

EMMS Release Schedule and Technical Specification – November 2021

0.01 July 2021

Pre-production: Early November 2021

Production: Late November 2021

Release series: EMMS1121

Important Notice

PURPOSE & AUDIENCE

This document describes the technical changes required to participant's systems for the AEMO Release Schedule - November 2021 (Release). The Australian Energy Market Operator (AEMO) provides this information as a service targeting business analysts and IT staff in participant organisations. It provides guidance about the changes to their market systems under the National Electricity Rules (Rules), as at the date of publication.

HOW TO USE THIS DOCUMENT

- If you have questions about the business aspects of these changes, please see Consultations on AEMO's website.
- The references listed throughout this document are primary resources and take precedence over this document.
- Unless otherwise stated, you can find resources mentioned in this guide on AEMO's website.
- **Text in this format** is a link to related information.
- **Text in this format**, indicates a reference to a document on AEMO's website.
- **Text in this format** is an action to perform in the Markets Portal.
- This document is written in plain language for easy reading. Where there is a discrepancy between the Rules and information or a term in this document, the Rules take precedence.
- Rules Terms have the meaning listed against them in the **National Electricity Rules** (Rules).

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DOCUMENT IDENTIFICATION

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VERSION HISTORY

0.01 Initial creation for Intermittent Generation Web Portal and API Uplift project

DOCUMENTS MADE OBSOLETE

The release of this document changes only the version of EMMS Release Schedule and Technical Specification – November 2021.

SUPPORT HUB

To contact AEMO's Support Hub use **Contact Us** on AEMO's website or Phone: 1300 AEMO 00 (1300 236 600) and follow the prompts.

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1. Introduction

The November 2021 Release (Release) is part of the Intermittent Generation Web Portal and API Uplift project (Project) and includes changes related to participants' IT systems. This technical specification describes the projects planned by AEMO from a participant perspective.

1.1 Audience

AEMO provides this information as a service targeting the below audience in participant organisations:

1. The primary audience is the business analysts and IT staff in the participant organisations implementing and maintaining Data Interchange environments.
2. The secondary audience is Participant Administrators providing rights to their Participant User to access AEMO's systems.

1.2 Schedule

Scheduled for implementation in:

- Pre-production: Early November 2021
- Production: Late November 2021

1.3 Approval to change

The changes are the result of feedback received from participants through the Intermittent Generator Forums. There is no approval or agreement to change required from participant change controllers for this Release.

1.4 Status

This technical specification is for information only. We will provide further details as the design progresses.

If you have any questions, please send feedback to SupportHub@aemo.com.au.

1.5 Proposed timeline

AEMO is consulting on the Release dates and will advise firm dates closer to the release dates.

Milestone	Date	Description
Revised Technical Specification	August 2021	Further details of the changes to assist IT staff with their technical implementation.
Pre-production Data Model release	16 August 2021	Participant Data Model scripts released. For more details, see the IT change and release management > Release Schedule, NEM, EMMS > EMMS Release Schedule and Technical Specification– October 2021.
Production Data Model release	October 2021	Participant Data Model scripts deployed in PROD.
Pre-production implementation	Early November 2021	AEMO implements components of the Release to pre-production for participant verification. The verification period begins for participants.
Production implementation	Late November 2021	AEMO implements the production release.
Production systems available	Late November 2021	Production systems available to participants

2. Intermittent Generation Web Portal and API Uplift Project

This project includes the following changes:

- Intermittent Generation web application - The Intermittent Generation web application in AEMO's Markets Portal is updated to a new design, making it easier for participants to use. This update includes the display of forecasts and the entry of availability information.
- JSON API replaces aseXML availability file submission- JSON-based web APIs replace the Participant file server interface (aseXML) interface used to submit availability.

Note that aseXML file submission will continue to be made available for participants during a transition period of 6 months post Production implementation in late November 2021. That is, till May 2022.

AEMO strongly urges all participants to migrate to the API interface within this timeframe to ensure a smooth transition.

- Data Model changes - The data model version 5.1 release includes this project's Data Model changes. But the tables will be populated only when the project goes into production in late November 2021.

The changes include a new field ELEMENTS_AVAILABLE added to MMS Data Model table - INTERMITTENT_CLUSTER_AVAIL .

For more details, see [IT change and release management](#) > Release schedules > National Electricity Market (NEM) > Energy Market Management System (EMMS) > EMMS Release Schedule and Technical Specification– October 2021.