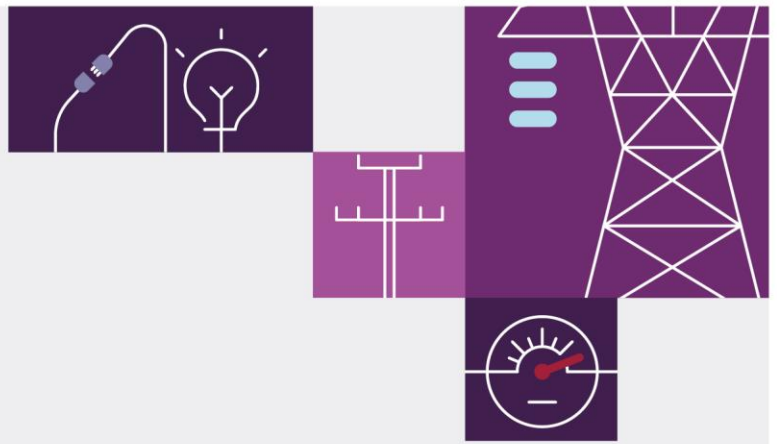# RCM Reform Phase 2 release 1 (RCM 1.29) release notes

September 2022

Important notice

Purpose

AEMO has prepared this document to provide information about the RCM 1.29 (build 1.29-3033-1) release as at the date of publication.

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Version control

Version	Release date	Changes
#1	07/09/2022	Initial publication.

Document approval

Name	Position	Date
Dean Sharafi	Group Manager, System Design and Transformation	dd/09/2022

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1 Introduction

1.1 Overview

These are the release notes for the Reserve Capacity Mechanism (RCM) Portal 1.29 (build 1.29-3033-1). This release includes the changes to the RCM Portal required for the Certified Reserve Capacity (CRC) process for the 2022 Reserve Capacity Cycle.

These changes affect the CRC Applications tab in the RCM Portal and include:

- The ability for Market Participants to nominate a Facility or upgrade as a Network Augmentation Funding Facility (NAFF).
- A flag and document upload field for Facilities that are subject to a Non-Co-optimised Essential System Service (NCESS) contract.
- A new Minimum Stable Loading Level field.
- The removal of fields that are no longer required to be provided (for example, network constraints information).

These changes are explained in further detail in Section 2.

1.2 Supporting documentation

The WEMS Submission Specifications document has been updated for this release and is available on AEMO's website[1].

1.3 Version summary

The change in versions post-deployment of this release is summarised in Table 1. To view the current application version, navigate to **Help > About** in the Market Participant Interface (MPI).

Table 1   Version summary

Application	Current version	New version
RCM Operations	1.28 (build 1.28-3032-1)	1.29 (build 1.29-3033-1)

1.4 Terms and abbreviations

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

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[1] Available at: https://aemo.com.au/en/energy-systems/electricity/wholesale-electricity-market-wem/procedures-policies-and-guides/guides.

Table 2   Terms and abbreviations

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
CRC	Certified Reserve Capacity
GIA	Generator Interim Access
MPI	Market Participant Interface
NAFF	Network Augmentation Funding Facility
NAQ	Network Access Quantity
NCESS	Non-Co-optimised Essential System Service
RCM	Reserve Capacity Mechanism

1.5 Status legend

Table 3 outlines the status types used in this document.

Table 3   Status legend

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

2 RCM Portal changes

2.1 CRC Applications tab

2.1.1   Early Certified Reserve Capacity application display

AEMO will create a record in the RCM Portal when approving an Early CRC application[2]. These approved applications can be viewed in the CRC Application tab home page (see Figure 1).

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[2] The Early CRC application process is completed via email. Market Participants wishing to apply for Early CRC should contact AEMO at wa.capacity@aemo.com.au.

Figure 1   Early CRC applications displayed on CRC Application tab home page

Applications for Certification

Certification Submission Window dd/mm/yyyy - dd/mm/yyyy
Opens in a year

Early CRC Applications

Facility ⇅	Facility Class ⇅	Assigned CRC ⇅	Submitted On ⇅
Facility name	SF	50.000	dd/mm/yyyy

Clicking on the Facility name navigates to a detailed view of the application (see Figure 2). The detailed view displays information about the Facility and assigned CRC, including:

- Facility Class.
- Availability Class.
- Date the application was submitted.
- Whether the Facility is classified as a NAFF.
- Components and Facility Technology Types.
- CRC assigned to each component.

Figure 2   Detailed view of Early CRC application

Application for Early CRC   Back

Facility	Facility Class	Availability Class	Total Assigned CRC
Facility name	Scheduled Facility	◉ 1 ◯ 2	50.000

Submitted On
26/08/2022

Network Augmentation Funding Facility Determination
◯ Yes
◉ No

Component	Technology Type	Assigned CRC
ALPHA_SF_NIGS_01	Non-Intermittent Generating System	50.000

2.1.2 Network Augmentation Funding Facilities

A Market Participant may nominate a Facility or upgrade as a NAFF when applying for CRC. Clicking 'Edit' at the top of the CRC application will allow the user to update the NAFF flag and add a supporting document.

The NAFF flag appears when the Facility or upgrade was nominated as a NAFF in the Expression of Interest process and is a mandatory field. The accompanying document upload is mandatory when the NAFF flag is 'Yes'. These fields are validated on clicking the 'Submit' button for the application, and an error message is displayed if not provided.

2.1.3 Non-Co-optimised Essential System Service contracts

A Market Participant holding an NCESS contract for a Facility must provide evidence of the NCESS contract as part of the CRC application. Clicking 'Edit' at the top of the CRC application will allow the user to update the NCESS flag and add a supporting document.

The NCESS flag is a mandatory field and is validated on clicking the 'Submit' button. The supporting document is mandatory if the NCESS flag has been set to 'Yes' and does not appear when the NCESS flag is 'No'.

2.1.4 Minimum Stable Loading Level

The Minimum Stable Loading Level is used as an input into the Network Access Quantity (NAQ) model. It is a mandatory field for new Facilities and is optional for existing Facilities. It is validated on clicking the 'Submit' button.

2.1.5 Publication of information

AEMO sets Facility attributes when assigning CRC, including the final NAFF status and whether the Facility is treated as a Generator Interim Access (GIA) Facility[3]. These attributes are published in the Market Participant view at the same time as the assigned CRC and can be viewed by navigating to the top of the Facility's CRC application page (see Figure 3).

Figure 3   NAFF and GIA Facility determination example

Application for Certification

Participant:	**Participant name**	Capacity Year:	2024 - 2025
Facility Name:	**Facility name**	Certification Window:	dd/mm/yyyy hh:mm - dd/mm/yyyy hh:mm
Facility Class:	Scheduled Facility		
Facility Status:	Commercial Operation		
Application Status:	ACCEPTED	GIA Facility:	Yes
Assigned CRC:	X MW	NAFF Determination:	No
Application Type:	Existing		

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[3] The GIA Facility field applies only to the 2022 Reserve Capacity Cycle and is used in the NAQ model.

2.1.6 Removal of fields in CRC applications

The following fields have been removed at the Facility level:

- Network constraints activated in the past 24 months[4].

- Network Control Services Contract radio buttons and document upload.

2.2 AEMO changes

New AEMO functionality has been implemented in this release to complement the changes seen by Market Participants. Some examples of these changes include:

- Updates to the AEMO view of the CRC Applications tab in the RCM Portal.

- Updates to Indicative Facility Class functionality.

2.3 Other resolved issues

In addition to the functionality detailed in sections 2.1 and 2.2, the issues specified in Table 4 have been resolved in this release.

Table 4   Resolved issues

Reference	Summary	Resolution
● RCM-1788	The 'Save' button was disabled when uploading an invalid file to a CRC application and did not become re-enabled on removing the invalid file.	The 'Save' button will not be disabled when an invalid file is uploaded. Existing system validations will prevent invalid files from being submitted as part of a CRC application.
● RCM-1814	Introduce email notification to advise Market Participants of Indicative Facility Class information if relevant.	Automated email notifications will be sent one day before the CRC window opens to the Main Contact User when an Indicative Facility Class is added or amended for a Facility.

3 Market trial

AEMO has scheduled a Market Trial period from 14 September 2022 to 27 September 2022. AEMO encourages Market Participants to test the new fields in the CRC applications.

Questions and feedback can be directed to the Reserve Capacity team at wa.capacity@aemo.com.au.

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4 This field did not apply to DSPs.