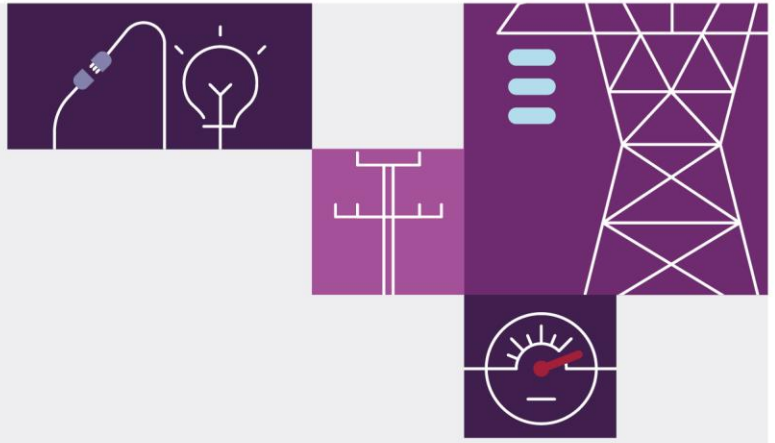


# RCM 2.2 Release Notes

February 2024





# Important notice

## Purpose

AEMO has prepared this document to provide information about the RCM 2.2 (build 2.2-3060-5) release as at the date of publication.

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## Version control

Version	Release date	Changes
1	29/02/2024	Initial publication.

## Document approval

Name	Position	Date
Martin Maticka	Group Manager, WA Market Development & Energy Procurement	26/02/2024



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# 1 Introduction

## 1.1 Overview

These are the release notes for the Reserve Capacity Mechanism (RCM) Portal 2.2 (build 2.2-3060-5). This release includes the changes to the RCM Portal required for the indicative Facility Class (IFC), Certified Reserve Capacity (CRC), and trade declaration processes for the 2024 Reserve Capacity Cycle.

These changes affect the IFC, CRC Application, and Trade Declarations tabs in the RCM Portal and include:

- Introduction of a Market Participant view for the IFC tab.
- Changes to the CRC application forms for Demand Side Programmes (DSP).
- Allowing Market Participants to nominate components of Scheduled Facilities (SF) and Semi-Scheduled Facilities (SSF) as Fixed Price Candidates in trade declarations.

These changes are explained in further detail in Section 2.

## 1.2 Supporting documentation

The RCM User Guide has been updated for this release and is available on AEMO's website<sup>1</sup>.

## 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	2.1 (build 2.1-3060-2)	2.2 (build 2.2-3060-5)

## 1.4 Terms and abbreviations

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

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<sup>1</sup> 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
DSP	Demand Side Programme
EOI	Expression of Interest
IFC	Indicative Facility Class
NAFF	Network Augmentation Funding Facility
SF	Scheduled Facility
SSF	Semi-Scheduled Facility
RCM	Reserve Capacity Mechanism

## 2 RCM Portal changes

### 2.1 Indicative Facility Class tab

#### 2.1.1 Introduction of Market Participant view

The IFC tab will become available to Market Participants for the first time since its introduction for AEMO users for the 2023-24 Capacity Year. It can be accessed by selecting the Indicative Facility Class option from the banner, located between the Home and CRC Application tabs, and will display data from the 2023-24 Capacity Year onwards (see Figure 1).

**Figure 1** Indicative Facility Class tab location



Home	<b>Indicative Facility Class</b>	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	<b>2026 - 2027</b>					

The IFC homepage shows a list of a Market Participant's Facilities with summary information about the IFC and Facility Technology Types for each Facility (see Figure 2). Each Facility record shows the Facility's assigned Facility Class (which may be the IFC or registered Facility Class), Reserve Capacity status, and boxes displaying a count of the components and upgrades of each technology type associated with the Facility. A technology type box will display a count of two if a Facility has a component upgrade for that technology type.

**Figure 2 IFC tab with summary information by Facility**

Home	Indicative Facility Class	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027					

### Facility Class and Technology Types

<b>Facility name</b> Scheduled Facility Commercial Operation (01/07/2003)	Non-Intermittent Generating System <b>1</b>	Electric Storage Resource <b>0</b>	Intermittent Generating System <b>0</b>
<b>Facility name</b> Semi-Scheduled Facility Commercial Operation (01/07/2003)	Intermittent Generating System <b>2</b>	Electric Storage Resource <b>0</b>	Non-Intermittent Generating System <b>0</b>
<b>Facility name</b> Non-Scheduled Facility Commercial Operation (31/10/2011)	Intermittent Generating System <b>1</b>	Non-Intermittent Generating System <b>0</b>	Electric Storage Resource <b>0</b>
<b>Facility name</b> Demand Side Programme Commercial Operation (28/02/2017)	Non-Dispatchable Load <b>1</b>		

Clicking on a Facility name will navigate to a detailed IFC page for the Facility (see Figure 3). The detailed view displays the Facility Class, the Expression of Interest (EOI) submission status and time, and whether the Facility was nominated to be treated as a Network Augmentation Funding Facility (NAFF) in the EOI. The components table displays the components and component upgrades that have been created for the Facility, including the technology type, Reserve Capacity Status, and checkboxes indicating whether the component is existing or an upgrade, or has been nominated as a NAFF.

**Figure 3 IFC detailed view for a Facility**

Home	<b>Indicative Facility Class</b>	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	<b>2026 - 2027</b>					

### Facility Name

Facility Class:

EOI Submitted:  Yes  No

EOI Submitted on:

EOI NAFF:  Yes  No

Components	Technology Types	Status	Upgrade <sup>i</sup>	Existing <sup>i</sup>	Eoi Naff <sup>i</sup>
NAME_ESR_01	ESR	PROPOSED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME_IGS_01	IGS		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NAME_IGS_01_UPG_01	IGS	PROPOSED	<input checked="" type="checkbox"/>		<input type="checkbox"/>

### 2.1.2 AEMO changes

Several improvements and validations have been made to the AEMO view of the IFC page, including:

- Validations to ensure data integrity (e.g. cannot select both the existing and upgrade checkboxes for a component).
- Warning messages to confirm with the Network Operator when selecting ‘Yes’ in the EOI NAFF checkbox, and when changing the Facility Class.
- Updates to automated email functionality that notifies Market Participants of their assigned Facility Class and technology types.

## 2.2 CRC Application tab

### 2.2.1 Updates to Demand Side Programme applications

From the 2024 Reserve Capacity Cycle, the CRC application requirements for DSPs have changed and are detailed in clause 4.10.1 of the WEM Rules.

The main change requires Market Participants to nominate how many loads will be associated to the DSP. If a single load will be associated to the DSP, the Market Participant must provide the NMI (see Figure 4). This field will not appear if the Market Participant select ‘Yes’ under ‘Will multiple loads be associated to the Facility?’



**Figure 4 New DSP application fields**

Home	Indicative Facility Class	<b>CRC Application</b>	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023		2023 - 2024		2024 - 2025		2025 - 2026		<b>2026 - 2027</b>	

## Application for Certification

Participant: Capacity Year: 2026 - 2027  
 Facility Name: Certification Window:  
 Facility Class: Demand Side Programme  
 Facility Status: Commercial Operation  
 Application Status: OPEN  
 Assigned CRC: -  
 Application Type: Existing

## Facility Requirements ?

Cancel Save

Quantity \* ?

Will multiple loads be associated to this Facility? \*

Yes

No

NMI to be associated to the Facility \*

Other changes to the CRC application for DSPs include removing the following:

- Upload fields for the csv NMI list and maintenance intervals.
- Mandatory validation on the contracts with loads file upload field.
- 200 hour validation on the Maximum Dispatch Hours Per Year field.

### 2.2.2 Other changes

To reduce the time required in submitting CRC applications, AEMO has introduced auto-copy at the component level. Most application fields and documents will now be automatically copied from the component’s previous CRC application. For example, for the 2026-27 Capacity Year, documents and data from the 2025-26 Capacity Year will be automatically copied.



The Balancing market ceased operation on 1 October 2023. Therefore, the 'Is this a Balancing Facility' field has been removed and replaced with a mandatory file upload field 'Evidence the Facility can receive, confirm and implement Dispatch Instructions'.

### 2.2.3 AEMO changes

The following changes have been implemented to the AEMO view of the CRC Application tab:

- Updates to the DSP application fields in line with the Market Participant facing changes.
- Capability Class selection.
- Updates to the outage rate calculator to perform Forced Outage calculations using Capacity Adjusted Forced Outage and Electric Storage Resource Charge Level shortfall data.
- New validations when accepting or rejecting applications.

## 2.3 Trade Declaration tab

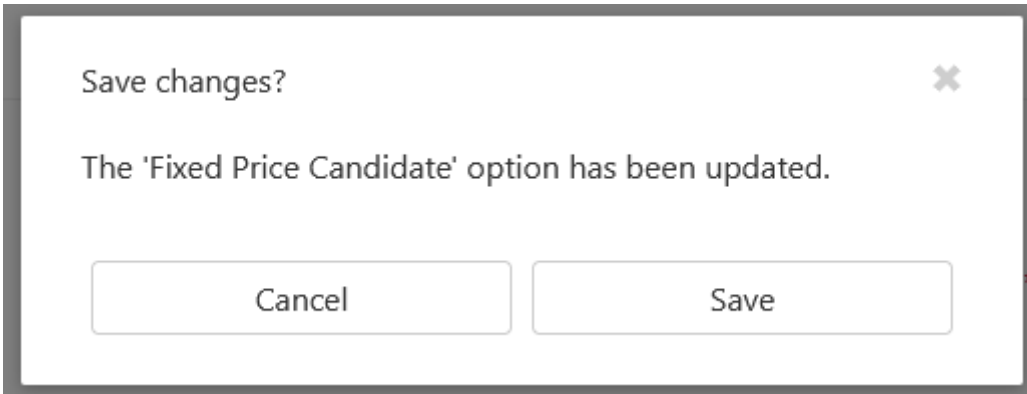
The Trade Declaration tab has been amended to allow Market Participants to nominate an eligible component of a SF or SSF as a Fixed Price Candidate. A checkbox will appear in the trade declaration record for an eligible component (see Figure 5). On selecting the checkbox and clicking Save, a popup message will appear requesting the user to confirm the selection (see Figure 6). The checkbox does not appear for component upgrades.

**Figure 5 Fixed Price Candidate checkbox at component level**

Trade Declaration Status: OPEN					
Facility name	Assigned	Traded	Unavailable	Remaining	TradedCRC
Commercial Operation (01/07/2003) Semi-Scheduled Facility	70	-	-	70	-
<input type="button" value="Cancel"/>					
Component 1	Assigned	Traded	Unavailable	Remaining	
Intermittent Generating System	20	<input type="text"/>	<input type="text"/>	20	
Component 2	Assigned	Traded	Unavailable	Remaining	MinCCQuantity*
Proposed Electric Storage Resource	50	<input type="text"/>	<input type="text"/>	50	<input type="text"/>
					<input type="checkbox"/> Fixed Price Candidate



Figure 6 Confirmation of Fixed Price Candidate





## 3 Market trial

AEMO has scheduled a Market Trial period from 6 to 19 March 2024.

Questions and feedback can be directed to the WA Capacity Market Investment team at [wa.capacity@aemo.com.au](mailto:wa.capacity@aemo.com.au).