EMMS - Technical Specification – 21 April 2026

1.01 February 2026

Production: Tuesday 21 April 2026 (TBC)

No Pre-Production

Important notice

Purpose & audience

This document describes the technical changes required to participant's systems for the EMMS - Technical Specification – 28 January 2026 (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. Some links require access to MarketNet.
- **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.
- Glossary Terms are capitalised and have the meanings listed against them in the Glossary.
- Rules Terms have the meaning listed against them in the **National Electricity Rules** (Rules).

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Distribution

Available to the public.

Document Identification

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Version History

1.01 Initial creation

Documents made obsolete

The release of this document changes only the version of EMMS - Technical Specification – 21 April 2026.

Support Hub

To contact AEMO's Support Hub use Contact Us on AEMO's website or for urgent matters phone: 1300 AEMO 00 (1300 236 600.

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1 Introduction

1.1 Audience

AEMO provides this information as a service targeting business analysts and IT staff in Registered Participant companies.

The primary audience for this technical specification is:

- Participants using NEMWeb

1.2 Objective

The EMMS - Technical Specification – 21 April 2026 describes the projects planned by AEMO from a participant perspective and includes any system related changes for participants.

1.3 Status

Version	Status
1.01	Updated version introducing a new patch to pdrBatch and NEMWeb transition to HTTPS.
1.00	Updated version based on the updated requirements and design. We expect changes to the design while development and testing are in progress.
0.01	**Initial Draft for review.** Presents the EMMS - Technical Specification – 21 April 2026 evolving design. **Please send feedback to** Contact Us. In the **Details of your enquiry** section, mention the EAS Knowledge Management team as the Resolver group.

1.4 Release dates

Scheduled for implementation in:

- Pre-production: No pre-production
- Production: Tuesday 21 April 2026 (TBC)

1.5 Projects and enhancements

Changes and enhancements for this Release include:

No.	Functionality	Change	Affected interface	Reference
1	pdrBatcher	pdrBatcher	Data Interchange	pdrBatcherHomehttps://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/data-nem/market-data-nemweb
2	NEMweb Public website	URL change	NEMweb	https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/data-nem/market-data-nemweb
3	NEMweb Public website	Platform migration	NEMweb	https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/data-nem/market-data-nemweb
4	NEMweb Public website	Report management framework	NEMweb	https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/data-nem/market-data-nemweb

1.6 Rule and procedure changes

The following rules and procedures take precedence over technical specifications and guides.

Title
N/A

1.7 Related technical specifications

Title	Description
N/A	N/A

1.8 Related documents

Once published, these resources take precedence over this technical specification

Title	Description
Data Interchange Online Help	Information on pdrBatcher

1.9 Approval to change

There is no approval or agreement to change required from participant change controllers for this release.

1.10 Market systems user group meetings

The Market Systems User Group (MSUG) is an industry user group established to discuss NEM wholesale and retail IT systems releases. Its purpose is to facilitate the continuing improvement of AEMO's IT systems by seeking feedback and collaboration from participants.

MSUG meetings are open to all interested parties, with invitations sent to all included on the distribution list. If you have a technical question for a project and want to attend the MSUG ask your company's support team to include your email address in their **AEMO Help Desk Bulletin (CRM)** distribution list.

1.11 Version numbers

AEMO releases new versions of this document as the technical requirements are streamlined.

Incremental version numbers such as 1.01, 2.01 and so on mean there is a minor change to the technical specification.

Major version numbers such as 1.00, 2.00 means there are substantial changes to the technical specification. Participants must carefully review these changes, detailed below.

1.12 Changes in this version

- Updates to release dates in **Proposed Timeline**
- URL change on Tuesday 7 April 2026
- New pdrBatcher patch available on Monday 26 February
- Updates to NEMweb site banner

2 Proposed Timeline

The dates for the Market System User Group Meetings (MSUG) are tentative. We will provide an invitation one week prior to the meeting.

Milestone	Date	Description
Approval required	N/A	Final date for participant approval of this Release
Revised Technical Specification	Thursday 19 February 2026	AEMO releases new versions of this document as the technical requirements are streamlined. During the project this document is the source of truth From the production release, the technical specification becomes final and the **related documents** become the source of truth **Technical Specification Portal**
Related Documents publication	Tuesday 21 April 2026 (TBC)	Release of guides and resources mentioned in Related on page 3
Next MSUG meeting	Thursday 19 February 2026	Market Systems User Group Meeting (MSUG) to review the technical specification and ask AEMO technical SMEs questions This date is tentative. The Knowledge Management Team provides the invitation prior to the meeting
Pre-production refresh	13 April 2026 – 17 April 2026	Refresh of the pre-production system with data refreshed from the production system. An outage of up to five days can occur to the pre-production environment during this period. Participant access is not restricted, however, AEMO do not guarantee the pre-production data content or system availability. During the refresh, access to other AEMO systems such as AWEFS, EMMS, OPDMS, and STTM may be intermittently affected
Pre-production implementation	N/A	AEMO implements components of the Release to pre-production for participant testing AEMO has full access to the system during this period Participant access is not restricted; however, the data content or system availability is not guaranteed

Milestone	Date	Description
Pre-production available	N/A	Testing period begins for participants
Participant Testing	N/A	Unstructured participant testing in the pre-production environment
Production implementation	Wednesday 14 April 2026	AEMO implements the release to production
Production systems available	Tuesday 21 April 2026 (TBC)	Production systems available to participants
Decommissioning HTTP support	Tuesday 7 April 2026	See **Decommissioning HTTP support**
pdrBatcher v7.6.1 patch	Thursday 26 February 2026	See **Updated pdrBatcher**
Report Management Framework phase 1	Thursday 19 February 2026	Discontinuation notice
Report Management Framework phase 2	TBC	Legacy access period
Report Management Framework phase 3	TBC	Report retirement

3 Participant Impact

Key impacts for Participants:

Milestone	Details	Description
Decommissioning HTTP	Switch all links, scripts and tools to HTTPS Continuing to use HTTP blocks connections and prevents downloads	Final date for participant approval of this Release
pdrBatcher	Install the updated pdrBatcher patch introducing case sensitive URLs	AEMO releases new versions of this document as the technical requirements are streamlined. During the project this document is the source of truth From the production release, the technical specification becomes final and the **related documents** become the source of truth **Technical Specification Portal**
Manage discontinued reports	Review the list of discontinued reports and replacement reports published. Update any data feeds, scripts, or tools to use the replacement reports where available. See **Report Management Framework**.	Phase 1 - Thursday 19 February 2026 Phase 2 – TBC Phase 3 - TBC

4 NEMWeb Platform Migration

4.1 Goal

We are migrating the platform supporting NEMWeb on Tuesday 21 April 2026 (TBC). While we aim to make these updates seamlessly, you may notice a brief service interruption on the day of the migration.

4.2 URL change

To improve platform security, all existing connections using HTTP must switch to HTTPS. See **Decommissioning HTTP support**.

4.3 Case sensitive URLs

The NEMWeb platform migration introduces case-sensitive URLs for accessing data. We are not changing any report names or cases but enforcing case sensitivity. Update any tools or scripts that do not preserve file name case, so they keep working after the transition. A patch for pdrBatcher v7.6.1 supporting case-sensitive URLs is available on Thursday 26 February 2026. See **Updated pdrBatcher**.

4.4 High-level changes

Function	Description	Reference
pdrBatcher	New patch to support case-sensitivity	**pdrBatcherHome**
NEMWeb public website	URL change from HTTP to HTTPS	**https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/data-nem/market-data-nemweb**
Report management framework	Discontinuing outdated and superseded reports from NEMWeb	**https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/data-nem/market-data-nemweb**

5 Decommissioning HTTP support

To improve platform security, NEMWeb switches to HTTPS on Tuesday 7 April 2026. All existing connections using HTTP must switch to HTTPS.

Existing URL	New URL
http://nemweb.com.au/Reports	https://nemweb.com.au/Reports
http://nemweb.com.au/Reports/Current/Billing/	https://nemweb.com.au/Reports/Current/Billing/

5.1 What you need to do

Switch all links to HTTPS by Tuesday 7 April 2026. If any scripts, tools, or bookmarks still use http:// change them to https:// so they continue to work when HTTP is retired.

5.2 Impact if you do not change

If you continue using HTTP after Tuesday 7 April 2026, your requests will block and downloads fail.

6 Updated pdrBatcher

A patch for pdrBatcher v7.6.1 supporting case-sensitive ULRs is available on Thursday 26 February 2026. Apply this patch to keep automated downloads working during and after the transition.

6.1 What you need to do

- If you use pdrBatcher v7.6.1 to download from NEMWeb, apply the new patch when it is published on Thursday 26 February 2026. AEMO sends a notification email once the patch is available.
- If you are using an earlier version of pdrBatcher, you must:
  - Upgrade to pdrBatcher v7.6.1
  - Apply the pdrBatcher v7.6.1.x patch published on Thursday 26 February 2026. More details of the patch version and implementation instructions are published on the day.
- Update any other tools or scripts that do not preserve the exact case of NEMWeb filenames, so they fetch files using the correct filename case after the platform transition.

Update your configurations to use HTTPS before upgrading your pdrBatcher application.

6.2 Impact if you do not change

Older pdrBatcher versions will not reliably download files after the NEMWeb platform transition.

Note: This patch is only for pdrBatcher v7.6.1.

7 Report Management Framework (post-production)

We introduce a new three-phase framework to identify and discontinue:

- Superseded reports on NEMWeb. These are reports replaced by another, preferred report.
- Outdated reports on NEMWeb. These are reports not maintained in line with the latest market rules or where the original need for the report does not exist.

This process is effective after the production date Tuesday 21 April 2026 (TBC).

7.1 Phase 1 – Discontinuation notice

We publish the reports planned for discontinuation, together with their replacement reports (where applicable). See **Discontinued reports**. Review the information and update your systems, scripts and data feeds to point to the preferred replacement report.

7.2 Phase 2 – Legacy access period

After the NEMWeb platform migration production date, we will publish the discontinued report relocation date. On this date:

- The **Discontinued reports** are moved from its current NEMWeb location to a legacy subfolder under **https://nemweb.com.au/Reports/**.
- Access to the report through the original URL is no longer available. However, you can continue to access the discontinued reports from the legacy subfolder location.

If you have not made the changes in phase 1, any data feeds still pointing to the original URL will stop working.

A six-month legacy access period applies from the report relocation date. During this period, you can continue to access the discontinued reports from the legacy subfolder location. We provide a mapping of the original URLs to the legacy URLs in a future release of this technical specification.

7.3 Phase 3 – Report retirement

At the end of the legacy access period, **Discontinued reports** are permanently removed from NEMWeb. We will send regular reminder notices during the legacy access period to support participants in completing their transition before removal.

8 Discontinued reports

Report	Comment
Adjusted_Prices_Reports	Superseded by DISPATCHIS_PRICE_REVISIONS
Bidmove_Summary	Superseded by Bidmove_Complete
Billing	Outdated
Causer_Pays	Superseded by FPP
Causer_Pays_Elements	Superseded by FPP
Causer_Pays_Rslcpf	Superseded by FPP
Causer_Pays_Scada	Superseded by FPP
CSC_CSP_ConstraintList	Outdated
CSC_CSP_Settlements	Outdated
Daily_Reports	Superseded by FPP
Dispatch_Reports	Superseded by NEXT_DAY reports
DWGM	Outdated
Gas_Supply_Guarantee	Outdated
Next_Day_Offer_Energy	Superseded by Next_Day_Offer_Energy_SPARSE
Next_Day_Offer_FCAS	Superseded by Next_Day_Offer_FCAS_SPARSE
Next_Day_Trading	Superseded by Next_Day_Dispatch
PasaSnap	Outdated
Predispatch_Reports	Outdated
PublishedModelDataAccess	Outdated
Reserve_Contract_Recovery	Outdated
SupplyDemand	Outdated
Weekly_Bulletin	Outdated
Yesterdays_Bids_Reports	Superseded by Next_Day_Offer_Energy_SPARSE
Yesterdays_MNSPBids_Reports	Superseded by Next_Day_Offer_Energy_SPARSE

9 Site banners

A banner is displayed on the NEMWeb homepage to notify you of upcoming changes or outages. This banner provides a summary of the update, a link to this technical specification and directs you to the Support Hub for assistance.

10 FAQs

TBC

11 Implementation

11.1 Transition

See **Report Management Framework**

11.2 Upgrading

Install the updated pdrBatcher patch introducing case sensitive URLs

11.3 Implications

Participants must update systems, scripts, or automated data feeds to ensure continued access to NEMWeb data. For details on implications, See **Participant Impact**.

11.4 Risks

Short outage to NEMWeb on Wednesday 28 January 2026 (TBC).

12 Terms

12.1 Rules Terms

You can find the following terms defined in the **National Electricity Rules (NER)**

Term
AEMO
AEMO Markets Portal
AEMO Website
Allocated Units
APA
Auction
Auction Participant
Auction Rules
Average cancellation price
Average purchase price
Bid File
Cancelled Units
Cancelled volume
Cash Security
Confidential Information
Directional interconnector
Linked Bid
Market Clearing Price
Market Participants
Maximum Units

12.2 Glossary

You can find a full list of AEMO glossary terms in **Industry Terminology** on AEMO's website.

Abbreviation/Term	Explanation
EMMS	Electricity Market Management System; software, hardware, network and related processes to implement the wholesale energy market

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