

Outage Intention Plans Release Notes

December 2024





Important notice

Purpose

The Australian Energy Market Operator (AEMO) has prepared this document to provide information about the Outage Intention Plans release as at the date of publication.

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Version control

Version	Release date	Changes
#1.0	12/12/2024	Publication for Outage Intention Plan (OIP) user interface Market Trial release

Document approval

Name	Position	Date
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1 Introduction

1.1 Overview

These are the release notes for the Outage Intention Plan (OIP) user interface in WEMS MPI.

1.2 Supporting documentation

The WEMS MPI User Guide¹ has been updated and should be read in conjunction with these release notes.

1.3 Version summary

The changes in versions post deployment of this release are summarised in Table 1.

To view the current application versions, please navigate to **Help > About** in the MPI.

Table 1 **Version summary**

Application	Current version	New version
Outage Intention Plans		

1.4 Terms and abbreviations

The terms and abbreviations used in this document are outlined in Table 2.

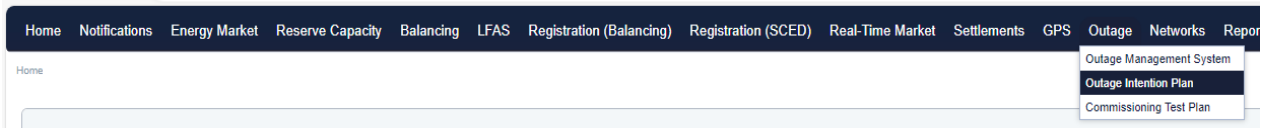
Table 2 Terms and abbreviations

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
OIP	Outage Intention Plan
MPI	Market Participant Interface
WEMS	Wholesale Electricity Market System

2 Outage Intention Plan User Interface

2.1 New Menu Option

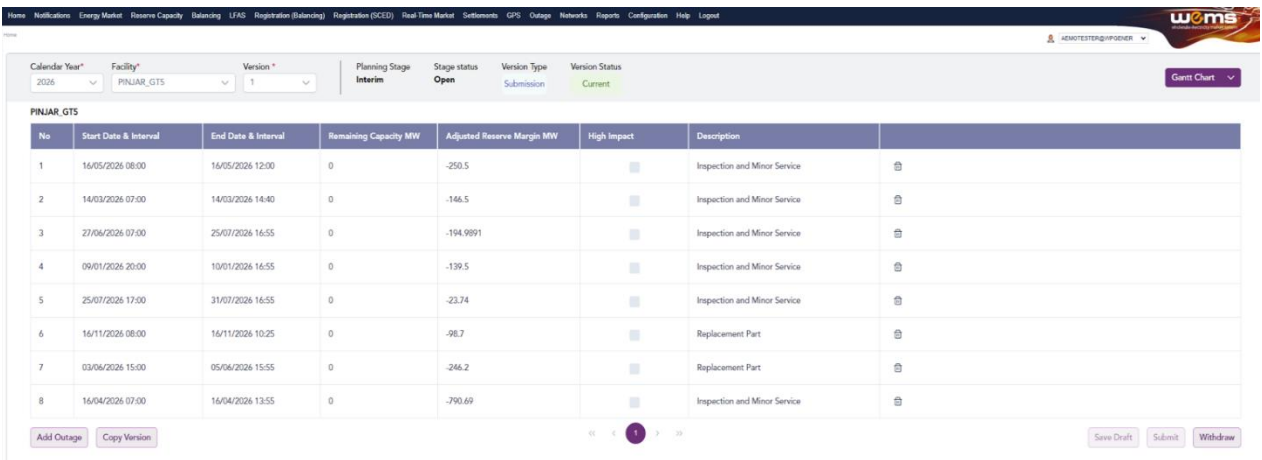
Figure 1 Outage Intention Plan Menu Option



The WEMS MPI main menu contains a new option to launch the Outage Intention Plans user interface. This interface enables Market Participants to formalise and submit their intended outages for the following Calendar Year on an annual basis.

2.2 Landing Page

Figure 2 Outage Intention Plan Management



This option will take the user to the Outage Intention Plan Management screen. From here the user will be able to formalise Outage Intention Plans for all Facilities under current ownership of the Market Participant they represent.

The UI defaults to the current Planning Stage (*Interim / Final*) as defined in the WEM rules for the next Calendar Year, though it will be possible to edit and submit Outage Intention Plans for the next two Calendar Years.

From this screen, providing the Planning Stage is not in a 'locked' period, the user can:

- Add or Delete intended Outages from the Outage Intention Plan;
- Save the Outage Intention Plan as a Draft;
- Submit the Plan to AEMO once it is completed;
- Withdraw the Outage Intention Plan.

There is also a button that allows the user to:

- View all submitted Outage Intention Plans for the Calendar Year in Gantt chart format;
- View the Network Operator’s Outage Intention Plans for the Calendar Year.

2.3 Add Intended Outage

Figure 3 Add Intended Outage UI

The screenshot shows a modal window titled "Add Intended Outages" with a close button (X) in the top left corner. The form contains the following fields and controls:

- Start Date / Dispatch Interval *** (with an information icon): A date-time input field containing "09/06/2026 00:00" and a calendar icon.
- End Date / Dispatch Interval *** (with an information icon): A date-time input field containing "30/06/2026 00:05" and a calendar icon.
- Minimum Reserve Margin (MW) *** (with an information icon): A numeric input field containing "65.1".
- Remaining Capacity (MW) *** (with an information icon): A numeric input field containing "0".
- Adjusted Reserve Margin (MW) *** (with an information icon): A numeric input field containing "-370.7".
- High Impact** (with an information icon): A checked checkbox.
- Description *** (with an information icon): A text area containing "Major Outage".

At the bottom right of the form are two buttons: "Cancel" and "Add".

The **Add Intended Outages** screen allows each Intended Outage to be added to the Plan. Details required are just the Outage Period (*Start and End Intervals*), the Remaining Available Capacity for the Facility, a flag to indicate High Impact and a Description of the outage.

The UI will also determine and display the lowest Reserve Margin for any one day in the Outage Period from the most recent MT PASA report. When the Remaining Capacity is entered, the adjusted Reserve Margin for that day is recalculated (using the MT PASA calculation formula) and displayed.

2.4 View Consolidated Plans (Generators)

2.4.1 Generator Component

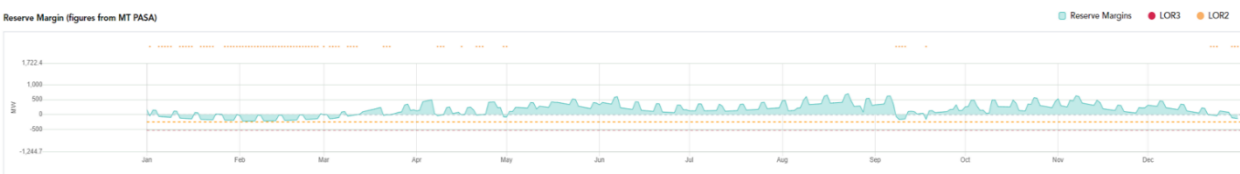
Figure 4 Consolidated Outage Intention Plans (Generator)



The **Generator Gantt chart** displays all Outages for each Facility across the Calendar Year. There is also an option to zoom into each month to view the intended Outage schedule in more detail. This screen also highlights days in the Calendar Year that the most recent MT PASA report is flagging as a possible Low Reserve Margin.

2.4.2 Reserve Margin Component

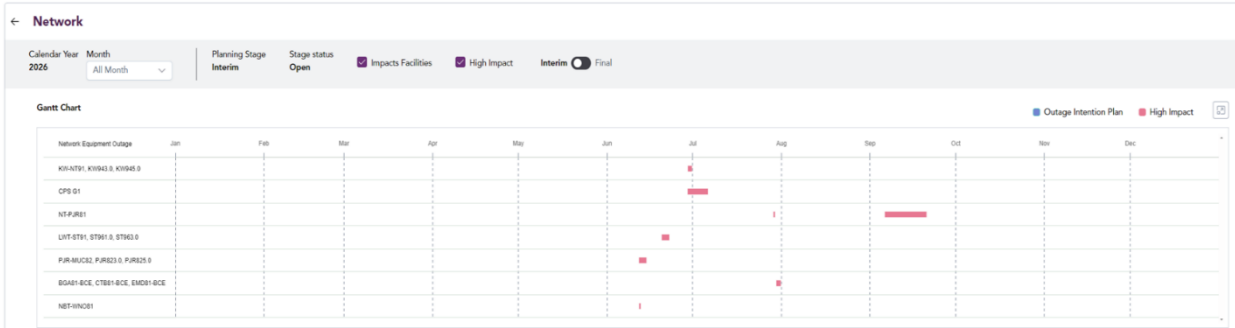
Figure 5 View Reserve Margin



The **View Reserve Margin** section is displayed underneath the Gantt chart and shows the actual Reserve Margin values forecast for the relevant Calendar Year / Month.

2.5 View Consolidated Plans (Network)

Figure 6 Consolidated Outage Intention Plans (Network)



The **Network Gantt Chart** shows all Intended Outages on the Network Operator’s Outage Intention Plan, grouped by Equipment items, across the Calendar Year. There is also an option to zoom into each month to view the intended Outage schedule in more detail.

The UI allows the user to select only Network Outages that have been flagged as High Impact or Impacting specified Facilities. Hovering over the Outage bar will display the full Outage details, including the Facility Name if one was specified.