

Release Notes: RTMS Version 2.1.330

May 2024





Important notice

PURPOSE

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

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Document version control

Version	Release date	Changes
1.0	22/05/2024	Initial Issue

Document approval

Name	Position	Date
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1 Introduction

1.1 Overview

These are the release notes for the RTMS Deployment to implement Consolidated Submissions for RTMS Version 2.1.330.

The changes introduced in this release are described in the sections below.

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
DI	Dispatch Interval
API	Application Programming Interface
RTMS	Real-Time Market Submission



2 Submission Consolidation and RTMS Consolidated API result [RTMS-8]

Where a Market Participant makes a Real-Time Market Submission (RTMS), the RTMS will be analysed and consolidated for data that is identical for multiple Dispatch Intervals. Where an RTMS contains multiple Dispatch Interval blocks containing identical data, this will be compressed into one block that covers all relevant Dispatch Intervals.

When a Market Participant calls the RTMS Consolidated API endpoint (<https://apis.prod.aemo.com.au:9319/WEM/v1/realTimeMarketSubmission/consolidated/>) the result previously would return a facility's RTMS for a full Trading Day, in the same format it was submitted in. After this change, the Consolidated API will return the facility's RTMS for a full Trading Day in the compressed format.

This change is being implemented to support RTMS and WEMDE Processing Performance.

Submission:	Consolidated API result Before :	Consolidated API result After :
<pre> "dispatchIntervalFrom": 1, "dispatchIntervalTo": 1, "unconstrainedInjectionForecast": 100, "unconstrainedWithdrawalForecast": 0.0, "maxInjectionCapacity": 100.0, "maxWithdrawalCapacity": 0.0, "inflexibleFlag": "NO", "maxUpwardRampRate": 10.0, "maxDownwardRampRate": 10.0, "tranches": [{ "tranche": 1, "fuelType": "NON-LIQUID", "quantity": 100.0, "price": 100, "capacityType": "IN-SERVICE", "noticeTime": 0 }] }, { "dispatchIntervalFrom": 2, "dispatchIntervalTo": 2, "unconstrainedInjectionForecast": 100, "unconstrainedWithdrawalForecast": 0.0, "maxInjectionCapacity": 100.0, "maxWithdrawalCapacity": 0.0, "inflexibleFlag": "NO", "maxUpwardRampRate": 10.0, "maxDownwardRampRate": 10.0, "tranches": [{ "tranche": 1, "fuelType": "NON-LIQUID", "quantity": 100.0, "price": 100, "capacityType": "IN-SERVICE", "noticeTime": 0 }] } </pre>	<pre> "tradingDay": "xxxx-xx-xx", "dispatchIntervalNo": "1-1", "dispatchIntervalTimeFrom": "08:00", "dispatchIntervalTimeTo": "08:05", "unconstrainedInjectionForecast": 100, "unconstrainedWithdrawalForecast": 0, "maxInjectionCapacity": 100, "maxWithdrawalCapacity": 0, "inflexibleFlag": false, "maxUpwardRampRate": 10, "maxDownwardRampRate": 10, "fsip": null, "tranches": [{ "tranche": 1, "price": "100", "quantity": 100, "noticeTime": 0, "capacityType": "IN-SERVICE", "fuelType": "NON-LIQUID" }] }, "submissionType": "XXXXXX", "submissionDateTime": "xxxx-xx-xxTxx:xx:xx+08:00" }, { "tradingDay": "xxxx-xx-xx", "dispatchIntervalNo": "2-2", "dispatchIntervalTimeFrom": "08:05", "dispatchIntervalTimeTo": "08:10", "unconstrainedInjectionForecast": 100, "unconstrainedWithdrawalForecast": 0, "maxInjectionCapacity": 100, "maxWithdrawalCapacity": 0, "inflexibleFlag": false, "maxUpwardRampRate": 10, "maxDownwardRampRate": 10, "fsip": null, "tranches": [{ "tranche": 1, "price": "100", "quantity": 100, "noticeTime": 0, "capacityType": "IN-SERVICE", "fuelType": "NON-LIQUID" }] }, "submissionType": "XXXXXX", "submissionDateTime": "xxxx-xx-xxTxx:xx:xx+08:00" } </pre>	<pre> "tradingDay": "xxxx-xx-xx", "dispatchIntervalNo": "1-2", "dispatchIntervalTimeFrom": "08:00", "dispatchIntervalTimeTo": "08:10", "unconstrainedInjectionForecast": 100, "unconstrainedWithdrawalForecast": 0, "maxInjectionCapacity": 100, "maxWithdrawalCapacity": 0, "inflexibleFlag": false, "maxUpwardRampRate": 10, "maxDownwardRampRate": 10, "fsip": null, "tranches": [{ "tranche": 1, "price": "100", "quantity": 100, "noticeTime": 0, "capacityType": "IN-SERVICE", "fuelType": "NON-LIQUID" }] }, "submissionType": "XXXXXX", "submissionDateTime": "xxxx-xx-xxTxx:xx:xx+08:00" } </pre>