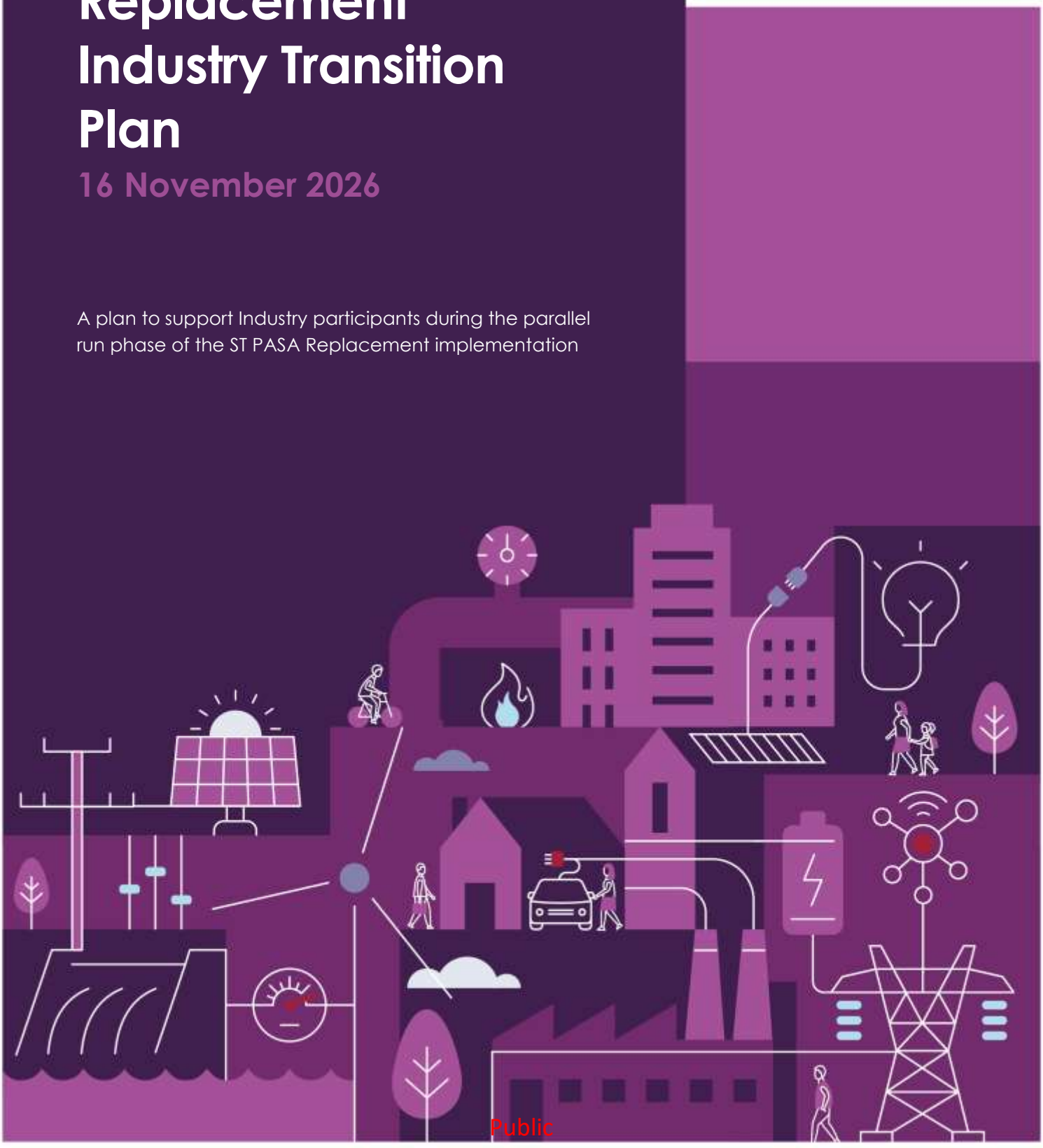
Public

ST PASA Replacement Industry Transition Plan

16 November 2026

A plan to support Industry participants during the parallel run phase of the ST PASA Replacement implementation



Public



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.

AEMO is proud to have launched its Innovate Reconciliation Action Plan (RAP) in June 2026. Pictured left and featuring on the cover of the Innovate RAP is Wiradjuri artist Lani Balzan's 'Journey of unity: AEMO's Reconciliation Path', a visual representation of 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.

Important notice

Purpose

This document describes the proposed industry transition and parallel run approach for the Short-Term Projected Assessment of System Adequacy (ST PASA) Replacement initiative. It is intended to help market participants understand the transition period, the status and use of the current PASA and ST PASA Replacement outputs, participant validation activities, engagement and support arrangements, issue management, readiness checkpoints and the pathway to the targeted commencement of the new procedures and systems on 31 March 2027.

Disclaimer

This document provides general information and guidance current as at the date of publication. It may be updated as delivery, testing and participant engagement progress. It does not constitute legal or business advice and should not be relied on as a substitute for detailed advice about the National Electricity Law, National Electricity Rules, procedures, systems or participant-specific implementation requirements. AEMO has made reasonable efforts to ensure the quality of the information but cannot guarantee its accuracy or completeness for individual circumstances.

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Executive summary

AEMO is implementing the ST PASA Replacement through a staged approach. The August 2026 internal production release enabled AEMO to begin observing the PD PASA Replacement capability implemented as part of **phase 1**.

From 16 November 2026, the **phase 2** ST PASA Replacement capability and associated outputs will be made available to participants in AEMO's pre-production environment. The participant parallel run remains targeted to commence on 30 November 2026 and will initially operate using the pre-production environment.

ST PASA Replacement system is planned to be available in production from February 2027

to 31 March 2027. Commencement of the new procedures and systems is **phase 3**, targeted for 31 March 2027, subject to successful completion of the parallel run and readiness criteria.

Throughout the transition, current ST PASA procedures, outputs and operational decision pathways will be used for operational decision making, including existing LOR Market Notices and the existing Reserve Conditions Dashboard[1]. The new ST PASA Replacement outputs are provided for technical testing, familiarisation, and validation. Participants should not treat the new ST PASA Replacement outputs as the operational source for market decisions or Market Notices until AEMO confirms commencement of the new arrangements.

This transition plan supports participant preparation and AEMO's assessment of readiness through several areas:

- Clarity about transition milestones and which systems, procedures and outputs will be used for operational decision making
- Practical guidance on what participants are expected to review and how to raise issues
- Support with connectivity and accessibility to the data model, including the ability to setup systems early, prior to go-live
- Understanding of expected differences between current PASA and ST PASA Replacement outputs, supply reliability assessments including zonal results, uncertainty treatment, network conditions and LOR outcomes
- Availability of known issues (exceptions or limitations) and changes during the parallel run
- Participant engagement through support channels, NEM Reform forums, Q&A sessions and guidance with material questions
- Readiness checkpoints supporting operational preparedness before commencement

Participants remain accountable for their own systems, processes and readiness activities. Readiness of an individual participant or participant category is not a dependency for go-live. Commencement requires AEMO's solution to be updated and tested, requires AEMO business to be ready to operate the new ST PASA Replacement arrangements with IT support in place. Parallel run evidence will inform the commencement recommendation.

[1] See AEMO *NEM Data Dashboard* at https://www.aemo.com.au/Energy-systems/Electricity/National-Electricity-Market-NEM/Data-NEM/Data-Dashboard-NEM

Key distinction

Commencement of the parallel run on 30 November 2026 does not represent a production release. ST PASA Replacement outputs will remain non-operational transition outputs throughout the parallel run, regardless of the environment from which they are made available.

This Transition Plan covers familiarisation, validation, support and readiness during the transition period. Detailed deployment sequencing, cutover activities, go/no-go decisions and commencement-day communications will be addressed in the separate Industry Go-Live Plan targeted for draft publication on 1 February 2027 and final publication on 1 March 2027.

1 Introduction

1.1 Background

The Short-Term Projected Assessment of System Adequacy (ST PASA) Replacement Program is modernising AEMO's ST PASA capability to improve the transparency, accessibility and usability of adequacy assessment information provided to market participants. The replacement solution introduces new forecasting methodologies, enhanced data processing capabilities, revised participant interfaces and reporting arrangements, and updated information delivery mechanisms.

ST PASA Replacement is being implemented through a phased delivery approach to progressively introduce new capabilities and reduce implementation risk. **Phase 1**, completed in August 2026, delivered the replacement of the existing PD PASA capability and established key elements of the future forecasting platform. **Phase 2** introduces the new ST PASA capability, associated participant reports and data outputs. The capability will initially be made available to participants in the pre-production environment from 16 November 2026. The parallel run will commence in pre-production on 30 November 2026, followed by planned production availability in February 2027. **Phase 3** culminates in the commencement of the new ST PASA arrangements and the retirement of current processes and systems, completing the transition to the future-state PASA environment.

As a critical operational process used by participants to assess supply adequacy and support operational and trading decisions, the implementation of ST PASA Replacement represents a significant change for both AEMO and industry. To support a successful transition to the future-state arrangements, AEMO will undertake a structured transition period that includes industry testing, participant familiarisation activities, operational readiness assessments and a parallel run period.

1.2 The transition period

The transition period commences with the parallel run of the current PASA and the ST PASA Replacement in the **pre-production environment** from 30 November 2026, following the Industry testing period of 16 to 30 November 2026 in the same environment. Production availability is planned for February 2027, allowing the later stages of the parallel run to include production-environment validation ahead of the phase 3 commencement targeted for 31 March 2027. The transition period provides participants with the opportunity to access and review future-state ST PASA outputs, understand changes to reports, data and operational processes, and build confidence in the information being produced by the new solution. It also provides AEMO with the opportunity to validate solution performance, identify and address issues, collect participant feedback and assess overall readiness for commencement.

Throughout the transition period, AEMO will work collaboratively with participants to support understanding of the new arrangements, provide guidance on key differences between current and future-state outputs, and ensure support mechanisms are in place to enable issues and questions to be raised and resolved in a timely manner.

This Transition Plan outlines the activities, governance arrangements, communications, support mechanisms, readiness assessments and decision points that will guide industry through the transition period. It also establishes the objectives and exit criteria that will be used to assess whether sufficient evidence exists to support commencement of the ST PASA Replacement arrangements.

The transition period is intended to provide assurance that participants have had adequate opportunity to familiarise themselves with the new arrangements, that outstanding issues are understood and appropriately managed, and that AEMO and industry are operationally ready to transition to the future-state ST PASA environment.

1.3 Purpose and objectives of this plan

This plan explains how AEMO and participants will use the period between pre-production availability from 16 November 2026, production availability planned for February 2027, and targeted operational commencement on 31 March 2027 to build confidence in the new arrangements while maintaining operational continuity. The transition plan considers the following objectives:

1. Provide clarity throughout the transition
2. Enable participant familiarisation with ST PASA Replacement outputs
3. Build understanding of future-state outcomes and expected differences
4. Support participant engagement, issue management and readiness activities
5. Establish readiness for operational commencement

1.4 Audience

The Transition Plan audience is participants as listed in the Industry Impact Assessment and Readiness Approach, published on 31 August 2026 (a referenced document in Table 1 below):

- Existing users of ST PASA outputs, reports and supporting procedures.
- Scheduled participants, including generators, loads and bidirectional units.
- Network service providers.
- Market Customers (including electricity retailers) and their service providers that ingest or use PASA data.
- Participant IT, operations, trading, forecasting, outage planning and compliance teams.

1.5 Relationship to other documents

Table 1 AEMO – Table 1 showing relationship to documents

Document	Role in the transition
Industry Impact Assessment and Readiness Approach[2]	Defines participant impacts, readiness approach, phased implementation and key readiness checkpoints
ST PASA Replacement Industry Test Strategy and supporting material[3]	Explains the scope and arrangements for participant technical testing in pre-production
New procedures and guidelines, including ST PASA Procedure, Reliability Standard Implementation Guidelines, Reserve Level Declaration Guidelines, SO_OP_3703 Short Term Reserve Management, ST PASA Forecasting Methodology (as consulted, amended based on outcomes of testing)[4]	Describe the future operational framework and methods. Current procedures remain in force during the parallel run. Transition versions of these documents will be published by AEMO.

[2] See AEMO *ST PASA Replacement* initiative page, at https://www.aemo.com.au/initiatives/major-programs/nem-reform-program/nem-reform-program-initiatives/st-pasa-replacement

[3] https://www.aemo.com.au/-/media/files/initiatives/st-pasa-replacement-project/2026/ST-PASA-Replacement-Project-Test-Strategy-Nov-2026

[4] See AEMO *Consultation on ST PASA Replacement Project Procedures,* at https://www.aemo.com.au/consultations/current-and-closed-consultations/consultation-on-st-pasa-replacement-project-procedures, and *Consultation on ST PASA Replacement Project - Reserve Level Declaration Guidelines,* at https://www.aemo.com.au/consultations/current-and-closed-consultations/consultation-on-st-pasa-replacement-project---reserve-level-declaration-guidelines and Consultation of ST PASA Procedure and related documents, at https://www.aemo.com.au/consultations/current-and-closed-consultations/st-pasa-procedures-and-related-documents-consultation

Document	Role in the transition
Technical specifications and MMS Data Model material [5] • EMMS – Data Model 5.7 – May 2026 • EMMS – Data Model 5.8 – Oct 2026	Define report, table and data model changes for participant implementation
Industry Go-Live Plan	To be developed separately for phase 3, targeted for March 2027 cutover, commencement and deployment coordination

2 Transition scope and principles

This section establishes the scope and guiding principles for the ST PASA Industry transition, providing a common framework for AEMO and participants throughout the transition period. It clarifies what is included and excluded from the transition approach and the principles that will support a coordinated, transparent and readiness-focused transition to the ST PASA Replacement.

2.1 In scope

- November 2026 industry testing and pre-production release activities that enable the transition period.
- Participant parallel run targeted from 30 November 2026 using the pre-production environment.
- Participant parallel run continues with production availability in February 2027 to 31 March 2027.
- Transition from pre-production to production availability during the parallel-run period (of 30 November 2026 to 31 March 2027).
- Participant access to, ingestion of and familiarisation with ST PASA Replacement transition outputs.
- Comparison and interpretation of current PASA and ST PASA Replacement outputs.
- Participant engagement, Q&A, and issue management.
- Readiness checkpoints, evidence and transition exit criteria.

2.2 Out of scope

- Detailed March 2027 cutover schedule and deployment tasks.
- Commencement-day operational commands and go/no-go communications.
- Participant-specific implementation plans.
- Market notices, dashboard, market notice templates and publication arrangements during transition.

[5] See AEMO, *Technical Specifications Portal*, *Electricity Data Model,* at https://www.aemo.com.au/energy-systems/market-portals-directory/tech-specs

2.3 Transition principles

The table below outlines the principles guiding the transition and how each will be applied throughout the participant parallel run and commencement preparations.

Table 2 AEMO – Table 2 showing transition principles

Principle	Application
Operational continuity	Most recent procedures and operational arrangements remain authoritative until formal commencement of the new arrangements, targeted Q1 2027
Supported transition	The ST PASA Replacement capability is introduced through industry testing, participant visibility and parallel operation before commencement. The parallel operation will be through a staged environment approach: industry testing and initial parallel run in pre-production followed by a production parallel run from February 2027 to 31 March 2027, when phase 3 is targeted for implementation.
Transparency	AEMO will explain material differences, known issues changes and the evidence used to assess readiness. AEMO will provide visibility and timing for resolution for any technical defects affecting ST PASA Replacement capability.
Participant flexibility	Participants may undertake proportionate validation based on how they consume or use ST PASA information
Clear accountability	AEMO and participants remain responsible for their own systems, processes, readiness and issue management
Evidence-based commencement	AEMO's readiness criteria, referred to in Section 8 of this plan and published as part of the ST PASA Replacement Readiness approach[6], will inform the commencement recommendation,

3 Transition phases and status of outputs

This section explains each transition phase, the status of outputs and how participants should use them. It is needed to clarify which arrangements remain authoritative and what activities are expected at each stage.

Table 3 Transition phases

Phase	Indicative timing	Purpose	Status of outputs and participant use
Industry testing	Targeted from 16 November 2026	Validate technical population and ingestion of new data and reports in pre-production	**Pre-production only.** Participants may test connectivity, report receipt, table population and ingestion (testing is voluntary)
Participant parallel run. Stage 1	Target 30 November 2026 to planned February 2027 production availability	Build understanding and confidence through observation, comparison and issue resolution	Conducted using **pre-production ST PASA Replacement outputs.** Current PASA arrangements remain authoritative. Reports may be released in stages during the parallel run period.
Production availability and participant parallel run, Stage 2	Parallel run from February to 31 March 2027 (targeted)	Validate production availability, publication and continued confidence ahead of commencement	ST PASA Replacement outputs become available in production but remain **non-authoritative transition outputs** until the commencement of phase 3
Commencement readiness	November 2026 to March 2027	Assess transition evidence, residual risks and readiness against defined criteria	Evidence will include pre-production parallel run results and production-environment validation. AEMO

[6] See AEMO *ST PASA Replacement* initiative page, *Industry Impact Assessment and Readiness Approach* document at https://www.aemo.com.au/initiatives/major-programs/nem-reform-program/nem-reform-program-initiatives/st-pasa-replacement

Phase	Indicative timing	Purpose	Status of outputs and participant use
			communicates checkpoint outcomes, material issues and actions required before commencement
Operational commencement	Target 31 March 2027	Commence new procedures and systems, subject to readiness and go-live decisions	Detailed cutover and commencement arrangements will be defined in the separate Industry Go-Live Plan

3.1 Operational decision making during parallel run

Authoritative arrangements

During all stages of the participant parallel run, current ST PASA procedures, outputs and associated operational decision pathways remain in force. This applies while ST PASA Replacement outputs are made available in pre-production and after they become available in production (during the parallel run period). ST PASA Replacement outputs remain transition information until AEMO confirms operational commencement.

3.2 What participants should expect

- Concurrent visibility of current PASA and ST PASA Replacement information, where made available using the pre-production and production environments, as specified in Table 3, during stage 1 and stage 2 of the parallel run.
- Differences caused by changed modelling, uncertainty treatment, zonal representation, network conditions and run types.
- Progressive updates to supporting guidance, FAQs and known issues (exceptions/limitations) as practical experience develops.
- Clear guidance of non-operational or transition outputs[7].
- Notification where a defect, data issue or publication problem affects participant interpretation.
- Advise participants when production availability commences.
- Reports and data may continue to be populated progressively across both the pre-production and production stages of the parallel run.

[7] Refer to Appendix 1 (A1) for list of reports labelled as non-operational for the duration of the participant parallel run

4 Participant transition activities

Participants should apply a proportionate approach based on how ST PASA information is used in their organisation. The activities below are recommended and are not a substitute for participant-specific risk assessment.

Table 4 Participant transition activities

Readiness area	Recommended participant activity
Access and ingestion	Confirm access to available pre-production reports, tables and extracts. Validate ingestion and downstream processing using pre-production outputs during the first parallel run stage. Prepare for and subsequently validate production access when production parallel run availability commences in February 2027.
Data interpretation	Review new fields, zonal outputs, run types and the treatment of uncertainty and shortfalls
Process impacts	Identify operational, trading, outage, forecasting or reporting processes that use ST PASA information
People readiness	Brief affected users on what changes during parallel run, what remains authoritative and how to raise questions
Issue management	Use the published channel to report defects, access issues, data concerns and interpretation questions
Commencement preparation	Track updates to procedures, technical material, checkpoints and the future Go-Live Plan

Preparation for access & ingestion

Participants need to access EMMS Data Model 5.8 and subscriptions to the new ST PASA data model reports. Participants using Data Model 5.7 or earlier will need to upgrade.

5 Validation approach during the parallel run

5.1 Validation objectives

The validation period provides an opportunity for AEMO and participants to observe the ST PASA Replacement capability using data made available through the transition environments, review and understand the new outputs, compare these with the current PASA outcomes, and identify any material issues or areas requiring clarification ahead of commencement. Initial parallel-run validation will be conducted in pre-production, followed by production environment validation from February 2027. The focus is on building a shared understanding of how the replacement capability behaves, providing confidence in the outputs.

5.2 Validation themes

The themes below guide validation of output availability, interpretation, operational usability and support during the parallel run. They provide a consistent focus for AEMO and participant reviews, helping distinguish expected differences from issues requiring investigation and build evidence to inform readiness assessments before operational commencement.

Table 5 Validation themes

Theme	Questions the transition should answer
Output availability	Reports and datasets available & complete
Forecast and reliability outcomes	Differences between current PASA and ST PASA Replacement results explainable and within the intended methodology
Zonal and regional interpretation	Participants understand affected zones, regional implications and the relationship to LOR declarations
Uncertainty	Uncertainty inputs, margins and run types sufficiently transparent for participants to interpret outcomes
Network conditions	Participants understand how constraints, contingencies and outages affect published outcomes
Operational usability	Outputs are usable for participant planning without creating misleading or false signals
Support effectiveness	Participant questions triaged, answered and converted into reusable guidance. List of questions and answers frequently published on the project initiative page of the AEMO website, project initiative page.

5.3 Comparison guidance

A difference between current PASA and ST PASA Replacement outputs does not automatically indicate a defect. ST PASA Replacement uses a different framework and may represent uncertainty, network limitations and shortfalls differently[8].

Table 6 Escalation guidance

Escalate to AEMO when	Escalation to AEMO is not required when
A report is missing, late, incomplete or cannot be ingested	A difference is understood and consistent with published methodology
Values appear internally inconsistent or materially inconsistent with source inputs	A downstream process requires an internal update, but the AEMO output is operating as specified
A new output cannot be interpreted using published guidance	The participant chooses not to use an optional transition output
ST PASA Replacement result**s** could create a misleading operational signal if not clarified	A question has already been addressed in published FAQs or as part of known issues management

[8] See AEMO, *ST PASA Replacement initiative, Industry Engagement* section, *ST PASA Replacement Technical Workshop 1 (Reserve Framework, Declarations & Notices and PASA Reporting)-17 December 2025* at https://www.aemo.com.au/-/media/files/initiatives/st-pasa-replacement-project/2025/technical-workshop-1.pdf?rev=4c42d63cabef4f759f71cda5e536ce14&sc_lang=en

6 Reports and data

This section outlines the reports, data and market communications that will support participants through the transition. Appendix A1 provides the full list and mapping of current NEM reports to new NEM reports, including their publication dates in pre-production or production environments. These dates are correct as at the date of publication of this Transition Plan; if they change, participants will be advised through the appropriate NEM Reform channels.

Additional information on participant access to the AEMO Electricity Data Model (EMMS Technical specification) can be accessed from AEMO's Technical Specification Portal[9].

6.1 NEM Reports

AEMO is to maintain a participant-facing inventory of changed and new reports, data model tables, publication timing and environments and known issues (exceptions/limitations). The participant web portal provides a list of all reports, including the Full Network Model PASA reports (FNM_PASA) and the Pre-Production environment can be accessed from: https://mms.preprod.nemnet.net.au.

Table 7 Report / Publication Information

Item	Information to publish
Report or table name	Purpose, fields, frequency and source
Environment	Pre-production and/or production availability
First population	Expected first population in pre-production planned production availability, and any staged or deferred population
Participant action	Upgrade, subscribe, activate, map or no action
Report version	Version number (updated versions advised via AEMO's Support Hub Bulletins)
Reference	Technical specification, release note or guidance link (as part of Data Model releases 5.7 and 5.8)

7 Support and engagement

This section outlines the support channels, engagement opportunities and issue management arrangements available to participants throughout the transition. These arrangements are intended to help participants access guidance, clarify questions, share findings and resolve issues as they familiarise themselves with the new ST PASA outputs and prepare for operational commencement.

AEMO would like to draw attention to the following **limited or no support period for the ST PASA Replacement** resulting from the AEMO office end of year shutdown and change freeze periods which apply during the transition in the months of December 2026 and January 2027:

[9] See *AEMO, Technical Specifications Portal*, https://tech-specs.docs.public.aemo.com.au/Content/TSP_TechnicalSpecificationPortal/Index.htm?tocpath=_____1

7.1 Support channels

The channels described in Tabe 8 help participants find the right support throughout the transition, from resolving production access and system issues to clarifying new outputs and readiness requirements. Participants can also use the forums, Q&A sessions and initiative webpage to share observations, access guidance and stay informed as they prepare for operational commencement.

Table 8 Support channels

Channel	Use
AEMO Support Hub (Support.Hub@aemo.com.au) or 1300 236 600	Access, data, report and system incidents managed through established support processes. This includes pre-production issues during the first parallel run stage and subsequent, stage 2, production parallel run
NEMReform@aemo.com.au	Transition, readiness, interpretation and implementation questions; industry feedback
NEM Reform forums	Regular progress, readiness and milestone updates
Parallel run Q&A sessions	Review outcomes, explain differences, discuss participant findings and clarify guidance
Initiative webpage	Published plan, FAQs, educational material, known issues and updates

When considering support, participants should also consider AEMO's end of year and change freeze periods, outlined in Table 9.

Table 9 AEMO change freeze and Christmas shutdown key dates

Event	Period (AEDT)	What this means	Participant actions
AEMO office end of year shutdown	From 17:00, Thursday 24 December 2026 to 08:00, Monday 4 January 2027	NEM Reform Program support will be unavailable during this period	Submit queries via channels described in Table 9 of this plan. Queries to the NEM Reform mailbox will be responded to after the shutdown period.
AEMO change freeze period	From 17:00, Friday 11 December 2026 to 08:00 Monday 11 January 2027	ST PASA Replacement support will be limited to: • High/critical defects hotfixes in the **pre-production environment (PREPROD)** except during end of year shutdown	Submit queries via channels described in Table 9 of this plan

Change Freeze Period – Hotfix approach

During the parallel run stages the ST PASA System and NEM reports remain a secondary system, not the primary user system; defects may still be identified. During the change-freeze period, only critical or high-severity ST PASA System and NEM reports defects will be addressed through hot fixes in pre-production, excluding AEMO's shut down period from 24 December to 3 January 2027.

The support arrangements described in Table 9 apply only to the ST PASA Replacement initiative and do not affect the regular support channels available to participants for other purposes.

7.2 Query and issue categories

- Access and permissions.

- Report timing, completeness or ingestion.
- Data quality and reconciliation.
- Forecast outcome or methodology interpretation.
- Procedure and commencement questions.
- Defect or performance concern.

7.3 Issue management process

The process below outlines how participant queries and issues will be logged, assessed, investigated and resolved during the transition. It is intended to give participants visibility of progress, available workarounds and outcomes, while ensuring recurring issues inform updates to guidance and transition material. Support requests are raised via AEMO's Support Hub during normal coverage hours of 8:00am to 6:00pm Australian Eastern Daylight Time (AEDT)[10].

Table 10 How issues will be managed

Step	AEMO activity	Participant visibility
1. Receive	Log query and confirm the appropriate support route	Acknowledgement and reference
2. Triage	Classify severity, impact, owner and whether the item is a defect, data issue or question	Initial status and any workaround
3. Investigate	Engage business, digital and vendor SMEs and compare evidence	Progress update for material items
4. Resolve	Fix, clarify, update guidance or accept as known limitation	Resolution, release note or FAQ update
5. Close and learn	Confirm closure and identify recurring themes	Updated known issues (exceptions/limitations) register and transition material

7.4 Communications and engagement schedule

The schedule below outlines the planned communications and engagement activities that will support participants from industry testing through to commencement preparations. It is intended to help participants plan their transition activities, understand what is available at each stage, raise questions and stay informed about issues, guidance and readiness outcomes.

Table 11 Communication schedule

Timing	Communication	Purpose
Before 16 November 2026, industry testing	• Pre-production release overview, test guidance, report inventory and support routes • Industry Testing kick-off session	Enable participants to prepare access and technical validation
November **industry test period** (target 16-29 Nov)	Q&A sessions / Support Forums, statement of available, staged or deferred outputs	Provide an avenue to raise issues, seek clarification and share testing observations available in pre-production

[10] See AEMO Support Hub page at https://di-help.docs.public.aemo.com.au/Content/Common/SupportHub.htm?TocPath=Needing%20Help|AEMO%27s%20Support%20Hub|_____0

Timing	Communication	Purpose
At parallel run commencement (target 30 Nov – 30 March)	Parallel run commencement, release confirmation and statement of what is available, what remains unchanged and any known limitations. Q&A schedule.	Set clear expectations for the transition (pre-production parallel run stage 1). Begin coordinated familiarisation and validation
30 November 2026 to 31 January 2027	Transition updates and Q&A opportunities, subject to shutdown	Maintain visibility of progress, issues, fixes and known limitations
Before February 2027	Production parallel run (stage 2) readiness advice, confirmed availability dates, access requirements and participant actions	Prepare participants for parallel run production availability (targeting period of February to 31 March 2027)
Targeting Fortnightly or as required	Transition update and Q&A opportunity	Maintain transparency on issues, fixes and guidance
Monthly	NEM Reform forum readiness update.	Report progress against milestones and readiness criteria
8 January 2027 checkpoint (target)	Three-month readiness checkpoint outcome	Identify material gaps and corrective actions
1 February 2027 (target)	Draft Industry Go-Live Plan for participant review	Participants to review plan to prepare for cutover and commencement
1 March 2027 (target)	Final Industry Go-Live Plan	Prepare for cutover and commencement
3 March 2027 checkpoint (target)	One-month readiness checkpoint outcome and final transition status	Confirm residual actions before commencement decision

8 Readiness governance and checkpoints

This section explains how readiness will be assessed and governed throughout the transition. It is needed to provide clear evidence-based checkpoints, identify and address gaps early, and support a controlled decision on operational commencement. AEMO emphasises that individual participant readiness is not a go-live dependency. By the target commencement date of 31 March 2027, AEMO needs to:

- Demonstrate capability and operation in line with new ST PASA Procedures and guidelines
- Demonstrate acceptable level of operational performance during parallel run
- Ensure AEMO business is ready to support go-live through established support arrangements
- Ensure AEMO IT support processes are in place

8.1 Readiness areas

The readiness areas below outline the evidence considered when assessing preparations for operational commencement, including testing, support, documentation and contingency arrangements. They help participants understand the scope of the readiness assessment and how the supporting material and activities contribute to a controlled transition.

Table 12 Participant readiness areas

Readiness area	Evidence considered
Initiative Readiness Criteria	As described in section 8 of this plan.

Readiness area	Evidence considered
Initiative testing	Industry test strategy
Participant Development Support	Tech Specifications & Procedures. Pre-production and production environment availability
Transition & Go-Live	Transition plan, Deployment Go-Live plan
Engagement Support	Support through forums & focus groups, educational material, mailbox & newsletters
Documentation readiness	Procedures, methodology, guidelines
Risk and contingency readiness	Residual risk, fallback arrangements and ability to maintain current arrangements if criteria are not met

8.2 Checkpoints

The checkpoints below provide staged opportunities to review transition evidence, participant feedback and outstanding issues before operational commencement. They help participants understand when progress will be assessed and how gaps, corrective actions and residual risks will inform the commencement recommendation.

Table 13 Readiness checkpoints

Checkpoint	Target	Focus
Pre-production parallel run commencement	30 November 2026	Confirm pre-production ST PASA Replacement outputs, participant access, support arrangements and authority messaging are ready
Three-month readiness checkpoint	8 January 2027	Assess early stability, material output differences, participant feedback and corrective actions
Production parallel run availability	Before February 2027 production release (tbc)	Confirm production deployment, publication, monitoring and support
One-month readiness checkpoint	3 March 2027	Assess readiness against criteria and residual risks before commencement
Final transition recommendation	Before targeted 31 March 2027 commencement	Provide evidence-based recommendation into formal go-live governance

8.3 Decision roles

Accountability for reviewing readiness outcomes remains with participants because readiness of an individual participant or participant category is not a dependency for go-live.[11] Go-live requires AEMO's solution to be updated and tested, AEMO's business to be ready to operate the new arrangements, and AEMO's IT support to be in place.

[11] See AEMO, ST PASA Replacement Initiative, Readiness section, *Industry Impact Assessment and Readiness Approach*, at https://www.aemo.com.au/initiatives/major-programs/nem-reform-program/nem-reform-program-initiatives/st-pasa-replacement

9 Transition exit criteria

The objectives of the transition will be addressed throughout the transition phase. Transition exit criteria listed below are intended as a guide to demonstrate that the ST PASA Replacement arrangements can support operational commencement. Please also refer to section 8 of this plan for an outline of AEMO's Readiness criteria.

Table 14 Transition exit criteria

Objective	Exit Criteria
Provide clarity and certainty throughout the transition	• The transition approach, key milestones and support arrangements have been communicated to participants • Participants have been informed which systems, procedures and outputs remain authoritative during the transition period • Guidance is available to support participant understanding of the transition • Material areas of confusion have been identified and addressed through communications, forums or published guidance
Enable participant familiarisation with ST PASA Replacement outputs	• Reports, data sets and extracts have been made available as planned • Access, publication and data delivery arrangements have demonstrated acceptable performance • Issues affecting participant access, receipt or interpretation of outputs have been resolved or have agreed treatment plans • Participants have had reasonable opportunity to review and familiarise themselves with future-state outputs
Build understanding of future-state outcomes and expected differences	• Material differences between current and future-state outputs have been identified, investigated and understood • Known limitations, assumptions and expected behavioural differences have been communicated • Material concerns regarding data quality, output integrity or interpretation have been addressed or formally accepted • Supporting guidance and explanatory material are available where required
Support participant engagement, issue management and readiness activities	• Support channels are established and operational • Material participant questions and issues have been assessed and responded to • Critical and high-severity issues have been resolved or formally accepted with controls • Transition feedback has been evaluated and incorporated into readiness assessments where appropriate
Establish readiness for operational commencement	• Readiness checkpoints have been completed • Operational performance and stability meet agreed commencement requirements • Procedures, methodology documents, technical specifications and participant guidance are available • AEMO operational and support teams are prepared to operate and support the future-state arrangements • Identified risks have been assessed and are considered acceptable for commencement • The Industry Go-Live Plan has been approved and is ready to support final cutover and commencement activities

Section heading

A1. NEM Reports

The reports listed below will be published under a phased release approach in AEMO's Markets Portal, under the current EMMS Data Model Versions v5.7 and v5.8. Data will be populated for testing purposes and the commencement of the parallel run in AEMO's pre-production environment, followed by data in AEMO's production environment at the scheduled production parallel run stage 2. It is advised that participants use the pre-production environment and data for the purposes of testing and integration prior to progressing with stage 1 of the parallel run which remains in pre-production, before connecting with the production parallel run environment in February 2027.

Current Report	Modified Report (May-26)	New Report[12]	PDM Release Date	Population (PREPROD environment)	Planned Population (PROD environment)
Run Based		**Run Based**			
STPASA_CASESOLUTION		STPASA_FNM_CASESOLUTION	May-26	16-Nov-26	3 Feb-27
STPASA_CONSTRAINTSOLUTION		STPASA_FNM_CONSTRAINTSOLUTION	May-26	16-Nov-26	3 Feb-27
STPASA_INTERCONNECTORSOLN		STPASA_FNM_INTERCONNECTORSOLN	May-26	16-Nov-26	3 Feb-27
		STPASA_FNM_INTERZONALSOLUTION	May-26	16-Nov-26	3 Feb-27
STPASA_REGIONSOLUTION	STPASA_REGIONSOLUTION	STPASA_FNM_REGIONSOLUTION[13]	May-26	16-Nov-26	3 Feb-27
		STPASA_FNM_REGIONSUMMARY	May-26	Deferred	Deferred
		STPASA_FNM_ZONESOLUTION[13]	May-26	16-Nov-26	3 Feb-27
		STPASA_FNM_ZONESUMMARY	May-26	Deferred	Deferred
STPASA_DUID_AVAILABILITY		STPASA_FNM_DUID_AVAILABILITY	May-26	Deferred	Deferred
PDPASA_CASESOLUTION		PDPASA_FNM_CASESOLUTION	May-26	16-Nov-26	3 Feb-27
PDPASA_CONSTRAINTSOLUTION		PDPASA_FNM_CONSTRAINTSOLUTION	May-26	16-Nov-26	3 Feb-27
PDPASA_INTERCONNECTORSOLN		PDPASA_FNM_INTERCONNECTORSOLN	May-26	16-Nov-26	3 Feb-27
		PDPASA_FNM_INTERZONALSOLUTION	May-26	16-Nov-26	3 Feb-27
PDPASA_REGIONSOLUTION	PDPASA_REGIONSOLUTION	PDPASA_FNM_REGIONSOLUTION[13]	May-26	16-Nov-26	3 Feb-27
		PDPASA_FNM_REGIONSUMMARY	May-26	Deferred	Deferred

[12] PASA reports with "_FNM" in their report name (for example, STPASA_FNM_CASESOLUTION), together with the PASA Mapping reports, are non-operational during the parallel run period. These reports support participant testing, familiarisation and validation. Outputs from the current PASA remain authoritative until AEMO confirms operational commencement.

[13] Fields DEMAND_UNCERTAINTY_MARGIN, SCHED_GEN_UNCERTAINTY_MARGIN, VRE_GEN_UNCERTAINTY_MARGIN, SCHED_GEN_AUX_LOAD initially blank, population is deferred, date TBA

Current Report	Modified Report (May-26)	New Report[12]	PDM Release Date	Population (PREPROD environment)	Planned Population (PROD environment)
		PDPASA_FNM_ZONESOLUTION[13]	May-26	16-Nov-26	3 Feb-27
		PDPASA_FNM_ZONESUMMARY	May-26	Deferred	Deferred
PDPASA_DUID_AVAILABILITY		PDPASA_FNM_DUID_AVAILABILITY	May-26	Deferred	Deferred
		Standing Data			
		PASA_DUID_SUBSTATION_MAPPING	Oct-26	16-Nov-26	3 Feb-27
		PASA_SUBSTATION_ZONE_MAPPING	Oct-26	16-Nov-26	3 Feb-27
		PASA_ZONE_REGION_MAPPING	May-26, Oct-26	16-Nov-26	3 Feb-27
		PASA_INTERZONAL_MAPPING	May-26	16-Nov-26	3 Feb-27
		PASA_INTERZONAL_BOUNDARY	Oct-26	16-Nov-26	3 Feb-27
		PASA_INTERCONNECTOR_MAPPING	Oct-26	16-Nov-26	3 Feb-27
		PASA_INTERCONNECTOR_BOUNDARY	Oct-26	16-Nov-26	3 Feb-27
		PASA_CONTINGENCY_DEFINITION	May-26	Deferred	Deferred

Production dates are indicative and subject to completion of deployment and readiness activities. Production availability does not make ST PASA Replacement outputs authoritative before Phase 3 commencement, targeted from 31 March 2027.

A2. Participant questions

The following is a list of participant questions raised from time to time. Participants will be able to raise additional questions during the various forums or information sessions and via the NEM Reform mailbox.

Table 15 Participant FAQs

Topic	Transition plan response
Which system is authoritative?	Current PASA arrangements remain authoritative during parallel run and define the point at which these changes.
What changes in November and what changes in March?	From 16 November 2026, ST PASA Replacement outputs will be available in AEMO's pre-production environment for industry testing. The participant parallel run will commence on 30 November 2026 using pre-production outputs. Production availability is planned for February 2027. Operational commencement in phase 3 (targeting from 31 March 2027.)
What should participants do during **the** parallel run?	A practical checklist covering access, ingestion, interpretation, process review, people readiness and issue reporting.
Why do current PASA and ST PASA Replacement outcomes differ?	Refer to published explanation of methodology, uncertainty treatment, run types, zonal outputs, network constraints and expected differences.[14]
Which Procedures and Guidelines will be updated for the ST PASA Replacement?	ST PASA Procedure, Reliability Standard Implementation Guidelines, Reserve Level Declaration Guidelines, SO_OP_3703 Short Term Reserve Management, Spot Market Operations Timetable, as consulted documents during the 2 Consultations undertaken by the ST PASA Replacement initiative[15]. Additionally, a new Forecast(ing) Methodology will also be published as part of the ST PASA Replacement initiative.
Will LOR1, LOR2 and LOR3 remain?	The LOR1/LOR2/LOR3 framework is retained, while declarations are based on assessed shortfall across warning, reliability and base runs under the future framework.
What will happen to Market Notice formats?	Market Notices will only be issued for the current PASA and will maintain their current format for the duration of the parallel run.
Will notices be available in non-production?	Market Notices will only be issued under the current PASA. There will not be any notices issued under the new ST PASA Replacement during the parallel run period.
How does the Reserve Conditions Dashboard relate to ST PASA?	The Reserve Conditions dashboard is a separate initiative and whilst it is not related to the ST PASA Replacement, it is working with ST PASA Replacement for an updated dashboard being considered for the March 2027 release – phase 3 of the ST PASA Replacement project (timing to be confirmed). The dashboard is not an ST PASA Replacement project deliverable.
Where are issues raised and how are they tracked?	Raising of issues, tracking and resolution follows the process described in section 7 of this Transition Plan.
When will the current system be withdrawn?	This is not a consideration for this plan. To be addressed in the Industry Go-Live Plan (targeted draft publication 1 Feb 2027).

[14] See AEMO *ST PASA Replacement Initiative page, Industry Engagement section*, Technical Workshops 1 and 2 at https://www.aemo.com.au/initiatives/major-programs/nem-reform-program/nem-reform-program-initiatives/st-pasa-replacement

[15] See AEMO *ST PASA Replacement* initiative page, *Procedure Changes* section at https://www.aemo.com.au/initiatives/major-programs/nem-reform-program/nem-reform-program-initiatives/st-pasa-replacement

A3. Exceptions and limitations to this release

	Known issue / limitation	Description / transition position
1	**Recovery of stalled processing runs**	PASA processing may occasionally stall and prevent the next scheduled run from progressing. Further work is underway to improve automated recovery, however, operational intervention may still be required in some circumstances.
2	**Forecasting[16] input dependency**	Forecasting processing is dependent on the timely availability of required input data/files from upstream processes. Where these inputs are unavailable or delayed, the run will fail and be skipped.
3	**Processing performance**	Some longer PASA cases can take longer than the intended processing window to complete. Further performance validation is required, with processing times to be monitored during transition and Early Life Support
4	**Operational Validation**	Operational exposure to the replacement PASA solution was limited during the internal parallel run. Further operational observation and validation will therefore continue during the parallel run as the solution progresses through transition.
5	**Outstanding defects**	A number of defects identified during testing and parallel running remain subject to remediation, testing or validation. Outstanding items will continue to be managed through transition, with priority given to issues that could materially affect operational use of the solution.
6	**Forecast tuning and verification**	Forecasting tuning and verification ('backcasting') of forecasting processes will not be completed for commencement of the pre-production parallel run.
7	**Operational Readiness work towards planned March 2027 commencement**	While the November release represents an important milestone, further validations, performance monitoring and operational readiness will continue ahead of ST PASA commencement in March 2027 (target)
8	**PD PASA / replacement PASA outcome differences require continued validation**	Differences identified between current and replacement PD PASA outcomes have resulted in changes to constraint formulation. The revised approach remains dependent on successful implementation and testing, and continued comparison of outcomes will be required during the pre-production parallel run and following production parallel run availability in February 2026.

[16] For information about AEMO's Forecasting for ST PASA, see AEMO, *ST PASA Initiative* page, *Industry Engagement* section, *ST PASA Replacement Technical Workshop 3 (Forecasting Stack Methodology & Walkthrough)-11 May 2026* at https://www.aemo.com.au/-/media/files/initiatives/st-pasa-replacement-project/2026/technical-workshop-3.pdf?rev=06d62aa629d84cb7a2cb218771c2d29e&sc_lang=en

9	**Enhanced monitoring during transition**	Increased monitoring will be maintained through transition and Early Life Support, particularly for successful run completion, processing times, Forecast processing, required input availability and PASA outcome differences.
10	**ST PASA Cycle Time**	Initially ST PASA will run every 3 hours.
11	**Energy Optimisation**	Following feedback during the technical workshops, non-time coupled energy optimisation has been implemented.
12	**NEM Reports Phased Release**	See Appendix A1 for NEM Report release targets.
13	**LOR Deficits**	AEMO has observed unexpected LORs during testing. These are being investigated.
14	**Generator Contingencies**	The parallel run will commence with a fixed and limited set of generator contingencies.
15	**Market Notice Templates and Dashboards**	The parallel run will commence without LOR notice templates, LOR notices or a reserve dashboard.

A4. Glossary

Term	Definition
AEMO	Australian Energy Market Operator
Industry testing	Participant technical validation of access, data population and ingestion in the available test environment
LOR	Lack of Reserve
MMS	Market Management System
NEM	National Electricity Market
Parallel run	A transition period in which current PASA and ST PASA Replacement processes operate concurrently for observation and validation, while current PASA arrangements remain authoritative until commencement of the new ST PASA Replacement
PASA	Projected Assessment of System Adequacy
PD PASA	Pre-dispatch PASA
PDM	Participant Data Model
PREPROD	AEMO's preproduction environment used for participant testing, integration, familiarisation and the initial stage of the ST PASA Replacement participant parallel run
PROD	AEMO Production environment
ST PASA	Short-Term PASA
Transition output	A non-authoritative ST PASA Replacement output made available in either pre-production or production for testing, familiarisation or validation before operational commencement