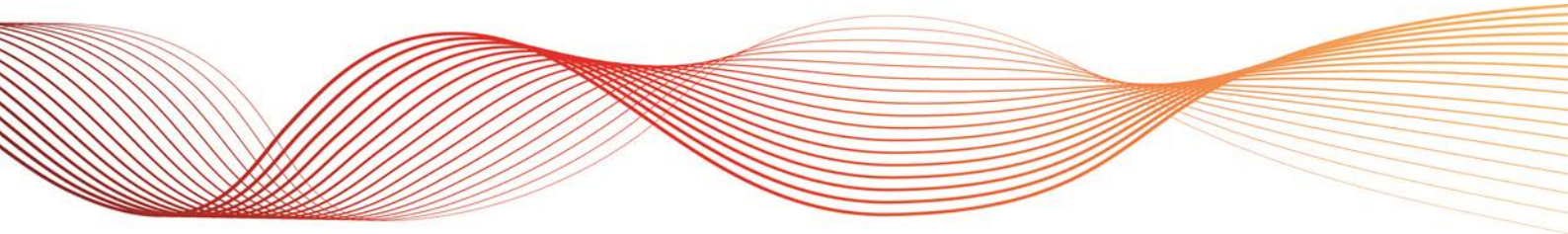




# WEMS 3.24 AND WEMS: RCM 1.5 RELEASE NOTES

Published: **February 2018**





# IMPORTANT NOTICE

## Purpose

The Australian Energy Market Operator has prepared this document to provide information about the Wholesale Electricity Market System (**WEMS**) 3.24 (Build 3.24-1356) and WEMS: RCM 1.5 (Build 1.5-2570) releases, as at the date of publication.

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## VERSION RELEASE HISTORY

| Version | Effective Date | Summary of Changes |
|---------|----------------|--------------------|
| 1.0     | 01/02/2018     | Document Creation  |
|         |                |                    |

## DOCUMENT APPROVAL

| Name and Position                           | Date       |
|---|------------|
| Martin Maticka<br>Group Manager, WA Markets | 02/02/2018 |



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# 1. INTRODUCTION

These are the release notes for Wholesale Electricity Market (WEMS) 3.24 (Build 3.24-1356) and WEMS: RCM 1.5 (Build 1.5-2570).

This WEMS release includes changes to the Settlements Portal component of the Market Participant Interface (**MPI**) which modify the search criteria for Participant Information Reports (**PIR**) and Statements. It also introduces new functionality to the Facility Registration component of the MPI, which displays Theoretical Sent Out Capability information for Scheduled Generators and Non-Scheduled Generators.

The WEMS: RCM release includes changes to the validation performed for Non-Temperature Dependent Load (**NTDL**) assessment applications in situations where the ownership of a NMI changes. In addition, this release resolves several issues which are described in sections below.

## WEMS and RCM Version Summary

The table below summarises the changes in the version after this release has been deployed.

| Application | Current Version     | New Version       |
|-------------|---------------------|-------------------|
| WEMS        | 3.23 (Build 1336-2) | 3.24 (Build 1356) |
| WEMS: RCM   | 1.4 (Build 2366-6)  | 1.5 (Build 2570)  |

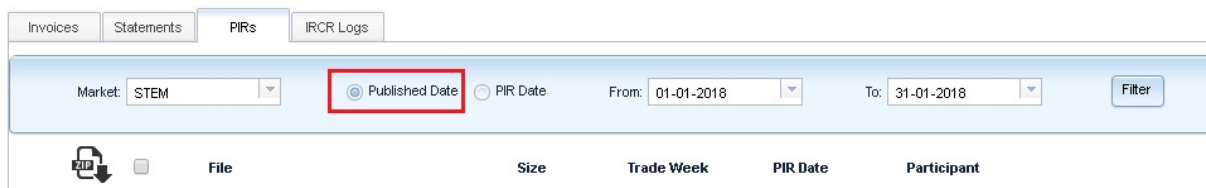
To view the current version of both applications, please navigate to Help > About in the MPI.

## 2. NEW FUNCTIONALITY

This section details the new functionality which will be delivered in this WEMS Release.

### 2.1 MPI Settlements Portal

The functionality used to filter Statements and PIRs via the MPI Settlement Portal has been modified. Previously a Market Participant could filter these based on their creation date. This has been changed so that Market Participants can now filter them based on their published date instead.



This change has been introduced to make it easier for Market Participants to locate PIRs and Statements. With the recent introduction of RCM, it is now possible for these to be created and published on different dates. Market Participants will be aware of the date that a document is published, but will not always know the date that the document was physically created.

### 2.2 Theoretical Sent Out Capability

New functionality has been added to the WEMS MPI which allows Market Participants to view the Theoretical Sent Out Capability for Scheduled and Non-Scheduled Generators. Note that this is read only access. These values can only be entered or changed by AEMO personnel.

The Theoretical Sent Out Capability information can be viewed by navigating to the Facility Reserve Capacity tab in MPI. This information comprises the effective date, the quantity in MW, and a link to the supporting evidence document.

| Facility Upgrade Information                  |                              |
|---|------------------------------|
| No results found                              |                              |
| Theoretical Sent Out Capability               |                              |
| Effective Date                                | 2016-01-31                   |
| Quantity MW                                   | 100                          |
| Evidence to support the specified Quantity MW | <a href="#">evidence.txt</a> |

If Theoretical Sent Out Capability information has not been entered for a Scheduled Generator or Non-Scheduled Generator, the following message will be displayed instead.

| Theoretical Sent Out Capability |  |
|---------------------------------|--|
| No results found                |  |

A new Change Request Type (Facility Capability Value) has been added which can be used to view historical information in the usual way.



| Reference Number | Participant Short Name | Lodged By | Date Submitted      | Effective From | Application / Change Request Type | Status   | Entity     | Processed By | Date Processed      |
|------------------|------------------------|-----------|---------------------|----------------|-----------------------------------|----------|------------|--------------|---------------------|
| 47633            | ALINTA                 | INOWA_MC  | 31/01/2018 09:35:44 | 31/01/2018     | FACILITY_CAPACITY_VALUES          | ACCEPTED | ALINTA_WWF | INOWA_MC     | 31/01/2018 09:35:44 |

The details of the historical change can be viewed by selecting the Change Request from the list.

| Date Field              | Previous Effective Change Request | This Change Request      |
|-------------------------|-----------------------------------|--------------------------|
| Change Request ID       | N/A                               | 47633                    |
| Change Request Type     |                                   | FACILITY_CAPACITY_VALUES |
| Status                  |                                   | ACCEPTED                 |
| Proposed Effective Date |                                   | 31/01/2018               |
| Accepted Effective Date |                                   | 31/01/2018               |
| Date Submitted          |                                   | 31/01/2018               |
| Submitted By User       |                                   | INOWA_MC                 |

| Date Field        | Previous Effective Change Request | This Change Request |
|-------------------|-----------------------------------|---------------------|
| Date Processed    |                                   | 31/01/2018          |
| Processed By User |                                   | INOWA_MC            |

| Date Field                             | Previous Capacity Values | New Capacity Values          |
|--|--------------------------|------------------------------|
| Theoretical Sent Out Capacity (MW)     |                          | 100                          |
| Theoretical Sent Out Capacity Evidence |                          | <a href="#">evidence.txt</a> |

### 2.3 NTDL Validations

A validation has been added to ensure that only the Market Customer who is the nominated responsible party for a meter within the NTDL month being assessed can make a NTDL application for that meter.

If a meter churns from one Market Customer to another Market Customer part way through a month, then both Market Customers are considered to be responsible parties within that month for the above validation. Either Market Customer may submit a NTDL application, however only one Market Customer will be able to see the NTDL result when AEMO makes its determination. The Market Customer who did not make the application or did not receive the result may request it from the Market Operations team via email ([wa.operations@aemo.com.au](mailto:wa.operations@aemo.com.au)).

If a Market Customer has applied for NTDL assessment for a meter and that meter is assessed as Step 4 (failed) then that Market Customer may not re-apply for NTDL assessment until the next Capacity Year commences. In the event that the meter churns to a new Market Customer during the Capacity Year, a validation has been added to allow the new Market Customer to apply for NTDL assessment.





### 3. RESOLVED ISSUES

|   | Reference | Summary   | Resolution  |
|---|-----------|---|---|
| ● | WEMS-6691 | <p>The Energy Market Dispatch Report for Ex-Post Outages was unnecessarily restricting the information returned (from the web service) based on the Market Participant identified by the authentication certificate.</p> <p>See section 5.1 of the following document for the interface specification.</p> <p><a href="http://wa.aemo.com.au/-/media/Files/Electricity/WEM/Participant_Information/Guides-and-Useful-Information/AEMO---WEMS-Report-Specification.pdf">http://wa.aemo.com.au/-/media/Files/Electricity/WEM/Participant_Information/Guides-and-Useful-Information/AEMO---WEMS-Report-Specification.pdf</a></p> | <p>A change was made to the web service so that information for ALL Market Participants is now returned, rather than limiting it to information that is associated with the Market Participant identified by the authentication certificate. There are no changes required to the documented interface.</p> |
| ● | WEMS-6643 | <p>The internal authentication mechanism used by the RCM has been improved to be consistent with the authentication mechanism used by the MPI.</p>  | <p>The internal authentication mechanism used by the RCM has been improved to be consistent with the authentication mechanism used by the MPI.</p>  |
| ● | AS-5204   | <p>The format of the “created” timestamp in the settlements report web service interface was inconsistent with the format found in the header information of the associated PIR and IRCR_LOG files.</p>   | <p>The web service has been modified to return the same creation time as that specified in the header of the file.</p>  |
| ● | AS-5203   | <p>The Trade Month specified in the header for IRCR_LOG settlement files was not in specified format.</p>   | <p>The header in the IRCR_LOG settlement files was using the start of the Capacity Year (October) as the first month in the year, rather than using January. This has been changed so that the October is now reported as month number 10 and January is reported as month number 1.</p>                    |

#### Status

|   |  |
|---|--|
| ● | Internal changes   |
| ● | Minimal or no impact to Market Participants  |
| ● | Needs Market Participants' attention. Potentially requires system or operational procedure changes |





# ABBREVIATIONS

## Abbreviations

| Abbreviation | Expanded name                                   |
|--------------|---|
| AEMO         | Australian Energy Market Operator               |
| IRCR         | Individual Reserve Capacity Requirement         |
| MPI          | Market Participant Interface                    |
| MW           | Megawatt  |
| NTDL         | Non-Temperature Dependent Load                  |
| NMI          | National Meter Identifier                       |
| PIR          | Participant Information Report                  |
| RCM          | Reserve Capacity Mechanism                      |
| WEMS Release | WEMS 3.24 (Build 1356) and RCM 1.5 (Build 2570) |
| WEMS         | Wholesale Electricity Market System             |