

# Shortening the Settlement Cycle (SSC)

## Market Trial Test Plan – Draft

### Shortening the Settlement Cycle (SSC)

DRAFT version 0.1





# Important notice

## Disclaimer

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# Executive Summary

## About SSC:

AEMO is implementing the SSC reform following the AEMC's final determination, made on 12 December 2024. The change was made in response to GloBird Energy's rule change request to shorten the settlement cycle. The changes reduce prudential collateral held by AEMO to cover accrued liabilities (typically of retailers) in the NEM, i.e. unpaid settlement amounts. Lowering working capital requirements for small retailers in particular, would lower barriers to market entry and support increased investment in service innovation and more competition. This should benefit consumers through access to more choice and better service offerings. The final rule shortens the national electricity market (NEM) settlement cycle to nine business days following the end of a billing period and introduces a new revision 20 business days following the end of the billing period. The final rule will commence at the start of billing week 33 on 9 August 2026.

## Scope:

The following functionality are in scope for this Market Trial:

- Revision 0: AEMO will implement a Market Trial-specific settlements calendar that introduces the new R0 revision that will be scheduled between the Final and R1 revisions. Participants will be able to view and ingest the new R0 output. Validation of MSATS screens, transactions and reports where revision 0 is added are also in scope.
- Shortened Cycle: Simulation of the shortening settlement cycle over 2 billing weeks during the Market Trial will be demonstrated. (The cycle will reduce over 10 weeks in production)
  - Issuing preliminary statements earlier, 3 business days (bd) after the end of a billing period, this is currently 5 bd in production.
  - Issuing final statements earlier, initially 10 bd then end state of 7 bd after the billing period.
    - Note: In Production, this will be gradually reduced from 18 bd to 7 bd over 10 weeks.
  - Earlier payment due date, initially 12 bd then end state of 9 bd after the billing period
    - Note: In Production, this will be gradually reduced from 20 bd to 9 bd over 10 weeks.
- Cash Dashboard: Participants will be able to view their cash position and create and update instructions via the new Cash Dashboard UI or via API.

## Timeline:

The planned Market Trial test period is 5 weeks from Mon 29<sup>th</sup> June 2026 to Friday 31<sup>st</sup> July 2026 with the following activities:

- Week 1: After SSC code drop, AEMO will conduct an internal shakeout test to confirm the Preprod Settlements system is working with SSC changes.
- Weeks 2-5: Market Trial with all participants. Preliminary, Final and Revision 0 statements would be posted for participants to consume (see [Test Schedule in Section 4.2](#) for more details).
- AEMO will establish twice-weekly Q&A meetings to monitor test progress. Invitation to these meetings will be sent to the list of contacts provided by each organisation participating in the Market Trial.



## **Data Refresh**

Prior to the Market Trial, the Pre-production environment will be refreshed using an AEMO retail systems production data snapshot from 18th of March 2026, and an AEMO settlement systems production data snapshot from 12<sup>th</sup> of March 2026. The snapshots will be restored to AEMO Pre-production environment on the week of 23rd of March that will incur a week of downtime. This is roughly 3 months before the market trial execution period.



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# 1 Introduction

This section provides background information on AEMO's Shortening the Settlement Cycle (SSC) reform program, and sets out the purpose, scope and approach to the development of this Market Trial Plan (the 'Plan').

## 1.1 About AEMO's SSC Reform

AEMO is implementing the SSC reform following the AEMC's final determination, made on 12 December 2024. The change was made in response to GloBird Energy's rule change request to shorten the settlement cycle. The changes reduce prudential collateral held by AEMO to cover accrued liabilities (typically of retailers) in the NEM, i.e. unpaid settlement amounts. Lowering working capital requirements for small retailers in particular, would lower barriers to market entry and support increased investment in service innovation and more competition. This should benefit consumers through access to more choice and better service offerings.

The final rule shortens the national electricity market (NEM) settlement cycle to nine business days following the end of a billing period and introduces a new revision 20 business days following the end of the billing period.

The final rule will commence at the start of billing week 33 on 9 August 2026

**Table 1 Changes that will be introduced by the SSC reform**

Production Implementation Date	Change	Description
Sun 09 Aug 2026	Settlements and billing	<ul style="list-style-type: none"><li>Incorporating the new 20-business day routine revised statement (<b>Revision 0</b>), new preliminary and final statement posting timeframes, new payment timeframes.</li></ul>
Sun 09 Aug 2026	Prudentials	<ul style="list-style-type: none"><li>Incorporating Revision 0 into Prudential calculations, changes to ex post reallocation due dates, changes to settlement estimation at the NMI level. Introduction of new Cash Dashboard</li></ul>
Sun 09 Aug 2026	Metering	<ul style="list-style-type: none"><li>Incorporating Revision 0 into MDP Data Delivery Calendar, changes to quantity and quality SLA, MSATS, and RM Reports</li></ul>
Expected 01 Nov 2026	Credit Limit Procedures	<ul style="list-style-type: none"><li>Implemented MCL methodology changes and shortened Outstandings time-period (to take effect from 11 December 2026).</li></ul>

The SSC reform program covers the procedural, IT system and market readiness arrangements needed to implement the SSC Reform change including:

- [Procedures](#) – defines and implements the required changes to market procedures
- [Systems](#) – designs, develops, tests, and implements changes to AEMO's market systems
- [Readiness](#) – coordinates, assists and prepares AEMO and participants for the SSC Reform change.



## 1.2 Purpose of the SSC Market Trial plan

The purpose of the Plan is to set out the details for coordinating, managing, monitoring, and reporting on AEMO’s and NEM participants’ testing and trial activities and results.

As set out in AEMO’s SSC market trial strategy (the ‘Strategy’), the Plan will cover the following points:

- Test phase objectives
- Detailed scope of testing
- Prerequisite activities
- Entry and exit criteria
- Test cycle approach and dates
- Data management
- Defect management
- Test reporting requirements

## 1.3 Related documents

The following SSC related documents or web pages are relevant to the market trial plan.

**Table 2 Reference Documents and Websites**

#	Document name
1	<a href="#">SSC Rule Change</a>
2	<a href="#">SSC Initiative Webpage</a>
3	<a href="#">SSC High Level Implementation Assessment</a>
4	<a href="#">SSC Transition Plan</a>
5	<a href="#">SSC Draft Market Trial Strategy</a>
6	<a href="#">SSC Go Live Criteria (Release 1)</a>



## 1.4 Audience

The Plan is primarily intended for all NEM participants affected by the SSC reform, particularly:

- Test managers
- Test Leads
- Test Analysts (System Integration, UAT, Market Trial)
- Project Managers
- Developers and Business and Functional Subject Matter Experts (SMEs).

Secondary audiences within these businesses including:

- Development Managers
- IT Operations Teams
- Change Controllers
- Operations Teams.

## 2 Approach to developing the Market Trial plan

The Plan is being developed in consultation with industry. AEMO utilises the [Industry Testing Working Group \(ITWG\)](#) for input in to the Strategy and Plan. The Strategy sets out the high-level considerations that should be met when developing the Plan. Table 3 provides a summary of the opportunities for input by industry.

**Table 3 Market Trial plan: Consultation and Execution timeline**

First draft circulated to ITWG participants for review and comment	27 February 2026
Industry Testing Working Group (ITWG) – March 2026	6 March 2026
ITWG Feedback on first draft due	23 March 2026
Final version published	27 March 2026
Industry Testing Working Group (ITWG) – April 2026	8 April 2026
Industry Testing Working Group (ITWG) – May 2026	7 May 2026
Industry Testing Working Group (ITWG) – June 2026	5 June 2026
Market Trial Commencement	29 June 2026
Market Trial Go-Live Checkpoint	24 July 2026
Market Trial Ends	31 July 2026

### 2.1 SSC Market Trial objective

The objective of SSC Market trial is to:

- Validate the ability of AEMO and Participant systems to process settlements Prelim and Final statements on the shortened settlement cycle (with 9 business days payment due date after the billing period)
- Validate changes related to the new Revision 0 (RREVO) statement (20 business days)
- Validate the new Cash Dashboard and associated APIs.

# 3 Scope of Testing

The scope was agreed as part of the Strategy and feedback was discussed in the Industry Testing Working Group. The detailed scope was built by initially reviewing the changes that would be implemented from the SSC Reform commencement date.

## 3.1 Detailed scope

AEMO has determined the detailed scope of testing during Market Trial by assessing the changes implemented by SSC project in developing the Plan.

- See [SSC Tech Specs](#)
- See [Settlements Billing and Invoicing](#)
- See [aseXML r47 Schema](#) and [DM5.7](#)
- See [Cash Dashboard tech specs](#) and related [Cash Instructions API specs](#) for more details

### 3.1.1 In scope

In alignment with SSC Test Strategy, to support the SSC August 2026 rule commencement and underlying market system changes the following functionality are in scope for the Market Trial:

- **aseXML Schema R47:** Participant migration to the new aseXML schema version (B2M r47)
  - This is a prerequisite and must be completed by the participant prior to SSC Market Trial. For more information, refer to the tech specs for [aseXML r47 Schema](#)
- **Data Model 5.7:** Participant migration to DM5.7
  - This is a prerequisite and must be completed by the participant prior to SSC Market Trial. For more information, refer to the [tech specs of DM5.7](#).
- **Revision 0:** AEMO will implement a Market Trial-specific settlements calendar that introduces the new R0 revision that will be scheduled between the Final and R1 revisions. Participants will be able to view and ingest the new R0 output. Validation of MSATS screens, transactions and reports where revision 0 is added is also in scope.
- **Shortened Cycle:** To accommodate the R0 revision, the settlement cycle will progressively shorten. In production this will occur over a 10-week period which can't be replicated in the limited time available for the Market Trial. Simulation of the shortened settlement cycle during the Market Trial will be limited to reducing the final statement issue date and reducing due date for payment over 2 weeks.
- **Cash Dashboard:** Participants will be able to view their cash position and create and update instructions via the new Cash Dashboard.
  - API Testing for Cash Dashboard would also be made available for any interested participants

**Note:** Cash Dashboard will not be backdated, it will be run as at the time of the market trial (i.e. June to July), so any cash provisions entered into the Cash Dashboard will not be reflected into settlement statements (which are backdated to the March snapshot).

### 3.1.2 Out of scope

Market trial scope exclusions (as per SSC Test Strategy):

- Participants’ development activities
- Changes to participants’ supporting business systems that do not directly interact with AEMO’s market systems (i.e. back-end system). These are addressed by participant’s own test strategies.
- Any bilateral testing between participants. Participants can coordinate bilateral testing between themselves in parallel to the market trial.
- Downstream business procedures for each participant.
- Testing of agreed non-critical business processes (unless otherwise agreed by the affected participants).
- Accreditation, as there is no accreditation for SSC August 2026 release.
- There will be no tests associated with Flexible Trading Arrangements (FTA) aseXML schema changes. These changes will be present in the r47 schema, however they come into effect in November 2026. Subsequently, these changes will be tested in the FTA Release 2 Market trial which is scheduled to commence in September 2026.

## 3.2 Prerequisite activities

In advance of the Market Trial, AEMO will request that some prerequisite activities are completed by participants, see table below.

**Table 4 Timeline for completion of prerequisite activities**

Prerequisite Activity	Due Date
Training/Info Sheet/Video how to use new apps (Cash Dashboard)	Before market trial start
aseXML Schema r47 B2M upgrade (mandatory) (Schema to support RREVO)	Before market trial start
Data Model 5.7 upgrade (mandatory) (Revision 0 Statement Date support)	Before market trial start
Market Portal Access (Cash Dashboard)	Before market trial start
Data Interchange Access (Settlement Reports)	Before market trial start
Ability of participant systems to process Revision 0 (Data Setup/Code/Config changes)	Optional (dependent on participant’s testing coverage), Before market trial start
Internal AEMO: Pre-Market Trial Activities (Baseline Tests/Code Deployment/Technical Verification)	Before market trial start
Preprod Data Refresh	Before market trial start Currently planned to happen on March 2026

### 3.3 Entry criteria checklist

Participants will be asked to meet the following criteria in advance of the commencement of Market Trial:

- Prerequisite as per section 3.2
- Test data preparation (if processing statements issued by AEMO)
- Appropriately skilled resource capability available to execute and support testing.

AEMO will:

- Ensure the Pre-production environment is available and all relevant functionality is available for testing
- Setup access to market portal for registered market trial participants
- Ensure relevant Test Plan is complete, agreed and delivered to the ITWG
- Confirm participants to be ready before the commencement of the Market Trial
- Advise participants that AEMO internal testing is successfully completed to extent to support commencement of market trial
- Advise what defects are outstanding from AEMO's internal testing that could impact participant or AEMO testing in Market Trials.

### 3.4 Exit criteria

Exit criteria for the test execution phase may include:

- Successful completion of all high-priority test scenarios
- No outstanding Priority 1 or Priority 2 defects on AEMO
- Any open defects (Priority 3 or 4) have agreed resolutions or work around in place and published
- Final Test Summary Report completed
- The overall result of each phase of market testing will be one factor included in the assessment of the overall market readiness for each phase of implementation.



## 4 Test cycle approach

The Test Schedule has been developed in line with the approach that was agreed in consultation with the Industry Testing Working Group.

### 4.1 Testing timeframe

The Market Trial test period is 5 weeks running from Monday 29<sup>th</sup> June 2026 to Friday 31<sup>st</sup> July 2026.

The Market Trial will proceed with the following high-level activities:

- Prior to the 5 week testing window, AEMO will conduct an internal baseline test to confirm the Preprod Settlements system is working
- AEMO will then perform a code drop of SSC changes into Pre-production and corresponding technical verification tests will be performed
- **Week 1:** After the code drop, AEMO will conduct an internal shakeout test to confirm the Pre-production Settlements system is working with SSC changes
- **Weeks 2-5:** Market Trial with all participants (see Test Schedule below)



## 4.2 Test schedule

The Test Schedule provides an overview of the tests that will be executed by AEMO for participants to confirm the results. The main item to consider are Revision 0 output into participants data model.

There is also new timing on when final statements are issued and updated payment dates. (Timing will reduce over time in production)

Please see below weekly calendar of activities:

### Figure 1 Test schedule

Weeks based on planned **29 June 2026** start

Week 1 SHAKEOUT	Internal AEMO Shakeout test with SSC changes Kick-off Meeting with all Participants Defect Reporting and Management Procedure
Week 2 PRELIM	Post 2026 Week 10 Prelim Statement Post 2026 Week 11 Prelim Statement MSATS Screens/Reports validation (R0) / Cash Dashboard Trial via UI or API Twice-weekly Q&A Meeting
Week 3 FINAL	Post 2026 Week 10 Final Statement (reduced timing vs production – 9bd) Post 2026 Week 11 Final Statement (end state timing – 7bd) MSATS Screens/Reports validation (R0) / Cash Dashboard Trial via UI or API Twice-weekly Q&A Meeting
Week 4 REVO	Post 2026 Week 10 new Revision 0 Statement (reduced timing vs production – 12bd) Post 2026 Week 11 new Revision 0 Statement (end state timing – 9bd) MSATS Screens/Reports validation (R0) / Cash Dashboard Trial via UI or API Twice-weekly Q&A Meeting
Week 5 QUESTIONS / OPEN ISSUES	Discuss any open issues for Settlements / MSATS / Cash Dashboard Contingency for any unfinished tests Market Trial Closure Meeting

## SSC Market Trial Calendar (showing Simulated Statement Dates and Payment Dates)

Week #	Billing Week Start	Billing Week End	Prelim Issued Earlier	Final Issued Earlier	Payment Date Earlier	NEW Revision 0 Issued 20 bd
10	1-Mar-26	7-Mar-26	11-Mar-26 (3 bd)	20-Mar-26 (10 bd)  Note: the final date will progressively reduce  See <a href="#">5 Settlements, Billing, and Invoicing</a> (for production timing)	24-Mar-26 (12 bd)  Note: the payment date will progressively reduce  See <a href="#">5 Settlements, Billing, and Invoicing</a> (for production timing)	7-Apr-26
11	8-Mar-26	14-Mar-26	18-Mar-26 (3 bd)	24-Mar-26 (7 bd) – reduced end state	26-Mar-26 (9 bd) – reduced end state	14-Apr-26

### 4.3 Test scenarios

Test execution will be undertaken as follows:

- See Table 5 below for a list of test scenarios.

**Table 5 Test Scenarios**

Description
<ol style="list-style-type: none"> <li>1. Validation of earlier availability of Prelim Statement, (simulated) after 3 bd (business days)</li> <li>2. Validation of earlier availability of Final Statement (timing simulated by updated issue date in the statement) and showing updated payment date (date simulated by updated payment date in the statement)</li> <li>3. Validation of availability of NEW Revision 0 Statement, (simulated) after 20 bd</li> <li>4. Validation of MSATS Report that introduces Revision 0 values (RM30) (if available)</li> <li>5. Market Portal Testing - Cash Dashboard UI</li> <li>6. API Testing - Cash Instructions (optional)</li> </ol>
<ul style="list-style-type: none"> <li>• Execution of the testing will be undertaken according to test schedule made available as part of the preparation activities.</li> </ul>

## 4.4 Data management

Prior to this Market Trial, Pre-production environment will be refreshed using

1. AEMO retail systems production data snapshot from 18th of March 2026
2. AEMO settlement systems production data snapshot from 12<sup>th</sup> of March 2026.

The snapshots will be restored to AEMO Pre-production environment on the week of 23rd of March that will incur a week of downtime.

The ITWG group will be notified if there are any changes to the refresh approach for the pre-production environment.

## 4.5 Communication and support

Test support for the Market Trial period will be provided from Mon 29<sup>th</sup> June 2026 to Friday 31<sup>st</sup> July 2026 between 09:00 and 17:00 Hrs (AEST) on business days. AEMO will also establish direct communication channels as set out in the following sub-sections.

### 4.5.1 Twice-Weekly Q&A / Test status meetings

AEMO will establish twice-weekly Q&A meetings. Invitation to these meetings will be sent to the list of contacts provided by each organisation participating in the Market Trial.

Any participants wishing to attend the Q&A sessions can request an invitation by emailing [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au).

Each call will follow a core agenda:

- Test execution progress
- Review planned against actual progress for test execution.
- Discuss exceptions against planned execution
- Confirmation of readiness to commence scheduled tests
- Review of open defects.

### 4.5.2 Market trial report

AEMO will produce a Market Trial Report which will provide an update on the status of each test and report against the test metrics. The Market Trial Report will be circulated during the Q&A/Test Status meeting pack.

As set out in the Strategy, the test metrics are:

- Number of test scenarios executed versus the number planned.
- Number of passed test scenarios versus test scenarios executed.
- Number of failed test scenarios versus test scenarios executed.
- Number of test scenarios blocked versus test scenarios planned.
- Number of test scenarios deferred/not applicable versus number planned.
- Outstanding defects including the impact and agreed date of resolution.

- These test metrics will be used to determine the overall traffic light status for Market Trial.

### 4.5.3 Support contact details

Participants requiring support should raise issues during the Q&A meetings for market trial. In some cases, depending on the support required, a participant will be asked to raise a ticket with AEMO's Support Hub.

### 4.5.4 Communication tool

AEMO will use the NEMReform mailbox to communicate with those participants registered for the Market Trial. These communications will include, but are not limited to, planned outages, status reports, meeting invitations.

The twice-weekly meetings will be used to communicate any upcoming changes, releases or outages.

## 4.6 Defect management

The Market Trial is an opportunity for defects to be identified and closed prior to SSC Reform Commencement. Market testing defect management will be a collaborative effort, principally involving AEMO's and participants' testing teams, development teams and business analysis teams. There will, at times, be a need to consult other projects' team members for advice and assistance on the resolution of defects.

The objective of defect management is to resolve all defects within the project lifecycle. However, this objective must be balanced against other project objectives, such as achieving the schedule and the system impact and priority of the defect (discussed below). The acceptable level of defects within each stage of testing is typically defined as part of the 'exit criteria' for that stage.

AEMO will manage and report on all defects identified during test execution. Where it is determined that it is not an AEMO defect, AEMO will coordinate with market participants to obtain the status of the defect.

A template will be provided to assist participants with the creation of defects.

## 4.7 Defect management approach

### 4.7.1 Raising defects

Defects raised during the market trial or industry test will be captured in Jira and twice-weekly Q&A meeting packs, with the following information:

- Description of defect
- The test scenario and/or test script associated with the defect
- Who detected it and the date it was detected
- Defect owner (entered after gaining agreement between testing counterparties as to who owns the defect)
- Target fix date (entered by defect owner)
- Defect severity

- Defect priority
- Defect status
- Defect root cause (entered by defect owner).
- Defect assigned to (nominated AEMO representative confirmed before commencement of market trials).

For SSC implementation, the term “defect” is used broadly to include defects that would ordinarily fall outside of a narrow “IT” definition. For example:

- Information could be captured regarding lack of required support. This affects test execution from a timing perspective; and
- Testing may indicate that an automated business process needs manual intervention to work correctly and given constrained timings an automated fix cannot be developed and tested in time for go-live. Information such as this can feed into the deployment\cutover planning for go-live.

As a general principle, any information that occurs during market testing and assists with risk mitigation for the “go-live” solution may be captured.

Defect statuses and progress on defect fixes will be discussed in the twice-weekly test status meeting.

#### 4.7.2 Defect triage

Defect triage occurs during the twice-weekly test status meeting. Test scenarios or scripts that are blocked with critical or high priority defects will be discussed in the meeting. The defect owner and the target fix time will be agreed for critical and high priority defects blocking test execution.

Participants and AEMO should review defects frequently on daily basis and update the target fix date/time in Market Trial Q&A pack for everyone’s reference.

See section 4.7.6 contains a defect workflow for the testing process.

#### 4.7.3 Defect escalation

All open defects will be discussed in the twice-weekly test status meeting. If a critical/high priority defect can’t be resolved within the agreed timeframes, it can be escalated in the twice-weekly test status meeting. If required AEMO will arrange a separate defect triage meeting with the relevant participants to see that the defect is resolved quickly to progress test execution.

#### 4.7.4 Defect severity and prioritisation

Defects will be classified according to severity and where there are multiple within a severity, they will be address based on priority by the participant test leads in consultation with other affected participants, as described in Table 6. Priority will indicate the degree to which the defect affects both the system capability, testing execution and the overall project. Priority is determined by assessing probability of system and the business impacts. Tables 6 & 7 describes each priority classification.

**Table 6 Defect severity classification**

Severity	Definition
<b>1- Showstopper</b>	Defect is considered critical to business operations and/or testing. Core business and project impact.
<b>2-Major</b>	Defect is considered high impact to the business operations and/or testing. However, core business processes are still able to be completed (possibly via workarounds, etc.) and some testing is still able to continue.
<b>3-Moderate</b>	Defect is considered moderate impact to the business operations and/or testing. Core business processes are unaffected, and workarounds available, with testing still able to continue.
<b>4-Minor</b>	Defect is considered low impact to the business operations and/or testing. Core business processes are unaffected, and testing is still able to continue.

**Table 7 Defect priority classification**

Priority	Definition
<b>1- Blocker</b>	Entire functionality is blocked, and no testing can be conducted. Fix/resolution turnaround time best endeavour effort in first 4 hours or provide update on impact.
<b>2-Highest</b>	Defect is considered high impact to testing, multiple tests are blocked/failed due to the defect and no workaround is available
<b>3-High</b>	Defect is considered high impact to testing one or more tests can be linked to the defect, but workaround is available, and testing is still able to continue.
<b>4-Medium</b>	Defect is considered moderate impact to testing with one or more tests can be linked to the defect, but workaround is available and none of these tests are currently a priority.
<b>5-Low</b>	Defect is considered low impact to testing, no tests are failed or blocked due to this defect.

Post triage and acceptance of a defect, a resolution date will be added and published in the daily status report for all identified defects.

#### 4.7.5 Defect management status

Table 8 shows the valid defect management statuses

**Table 8 Defect management status**

Status	Definition
<b>New</b>	Initial defect raised but will require a triage to determine if further analysis is required and whether it is a true defect as such to move to an assigned status.
<b>Assigned</b>	Defect will be assigned to the appropriate development team to be addressed further assessed and progressed.
<b>Work in Progress</b>	This status means, a team is working on the item (analysis or fixing)
<b>Rejection Review</b>	After Triage or review by developer the defect is not considered valid the defect will be assigned to the status of 'Rejection Review' and assigned to the participant who raised the defect to accept rejection or update defect to allow it to be 'assigned'.
<b>Rejected</b>	If a participant accepts a defect is not valid, they can confirm the acceptance of the defect by changing the status to 'Rejected'.
<b>Fixed</b>	This indicates the release of the fix is ready for deployment to a test environment.
<b>Test Ready</b>	Once the fix is released to test environment successfully the status is set to 'Test Ready' and assigned to the participant who raised it.
<b>Closed</b>	If the participant (defect originator) is satisfied that the testing of the defect is successful they should update the defect



## 4.8 Suspension criteria and resumption requirements

AEMO in consultation with the ITWG will determine if a complete or partial suspension of testing is required during market testing and will also determine when testing will continue. Suspension and resumption criteria and actions are described below.

### 4.8.1 Suspension criteria

Complete or partial suspension of testing may be required if:

- High density of defects is open impacting the number of test cases that can be executed.
- High severity (i.e. showstopper) or combination of defects open.
- Significant change to specifications (delaying release of software to the pre-production).
- Quality of software (rated by number of test cases failing).

If these circumstances arise, the following actions will be taken:

- AEMO will make a recommendation to suspend the test activities in consultation with ITWG
- AEMO will advise the industry participants of the potential delays due to the test suspension, and the impact of defect / defects concerned
- AEMO and the ITWG will support and coordinate the development and test efforts to resolve the defects raised.

### 4.8.2 Resumption criteria

Test resumption can occur after the issues that caused the suspension of testing have been resolved. If these circumstances arise, the following actions will be taken:

- AEMO will inform the testing participants of the successful deployment of the defect fix(s) and its successful verification.
- AEMO will inform the testing participants that the test environment is in a suitable condition to resume the suspended testing.
- AEMO in consultation with the participant who raised the defect, will inform the participants of the impact(s) of the defect fix on the previously executed test cases and suggest if any re-execution must be done.

# A1. Test Management Activities

Table 10 below shows the activities which will occur during market testing and who is responsible for them.

**Table 10 Test Management Activities**

Activities	Description	Timing	Responsibility
<b>Prepare tests</b>	Configure test scenarios and test scripts.	Prior to the commencement of test phase execution	AEMO
<b>Identify data</b>	Identify data sets for each test scenario and confirm with testing partners.	Prior to the commencement of test phase execution	Participants, AEMO may assist if required
<b>Execute tests</b>	Individual testers to perform test execution	Daily	Participants
<b>Update progress</b>	Progressively update the status of each script tested	Daily	Participants
<b>Raising defects</b>	Raising defects from failed scripts or any other root cause	Real time immediate as soon as the script has failed.	AEMO and Participants
<b>Managing defects</b>	Review defects logged to identify major defects and determine the impact of those defects.	Daily	AEMO and Impacted Participants
<b>Retesting defects</b>	Retesting defects once they are available to testers is a priority.	Defect retests are to be completed prior to commencing new scripts.	AEMO and Participants
<b>Test phase entry</b>	Complete entry criteria checklist	Prior to the commencement of test phase execution	AEMO and Participants
<b>Test phase exit</b>	Complete exit criteria check	At the completion of test phase execution	AEMO and Participants
<b>Test status meetings</b>	Test status meeting to be attended by test representatives from all participants to discuss progress, issues and defects.	Daily (or as detailed in the Test Plan)	AEMO and Participants

## A2. Glossary

This document uses many terms that have meanings defined in the National Electricity Rules (NER). The NER meanings are adopted unless otherwise specified.

TERM	DEFINITION
<b>AEMC</b>	Australian Energy Market Commission
<b>AEMO</b>	Australian Energy Market Operator
<b>aseXML</b>	Standard developed by Australian energy industries to facilitate the exchange of information between energy industry participants using XML
<b>BD</b>	Business Days
<b>Cutover</b>	Process and steps for implementing Market Systems capability. Includes once-off data updates conducted in association with system deployments.
<b>DM</b>	Data Model
<b>Go-live</b>	System and capability available in production environment, may take place prior to commencement dates.
<b>Industry testing</b>	Informal, uncoordinated testing by participants in AEMO's IT environments. Self-testing of functionality such as connectivity, and/or coordinated multi-party testing of functional scenarios.
<b>MCL</b>	Maximum Credit Limit
<b>NEM</b>	National Electricity Market
<b>SSC</b>	Shortening the Settlement Cycle
<b>ITWG</b>	Industry testing working group
<b>Market Testing</b>	Umbrella term covering industry testing, invitation industry testing and market trial
<b>Market trial</b>	Formal, industry coordinated test activities between participants' and AEMO's IT environments. Involves coordinated multi-party end-to-end testing of business process scenarios.
<b>Participant</b>	The term 'participants' refers to all stakeholders involved in procuring, providing or other activities in the market
<b>RREVO / REVO / RO</b>	Revision 0 Settlement Statement