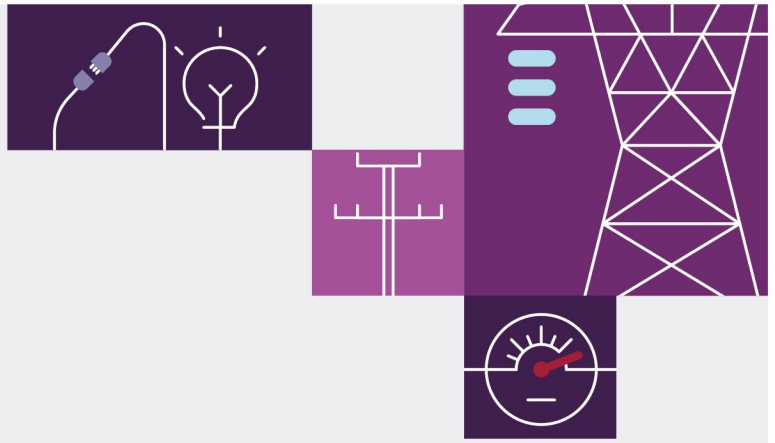


Registration Release1 (WEMS 4.0)

Release Notes

May 2023





Important notice

PURPOSE

The Australian Energy Market Operator has prepared this document to provide information about Registration Release 1 (Build 4.0-1571-1) as at the date of publication.

Disclaimer

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Version control

Version	Release date	Changes
1.0	31/05/2023	Initial publication for release 1 in Pre-Production environment

Document approval

Name	Position	Date
Rick Dolling	Manager, WA Market Operations & Operational Support	15/05/2023



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1 Introduction

1.1 Overview

These are the release notes for Registration Release 1 (WEMS 4.0-1571-1). This WEMS release includes the changes to the registration system, including the WEMS MPI user interface (<https://wems.aemo.com.au/mpi/>), as required by the WEM Rules and Post-Amended Rules.

The purpose of these release notes is to present an overview to Rule Participants of the changes to the WEMS MPI user interface for the new registration system.

Note: After Registration Release 1, a new deployment is required to update internal functionality. More details on the subsequent Registration Release 2 to implement an internal patch will be disclosed via Market Message and will not be included release notes.

1.2 Supporting documentation

The following documents should be read in conjunction with these release notes:

- WEMS MPI Guide (link [here](#))
- WEMS Registration Technical Guide (link [here](#))
- AEMO Reformer website - Transitional Registration Processes (link [here](#))
- AEMO SharePoint (Reformer) - Transitional Registration Processes (link [here](#))

More information about the WEM Reform Program is available at AEMO's public website (link [here](#)) and AEMO's SharePoint (Reformer) [here](#). If you cannot access AEMO's SharePoint (Reformer), please email wa.ets@aemo.com.au to apply for access.

1.3 Version Summary

The changes in versions post deployment of this release are summarised in Table 1.

Table 1 Version summary

Application	Current version	New version
WEMS	3.46 (WEMS 1558-4)	4.0 (WEMS 1571-1)



1.4 Terms and Abbreviations

The terms and abbreviations used in this document are outlined in Table 2.

Table 2 Terms and abbreviations

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
WEMS	Wholesale Electricity Market System
SCED	Security Constrained Economic Dispatch
DSP	Demand Side Program
NDL	Non-Dispatchable Load



2 User Management Changes

AEMO has implemented a new role in User Management interface for “Registration (SCED)” and amended the existing role of “Registration” to “Registration (Balancing)”. It is accessible by navigating on the main menu in WEM MPI through Configuration > User Management > View Users.

The new roles “Registration (SCED)” and “Registration (Balancing)” allows users to set their access as either “Full Access” or “Read Only” for the new registration system (Registration – SCED) and the existing registration system (Registration – Balancing) respectively.

Figure 1 New Role Registration (SCED)

The screenshot shows a 'Detail' form for a user. The 'Roles' section is highlighted with a red box. The roles and their access levels are as follows:

Roles	Full Access	Read Only
Energy Market	<input type="checkbox"/>	<input type="checkbox"/>
Reserve Capacity	<input type="checkbox"/>	<input type="checkbox"/>
Reports	<input type="checkbox"/>	<input type="checkbox"/>
Registration (Balancing)	<input type="checkbox"/>	<input type="checkbox"/>
Registration (SCED)	<input type="checkbox"/>	<input type="checkbox"/>
Settlements	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Balancing	<input type="checkbox"/>	<input type="checkbox"/>
User Management	<input type="checkbox"/>	<input type="checkbox"/>
Generator Performance Std	<input type="checkbox"/>	<input type="checkbox"/>

3 New Registration System

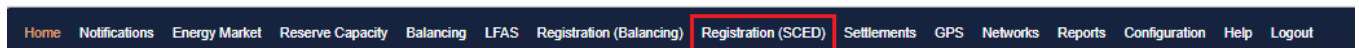
The WEMS home page has been modified to include “Registration (Balancing)” and “Registration (SCED)” tabs to delineate access to registration systems for the Balancing Market and SCED Market (Real-Time Market).

3.1 Registration (SCED)

The Registration (SCED) tab contains online application forms and supporting views for the SCED Market (Real-Time Market) and allows users to:

- register as a Rule Participant;
- register their Facility into the new Facility Classes (existing Facilities registered in the Balancing Market and new Facilities);
- provide or update their Rule Participant registration information; and
- provide or update their Facility registration information.

Figure 2 Registration (SCED)



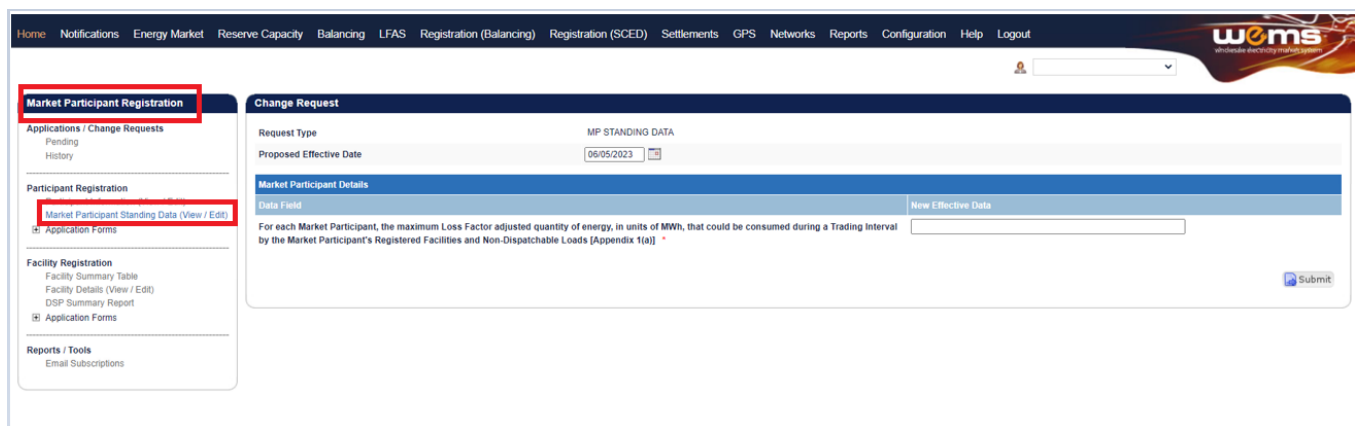
Registration (SCED) retains most of the functionalities of its predecessor version, Registration (Balancing), and the following sections only outline changes from the previous version.

3.1.1 Market Participant Standing Data

A new application form called Market Participant Standing Data is available under the Market Participant Registration menu, see Figure 3.

The Market Participant Standing Data application form allows Market Participants to update their maximum Loss Factor adjusted quantity of energy that could be consumed during a Trading Interval. This field is required under Appendix 1(a) of the WEM Rules.

Figure 3 Market Participant Standing Data



3.1.2 Participant Registration Application Forms

Updates to the below application forms have been made to be consistent with changes in the Post-Amended Rules.

- Rule Participant Registration
- Rule Participant Deregistration

Rule Participant Registration and Deregistration forms have been modified to apply to the new Rule Participant classes of Market Participant and Network Operator. Options to register as a Market Generator, Market Customer and Ancillary Service Provider have been removed as they are no longer Rule Participant classes in the Post-Amended Rules.

See Figure 4 and 5 to view changes in Rule Participant Registration and Deregistration form respectively.

Figure 4 Rule Participant Registration Form

Rule Participant Registration

Registration Information

Registered Rule Participant Class Market Participant Network Operator

Please indicate the Rule Participant Class for which this application relates (MR 2.33.1.f) *

Please indicate the date at which you wish your registration to be effective (MR 2.33.1.k) * 06/05/2023

Please indicate whether applicant is seeking an exemption from the requirement to register as a Rule Participant (MR 2.33.1.g) * Yes No

Figure 5 Rule Participant Deregistration Form

Rule Participant Deregistration

Registration Information

Please note that there is no application fee payable for a Rule Participant Deregistration Application (MR 2.33.2.a)

Name of Participant organisation (MR 2.33.2.b)

Unique name for the Participant given by AEMO (MR 2.33.2.b)

Current Rule Participant Class (MR 2.33.2.c)

Please indicate the applicable Rule Participant Classes to which this Deregistration Application relates (MR 2.33.2.c) * Market Participant Network Operator

Please indicate the date at which you wish your deregistration to be effective (MR 2.33.2.d) * 02/10/2023

Declaration

Completed WEM Rule Participant Deregistration Declaration Form * Upload New Document

If AEMO has asked you to include further information to support your Application for Deregistration, please attach here (MR 2.33.2.e) (optional) Upload New Document

I hereby declare that the information provided in this Application Form is accurate (MR 2.33.2.f) *

Submit

3.1.3 Facility Registration

Amendments to the structure of the following Facility views have been made to be consistent with the Post-Amended Rules or columns from the previous views have been removed as they are redundant.

- Facility Summary Table;
- Facility Details; and
- DSP Summary Report

See Figure 6 for the location of the Facility views:



Figure 6 Facility Registration menu and table views

Market Participant Registration

Participant Name

Applications / Change Requests
[Pending](#)
[History](#)

Participant Registration
[Participant Information \(View / Edit\)](#)
[Market Participant Standing Data \(View / Edit\)](#)
[Application Forms](#)

Facility Registration
[Facility Summary Table](#)
[Facility Details \(View / Edit\)](#)
[DSP Summary Report](#)
[Application Forms](#)

Reports / Tools
[Email Subscriptions](#)

Below are the detailed amendments to the following Facility views:

Facility Summary Table

The Facility Summary Table view only displays Facility Name, Aggregated Facility Status, Facility Class or Non-Dispatchable Load, Date of Registration, and Date of Deregistration.

The previous columns of Facility Owner, Balancing Status, LFAS MW Limit (Down/Up), Intermittent Load Status, Demand Side Management Program, and Associated Demand Side Management Program (DSMP) are no longer available within this view.

See Figure 7 to view changes to the Facility Summary Table view.

Figure 7 Facility Summary Table

Facility Summary Table

Effective Date of Commencement From

Facility Name	Aggregated Facility Status	Facility Class or Non-Dispatchable Load	Date of Registration	Date of Deregistration
Candidates for Registration				
	NORMAL	Demand Side Programme	N/A	N/A
	NORMAL	Non-Scheduled Facility	N/A	N/A
	NORMAL	Non-Scheduled Facility	N/A	N/A
Active Facilities				
No results found				
Deregistered Facilities				
No results found				
Facilities Intended for Transfer				
No results found				
Transferred Facilities				
No results found				



Facility Details

The Facility Details view only displays the following sub-sections when you select a Facility:

- Facility List,
- General Information,
- Standing Data; and
- Reserve Capacity.

The additional sub-sections will display based on the applicable Facility Class of the selected Facility:

- NDL Information,
- Separately Certified Component, and
- Facility Technology Type.

The following sub-sections and their contents in the application forms have been updated to be consistent with the Post-Amended Rules:

- Facility List,
- General Information,
- Standing Data;
- Reserve Capacity; and
- NDL Information

The following sub-sections and the contents in the application forms have been created to meet the data requirements under the Post-Amended Rules:

- Separately Certified Component, and
- Facility Technology Type.

Note that the Facility Status section has been removed and is not available in the new registration system.

See Figure 7 to view changes to the Facility Details view.

Figure 6 Facility Details view

3.1.4 Facility Deregistration Application Form

The Facility Deregistration form has been amended in the Declaration section to remove a check box that confirmed the payment of the Deregistration Application.

See Figure 8 in the Facility Deregistration form in which the check box for confirmation of the payment for Facility De-registration has been removed.

Figure 7 Facility Deregistration Application Form

3.1.5 Removed redundant Facility Application Forms

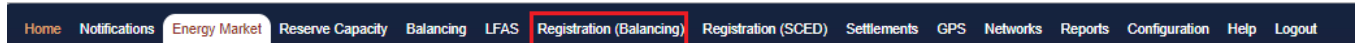
The following Facility applications forms have been removed as they are redundant and not required under the Post-Amended Rules:

- Exemption From Funding Spinning Reserve
- Balancing Declaration
- VSAF Trial Nomination
- VSAF Post Trial Decision
- LFAS Registration
- LFAS Registration – Parameter Change

3.2 Registration (Balancing)

AEMO has created the Registration (Balancing) tab, see Figure 9, which contains all the information and application forms applicable for the current market. Participants will be able to view and modify registration data or submit registration applications applicable in the Balancing Market up to the day prior to New WEM Commencement Day. Post New WEM Commencement Day, access to the Registration (Balancing) tab will be made read-only.

Figure 8 Registration (Balancing) tab



4 Market Participant Obligations

Please refer to the AEMO's SharePoint ([Reformer](#)) for further details of the suggested Rule Participant testing activities and obligations deadlines. Rule Participants are encouraged to perform Registration (SCED) testing in Market Trial (<https://wems-mkt.aemo.com.au/mpi>) from 31 May 2023.

Be aware that all Registration information will be migrated to the Registration (SCED) interface including existing users' rights, and Rule Participant's associated Facilities will be migrated to candidate Facility status. Rule Participants may request **provisional approvals** from AEMO to register the applicable candidate Facilities in the respective Facility Class.

Market Participants can submit the registration applications listed below by completing the [forms](#) and emailing them to wa.operations@aemo.com.au:

- Excel applications forms for Facility data (for provisional approval)
- Facility Aggregation / Disaggregation
- Facility Class reassessment forms



Please consult the [Registration Schedule for Transitional Period](#) for the details of submission deadlines and the website for [Transitional Registration Processes](#) on AEMO's SharePoint (Reformer) for general information.