling access.

5 AEMO System and Schema Impacts

5.1 AEMO Systems Impacts

AEMO System	Summary
<p>MSATS CATS</p>	<ul style="list-style-type: none"> • System impacts will be determined once Industry requirements are confirmed. • Consider introduction of mechanism to: <ul style="list-style-type: none"> ○ Identify RTD capability, RTD enablement and parties with RTD access at a <i>small customer metering installation</i>. ○ Allow participants to update and maintain RTD related data including master data update mechanisms such as: <ul style="list-style-type: none"> ▪ Blind Update Tool (BUT) ▪ MSATS CRs. ○ Identify parties accessing real time data. • Potential for changes to the CATS Standing Data model to support a one-to-many relationship between a <i>small customer metering installations</i> and RTD access. • Consider CR process updates, for example: <ul style="list-style-type: none"> ○ Introduction of new 5XX0 and 5XX1 CR types for MP-initiated updates. ○ Continued use of existing 5100 and 5101 CRs for AEMO-initiated updates. • Consider making RTD attribute values available to entitled participant roles, for example: <ul style="list-style-type: none"> ○ MSATS NMI Discovery ○ MSATS Reports: C1, C4, C7 ○ MSATS Snapshot Report ○ MSATS Browser. • Evaluate requirements to support B2M data payload requirements and schema versioning.
<p>B2B Integrations</p>	<ul style="list-style-type: none"> • System impacts will be determined once Industry requirements are confirmed. • IEC to consider introduction of new/amended transactions and notifications to support: <ul style="list-style-type: none"> ○ The provision and administration of RTD access requests. ○ The provision of administration of RTD meters. ○ Investigations relating to the failure of RTD delivery. • Evaluate requirements to support NEM B2B data payload requirements, schema versioning and interoperability
<p>AEMO Provided Software</p>	<ul style="list-style-type: none"> • Participant Batcher – Updates required here new B2M schema versions are introduced. • B2B Validation Module – Updates required here new B2B schema versions are introduced. • AEMO Gateway Software – Where IDX transition aligns with the RTD rule effective date, new transforms may be supported between aseXML to IDX schemas for B2B and B2M.

AEMO System	Summary
IDX interface	<ul style="list-style-type: none"> • AEMO assumes RTDAR parties will not require an IDX provisioned data exchange framework to interact with Registered Participants. • During the implementation of this initiative, the MITE Project may deploy new interfaces to facilitate exchange of NEM Retail B2B and B2M business functions through the IDX Platform. • AEMO will provide new protocols, patterns, schemas, channels, Gateway software, and IDX Web Application to support this exchange, alongside existing “as-is” methods during the IDX sunset period.
Capacity	<ul style="list-style-type: none"> • Capacity uplifts may be required to manage additional data volumes. • Detailed capacity impacts will be assessed once detailed requirements and volumetrics are available.

5.2 Schema Impacts

Schema	Impact
B2M	<ul style="list-style-type: none"> • aseXML – Likely changes to add new RTD schema elements against NMI master data. • IDX Schema – Possible changes to add new RTD schema elements against NMI master data for IDX schemas.
B2B	<ul style="list-style-type: none"> • aseXML - Likely changes to reflect RTD-related B2B integration updates. • IDX Schema – Possible changes to IDX schemas to reflect required B2B integration changes.

6 Implementation Pathway

6.1 Implementation Approach

This section outlines AEMO’s proposed high-level implementation pathway. It provides an indicative view of the sequencing and timing of key activities required to update market systems and procedures to support industry readiness. This approach reflects a single delivery release as per the AEMC’s Final Determination.

It is noted that participants may have additional activities, dependencies, and internal programs that affect their own implementation planning. Those matters are outside the scope of this HLIA.

6.2 Implementation Pathway

AEMO Package 1 – Real-Time Data Procedures and B2M Development

- Final publication date: 30 November 2026.
- Scope: Real-Time Data Procedures, consequential changes to AEMO’s Retail Market Procedures (details outlined in this paper), and associated B2M system changes.
- Follow-up activity: System development and testing to support functional deployment in the May 2028 system release.

AEMO Package 2 – Accreditation Guidelines

- Consultation commencement: Following publication of Package 1.
- Target final publication date: 1 May 2027.
- Scope: Accreditation framework and guidelines to support authorisation of third parties accessing RTD.

This sequencing provides adequate time for consultation and design, aligns with established system release cycles, and supports a coordinated industry transition.

IEC Procedures

- The IEC have indicated a preference to consult on potential B2B Procedure changes following the completion of AEMO’s Package 1 procedure publication (noting that IEC obligations are not specified in the Final Rule).
- System alignment: Implementation to occur following AEMO’s B2M development, targeting a November 2028 release.

6.3 Key Implementation Considerations

Final Rule Commencement Milestones

Milestone	Timeline
AEMO must publish the initial Real-Time Data Procedures in accordance with the Rules consultation procedures.	No later than 30 November 2026
AEMO must publish the Accreditation guidelines required under new clause 7.4.5(b).	No later than 1 May 2027
Any person may apply to AEMO for accreditation as a RTDAR	From 2 May 2027.
Enable all consumers to request access to RTD from the smart meter	30 November 2028

AEMO Procedure Consultation Milestones

Milestone	AEMO Package 1 Timeline	AEMO Package 2 Timeline
Pre consultation	From 28 January 2026	From 28 January 2026
Initial Notice	May 2026	December 2026
Final Determination	By 30 November 2026	By 1 May 2027

IEC Procedure Consultation Milestones (IEC)

Milestone	Timeline
Initial Notice	As soon as practicable after the Package 1 AEMO Final Determination is published
Final Determination	Dependent on the timing of the Initial Notice

6.3.1 Industry Testing

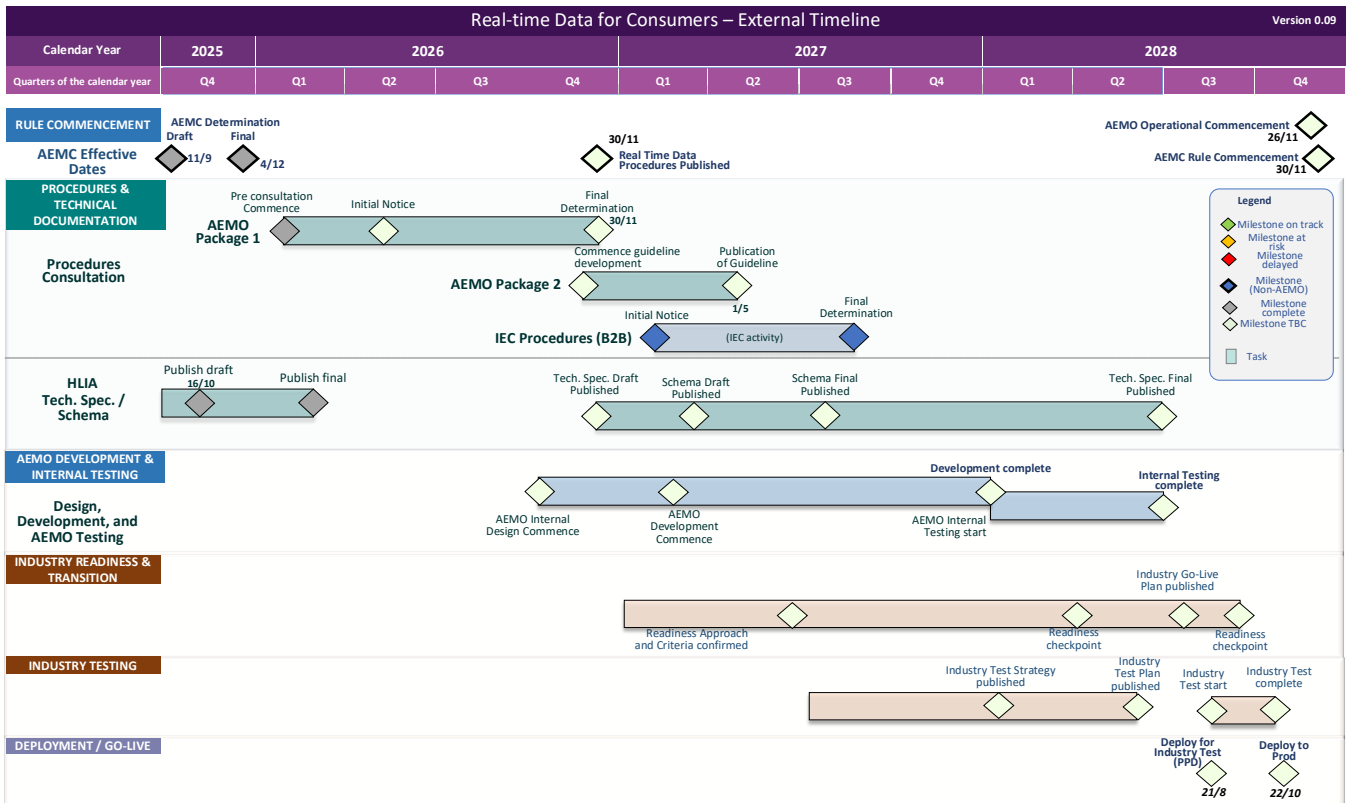
Subject to industry feedback, AEMO believes that there may be value in enabling a longer testing window than usual to address the broader end-to-end process challenges associated with this reform. This would enable participants to multilaterally test these processes. AEMO would not manage or coordinate this testing but the timeline would facilitate this testing to occur.

Industry Testing Milestones

Scope	Dates for End-to-End Processes
Industry Test Strategy published	December/January 2028
Industry Test Plan published	June 2028

Scope	Dates for End-to-End Processes
Industry Testing commence	Late August 2028
Industry Testing complete	Late October 2028

6.3.2 Indicative Implementation Milestones



6.3.3 Relationships to other initiatives

Regarding other initiative specific relationships AEMO and the IEC considered:

- MITE project initiatives:
 - The RTD Rule is complementary but not contingent on the MITE project’s IDX or IDAM deliverables.
 - IDX: The IDX Transition will migrate existing B2M and B2B business functions (e.g. CATS, NMID, SORD, OWN) onto the new IDX platform. While the RTD Rule does not introduce new business functions that depend on IDX, where the IDX Transition for NEM B2M and B2B aligns with the RTD rule effective date, the RTD data exchange requirements would be incorporated into the IDX schemas in addition to the existing aseXML schema.
 - IDAM: The RTD Rule has no dependency on AEMO’s IDAM initiative. As a design principle, RTDAR parties will not leverage AEMO’s IDAM capabilities for authentication or authorisation.

For a ‘macro’ view of the NEM Reform Implementation Roadmap please refer to:

- <https://aemo.com.au/en/initiatives/major-programs/nem-reform-implementation-roadmap>

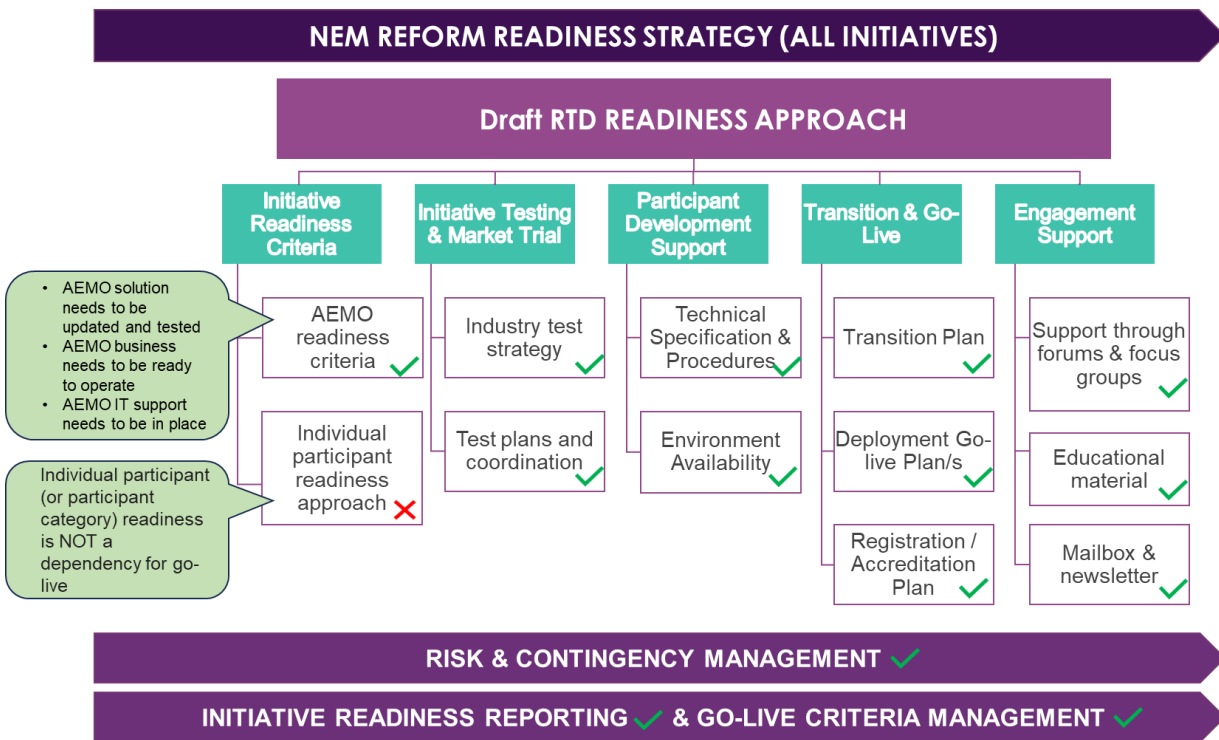
6.3.4 Risks and Issues

Initial Assessment of the risks

Risk ID	Identified Risk	Current Rating	Mitigation strategies	Residual Rating after mitigation
R_0001	The implementation of AEMO change program is reprioritised or congested impacting the ability for AEMO and participants to comply with the rule timing.	High	AEMO’s coordinated regulatory roadmap planning and active engagement with market participants and interested parties.	Low
R_0002	There is an anomaly or gap identified in the NER and NERR Final rule that impacts AEMO Procedure and Guideline development or implementation timing	Medium	AEMO or other interested parties to identify workarounds or rule change ahead of rule implementation	Low

6.4 Draft Industry Readiness Approach

This section shows AEMO’s early view of the RTD readiness approach. The following figure provides the indicative view of the RTD readiness approach, consistent with the NEM reform readiness strategy and the following table provides commentary on each of the readiness elements.





Draft RTD industry readiness approach

READINESS AREA		INITIAL VIEW OF INDUSTRY READINESS APPROACH
Initiative readiness criteria	Individual participant readiness approach	Individual Participant readiness is not considered a dependency for rule commencement. However, rule commencement may require individual participants to make changes to continue to comply with their NER and Procedural obligation. Readiness criteria will be prepared and agreed for both releases supporting the RTD initiative.
	AEMO readiness criteria	By the rule commencement date, AEMO’s: <ul style="list-style-type: none"> • Solution needs to be updated and tested to support updated AEMO and IEC procedures • Business needs to be ready to operate. • IT support needs to be in place.
Initiative testing and market trial	Market Trial strategy	<ul style="list-style-type: none"> • Scoping and planning will occur in collaboration with industry. • Market Trial approach along with detailed timings will be confirmed with the issue of the Test Strategy. • Testing is expected to require co-ordinated AEMO and Participant activities to be confirmed during the industry test Strategy. • AEMO has indicated an indicative 2-month period to conduct the market trial prior to RTD commencement date running from mid Sept to Mid Nov 2028. Final dates and timings to be established in conjunction with detailed implementation planning. The expectation is that this Industry test period will also support further initiatives (TBD) in line with a consolidated release for November 2028 implementations
	Test plans and coordination	<ul style="list-style-type: none"> • AEMO will provide a test plan outlining the proposed Test Scenarios and schedule. • Participant test plans are to be developed independently by impacted participants appropriate to own requirements. • Industry Test Working Group (ITWG) Q&A sessions available for updates on testing progress and for additional support. Sign up here.
Participant development support	Procedures	<ul style="list-style-type: none"> • Procedure consultations are required for both AEMO (B2M) retail procedures and IEC (B2B) procedures as per section 4.
	Technical specifications	<ul style="list-style-type: none"> • Technical Specifications and schema updates will be developed to support participant scoping, and delivery in line with each scheduled release. • Implementation approach is to provide initial versions of specification and schema as early as practical in the Implementation timeframe to support Participant delivery assessment. • Updates to specification will be provided under change management in line with an agreed schedule. • Final published versions of Schemas will be tracked directly as industry milestones.
	Environment availability	<ul style="list-style-type: none"> • AEMO’s Preproduction environment will be available to support industry testing. • No additional development support environment has been deemed necessary for early testing.

READINESS AREA		INITIAL VIEW OF INDUSTRY READINESS APPROACH
	IT development support	<ul style="list-style-type: none"> As required, AEMO will provide industry support via NEM Reform forums, information sessions, focus groups and regular stand-ups for affected participants. These engagements will be scheduled as the IT design and approach is formalised to support participants development.
Transition and go-live	Transition plans	<ul style="list-style-type: none"> Currently no requirement for a formalised industry Transition plan has been identified for this initiative.
	Go-live plan	<ul style="list-style-type: none"> Go-live plan for the production release covering key cutover timeframes, communications and participant co-ordinated activity (where required) will be needed for: <ul style="list-style-type: none"> Schema releases. Alignment of participant and AEMO system deployments. Post go-live support.
	Registration or accreditation plans	<ul style="list-style-type: none"> Guidelines for Accreditation requirements are included in the scope of the procedures consultation.
Risk & contingency management		<ul style="list-style-type: none"> Will be developed in consultation with industry.

7 Market Systems Impact Assessment

AEMO and the IEC recognises the significant system and process changes needed by participants to meet the obligations of the Rule, including developing interfaces for B2M and B2B data exchanges with the Market (B2M) and other participants (B2B). This section focuses solely on the latter and does not address the updates participants must make within their systems to support their business processes. Given the diverse levels of system maturity and automation across participants, AEMO and the IEC cannot predict the exact scale or nature of these impacts for each participant. However, AEMO and the IEC can highlight common areas likely to be involved in most participants’ impact analyses to achieve the Rule outcomes.

7.1 NMI Data and Change Request Process

Focus Area	Impact Description
NMI data and Change Request Process	<ul style="list-style-type: none"> Potential introduction of mechanisms to: <ul style="list-style-type: none"> Identify RTD capability and RTD enablement at a <i>small customer metering installation</i>. Identify parties accessing real time data. Extension of the CR process to support management of any new RTD attributes.

Participant Impacts

- Participants would need to maintain new RTD data fields through MSATS.
- Participants would need to adjust their B2M market systems to recognise RTD attributes in MSATS responses and reports.
- Minor updates expected to CR handling.



- Potential for changes to the CATS Master Data standing data model depending on Industries requirements.

7.2 Retail B2B Processes

Focus Area	Impact Description
Retail B2B Processes	<ul style="list-style-type: none"> • Possible updates to B2B Service Orders and Notifications. • Possible new Service Order SubType.

Participant Impacts

- Participants will need to update B2B integration logic and B2B market systems.
- B2B Validation and transaction management systems to be refreshed once AEMO publishes updated schemas.

7.3 Tools and Data Interfaces

Focus Area	Impact Description
Tools and Data Interfaces	<ul style="list-style-type: none"> • Updates to AEMO-supplied applications (Gateway Software, B2B Validation Module, Participant Batchter) to align with RTD schema changes.

Participant Impacts

- Participants using AEMO-provided tools must upgrade to new releases.

7.4 Data Exchange and Schema

Focus Area	Impact Description
Data Exchange	<ul style="list-style-type: none"> • New aseXML and IDX schema versions for both B2M and B2B to incorporate RTD enumerations and attributes. • Transitional support for prior (superseded) schema versions to maintain interoperability.

Participant Impacts

- All Participants exchanging B2M or B2B data will need to assess schema version readiness and upgrade timing.
- Where IDX transition is in place for NEM B2M and B2B, effort to ensure compatibility across aseXML and IDX.