



Outage Management System Release Notes

June 2023

For Market Participant Testing

PURPOSE

AEMO has prepared this document to provide information about Release 5 of the Outage Management System (OMS) at the date of publication, for the purposes of Market Participant Testing.

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1. Introduction

1.1 Overview

This is the final release of the Outage Management System (OMS) for the purposes of Market Participant Testing (MPT).

The purpose of MPT is to provide access to the OMS application for Market Participants to conduct testing and integration of their business processes and IT systems with respect to Outage Management.

The purpose of these Release Notes is primarily to make Market Participants aware of the functionalities provided by the system such that they can be tested accordingly.

1.2 Documentation

A draft OMS User Guide has been published and should be read in conjunction with these release notes.

This documentation and additional resources are available on the Reformer.

2. Release One Features

Release 1 of the Outage Management System includes but is not limited to the following features:

Table 1 Release 1.0 Features

Title	Description
Outage Management Interface	The interface to view a list of submitted outages, apply filters to search for outages with a specific criterion, submit all types of outages and manage outages.
Outage Submissions	Planned, Opportunistic and Forced Outage submission using the User Interface.
Outage Validations	Timing and entry validations based on the WEM Rules.
Outage Revisions	The ability to revise submitted outages respecting the WEM Rules.
Outage Withdrawals	The ability to withdraw (cancel) submitted outages respecting the WEM Rules.
Outage Auto-Rejection	Time based auto-rejection of Planned and Opportunistic outages based on the WEM Rules.

3. Release Two Features

Release 2 of the Outage Management System includes but is not limited to the following features (in addition to what is provided from Release 1):

Table 2 Release 2.0 Changes

Title	Description
Network Operator Integration (API)	Integration with the Network Operator for Submission/Revision/Withdrawal of Network Operator Outages using API end points.
Market Participant Forced Outage API	An API end point to allow for the submission of Forced Outages in bulk (to replace the current csv functionality that exists in the SM MPI today).
Reporting API	An API end point to query Outage records based on certain search parameters.
Overlapping Outage Validation	Validation of overlapping outages and Remaining Available Capacity in relation to new Outage Submissions, Outage Revisions and Outage Withdrawals.
Outage Revision Validation	Validation of Outage Revisions as prescribed in section 3.18D of the WEM Rules.

4. Final Release (Release Five) Features

The final release of the Outage Management System includes but is not limited to the following features (in addition to what is provided from Release 1 and 2):

Table 3 Final Release Changes

Title	Description
Notifications	Issuance of email notifications for Submission/Revision/Withdrawal of Market Participant and Network Operator Outages
Public Data Site Reports	Periodic data sets published to public website: <ul style="list-style-type: none">• Real-time Outages (Market Participant and Network Operator Outages)• STEM Capacity Adjusted Outage Quantities

5. Market Participant Testing

AEMO will provide dedicated support for Market Participant Testing of the OMS for a period of 3 weeks after initial release. Requests for support may be directed to wa.operations@aemo.com.au.

Please note that the Standing Data used for Market Participants consists of mock data which may or may not accurately represent Facility configurations. This will persist until the Outage Management System is integrated with the Registration System.

AEMO encourages Market Participants to:

- Submit Forced Outages via the API.
- Submit overlapping Outages.
- Revise Outages (with respect to validation rules as per section 3.18D of the WEM Rules).
- Query the reporting API end point to retrieve Outages for varying search parameters.

AEMO encourages the Network Operator to:

- Submit/Revise/Withdraw Outages over a complete lifecycle.
- Query the reporting API end point to retrieve Outages for varying search parameters.

Note: If there are any specific scenarios that are to be tested and require AEMO to the Outage status to Rejected, Approved or Requires more Info, please detail in the Outage description.