Release Notes: Real-Time Market Submissions 2.4 and UI 2.4

September 2026

Important notice

PURPOSE

The Australian Energy Market Operator has prepared this document to provide information about Real-Time Market Submissions Version 2.4 and Real-Time Market Submissions UI 2.4 as at the date of publication.

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Document version control

Version	Release date	Changes
1.0	21/08/2026	Initial Release

Document approval

Name	Position	Date
Nicholas Nielsen	Manager, WA Real-Time Market Monitoring	21/08/2026

Contents

1 Introduction

1.1 Overview

These release notes outline the updates included in the Real-Time Market Submissions Version 2.4 and Real-Time Market Submissions UI Version 2.4 release. This release implements DSP-related changes in the Electricity System and Market (Tranche 9) Amending Rules commencing on 1 October 2026. This release also contains updates to the data archival strategy delivered in the last release.

Key changes in this release include:

- Field name change for Demand Side Programme (DSP) Profile Submissions as part of the DSP changes coming into effect on 1st October 2026;
- Enabling bidirectional Submissions to accommodate both Withdrawal and Injection scenarios;
- Removal of the word 'Withdrawal' across the UI and APIs when referencing Demand Side Programmes, also as part of the DSP changes; and
- Automation for the data archival delivered as part of the RTMS Enhancements Project, focused on increasing performance, stability, and maintainability.

The sections below provide further detail on the key changes introduced in this release.

1.2 Terms and abbreviations

The terms and abbreviations used in this document are outlined in Table 1.

Table 1 Terms and abbreviations

Abbreviation	Expanded name
RTMS	Real Time Market Submissions
UI	User Interface, referring to the RTMS UI in WEMS MPI
WEMS MPI	Wholesale Electricity Market System Market Participant Interface; The online portal where Market Participants can make and view Submissions
API	Application Programming Interface; A mechanism for Market Participants to make and view Submissions
DSP	Demand Side Programme

Abbreviation	Expanded name
DSP Profile Submission	An electronic Submission containing the constrained and unconstrained values for a Demand Side Programme made through WEMS API or the associated APIs

2 Updates In This Release

2.1 DSP Changes

2.1.1 DSP Profile Submission Field Name Change

For Market Participants who have a registered Demand Side Programme (DSP), the following DSP Profile Submission field names have been updated:

- *dspConstrainedWithdrawalQuantity* to *dspConstrainedQuantity*
- *dspUnconstrainedWithdrawalQuantity* to *dspUnconstrainedQuantity*

The new field names will apply from 1 October 2026. The previous field names will continue to be accepted for backward compatibility; however, Market Participants are encouraged to adopt the new field names as soon as practicable.

Figure 1 Pre-Deployment example


```
"variation": {
  "comment": "Example Submission Comment",
  "submissionCode": "OTHER",
  "submissionReason": "Example Submission Reason",
  "tradingDays": [
    {
      "dateFrom": "2026-09-30",
      "dateTo": "2026-09-30",
      "energy": {
        "facilities": [
          {
            "facilityCode": "FACILITY_CODE",
            "dispatchIntervals": [
              {
                "dispatchIntervalFrom": 1,
                "dispatchIntervalTo": 288,
                "dspUnconstrainedWithdrawalQuantity": 10,
                "dspConstrainedWithdrawalQuantity": 10
              }
```


Figure 2 Post-Deployment example


```
"variation": {
  "comment": "Example Submission Comment",
  "submissionCode": "OTHER",
  "submissionReason": "Example Submission Reason",
  "tradingDays": [
    {
      "dateFrom": "2026-10-01",
      "dateTo": "2026-10-01",
      "energy": {
        "facilities": [
          {
            "facilityCode": "FACILITY_CODE",
            "dispatchIntervals": [
              {
                "dispatchIntervalFrom": 1,
                "dispatchIntervalTo": 288,
                "dspUnconstrainedQuantity": 10,
                "dspConstrainedQuantity": 10
              }
```

2.1.2 Bidirectional Submissions

DSP Profile Submissions now support negative quantity values, enabling bidirectional Submissions to accommodate both Withdrawal and Injection scenarios. Market Participants must not submit negative quantities (indicating Injection) for Trading Days before the Electricity System and Market Rule changes take effect on 1 October 2026.

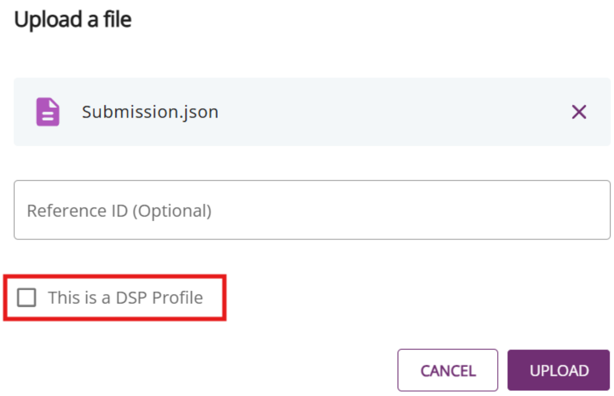
Figure 3 Example of a Bidirectional Submission with an Injection Quantity

```
"variation": {
  "comment": "Example Submission Comment",
  "submissionCode": "OTHER",
  "submissionReason": "Example Submission Reason",
  "tradingDays": [
    {
      "dateFrom": "2026-10-01",
      "dateTo": "2026-10-01",
      "energy": {
        "facilities": [
          {
            "facilityCode": "FACILITY_CODE",
            "dispatchIntervals": [
              {
                "dispatchIntervalFrom": 1,
                "dispatchIntervalTo": 288,
                "dspUnconstrainedQuantity": -10,
                "dspConstrainedQuantity": -10
              }
```

2.1.3 UI updates

Minor user interface updates have been made to various screens to remove references to ‘Withdrawal’ and align terminology with the updated field names.

Figure 4 Example of one UI screen that has removed 'Withdrawal'



2.2 Data Archival

The data archival process for RTMS data introduced in the previous release has now been fully automated, streamlining system operations and reducing manual intervention. This internal improvement does not require any action from Market Participants.

3 External Impacts

The below table outlines potential impacts of the above changes that Market Participants should be aware of.

Table 1 Items in Scope

Scope Item	Status	Summary
Field name change for DSP Profile Submissions	●	Field names have been updated from dspConstrainedWithdrawalQuantity and dspUnconstrainedWithdrawalQuantity, to dspConstrainedQuantity and dspUnconstrainedQuantity respectively.
UI screens update	●	Remove any reference to 'Withdrawal' when referencing DSPs on the UI.
Bidirectional Submissions	●	Bidirectional Submissions will now be accepted for Injection quantities.
Automated RTMS data archive	●	Fully automated data archival, no impact to Market Participants.

Table 2 Status Legend

Status
● Internal AEMO changes. No impact to Market Participants.
● Additional functionality. Market Participants awareness only.
● Change to Market Participant functionality. Needs Market Participant attention.

Requests for support may be directed to wa.rtm@aemo.com.au.