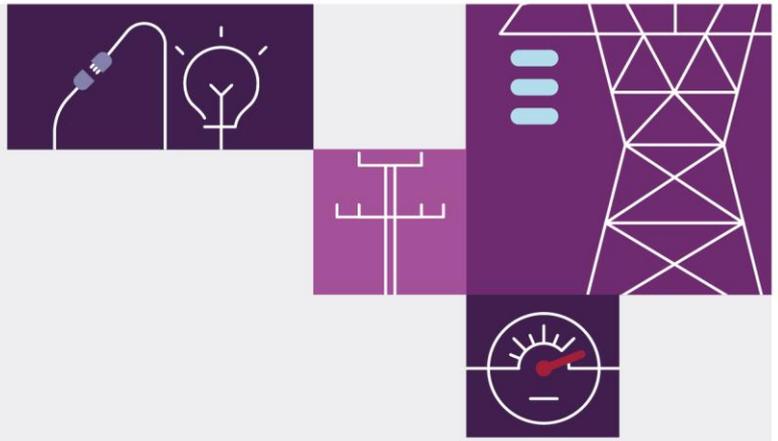


# WEMS MPI User Guide: Reserve Capacity Mechanism

February 2024

Version 2





# Important notice

## Purpose

AEMO has prepared this document to provide information about the Reserve Capacity Mechanism (RCM) market systems support process available to Market Participants for the Wholesale Electricity Market System (WEMS), as at the date of publication.

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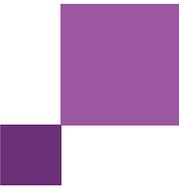
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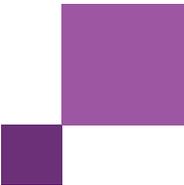
## Version control

Version	Release date	Changes
1.0	11 August 2023	Initial release
2.0	29 February 2024	Updated for RCM Release 2.2



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# 1 Introduction

The purpose of this document is to describe the functions and capabilities of the Wholesale Electricity Market System Market Participant Interface (WEMS MPI) and act as a guide to users. The WEMS MPI is the medium between the Market Participant and AEMO to exchange and submit registration information, trading submissions, and facilitate the extraction of reports.

This document provides information about the Reserve Capacity Mechanism (RCM) portal, which is accessible via WEMS MPI. The RCM portal is used for the following processes:

- Indicative Facility Class (IFC) – Section 4.3.
- Applications for Certified Reserve Capacity (CRC) – Section 4.4.
- Reserve Capacity Security (RCS) – Section 4.6.
- Trade declarations – Section 4.7.
- Consumption Deviation Applications (CDA) for Relevant Demand purposes – Sections 4.8 and 4.9.
- Non-Temperature Dependent Load (NTDL) applications and associated CDAs – Section 4.10.
- Capacity Credit Allocations – Section 4.11.
- Individual Reserve Capacity Requirements (IRCR) – Sections 4.12 and 4.13.
- Reserve Capacity Testing – Section 4.14.

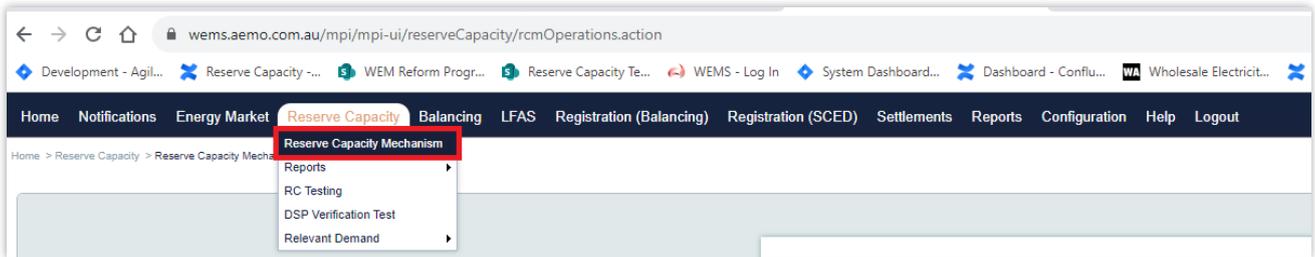
## 2 System Requirements

Please refer to the [WEM Procedure: Data and IT Interface Requirements](#) for more information on the necessary technical details and standards, software and hardware specifications, and security standards required for Market Participants to operate in the Wholesale Electricity Market (WEM).

## 3 Accessing the System

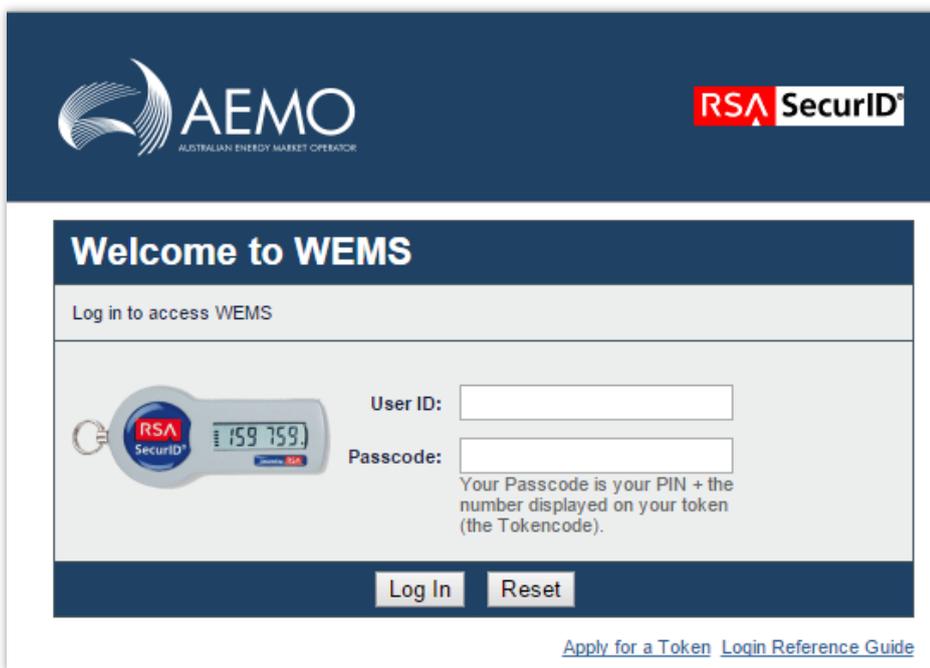
The RCM portal is accessed by logging into WEMS MPI (<https://wems.aemo.com.au/mpl/>) and navigating to **Reserve Capacity > Reserve Capacity Mechanism** (see Figure 1).

Figure 1 Accessing the RCM portal



Upon visiting the site, the MPI will require the user to authenticate with their WEMS RSA SecurID token before the user is able to access the MPI (see Figure 2).

Figure 2 WEMS MPI login screen

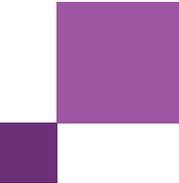


The RSA SecurID token can be identified by the RSA SecurID dark blue and red logo with white writing (see Figure 3).

Figure 3 RSA SecurID token example



New users must apply for WEMS access by contacting their Market Participant Administrator (MPA) as well as completing the WEMS Token Request Form. This form, along with the RSA Quick Reference Guide, is available on the MPI login page or by emailing [wa.operations@aemo.com.au](mailto:wa.operations@aemo.com.au).



New users must also be assigned the appropriate roles by their MPA to ensure they have the correct access privileges. Refer to the [Market Participant Administrator Guide](#) for more information.

RSA SecurID tokens are managed and issued by AEMO. Individual roles and user accounts are managed by each MPA.

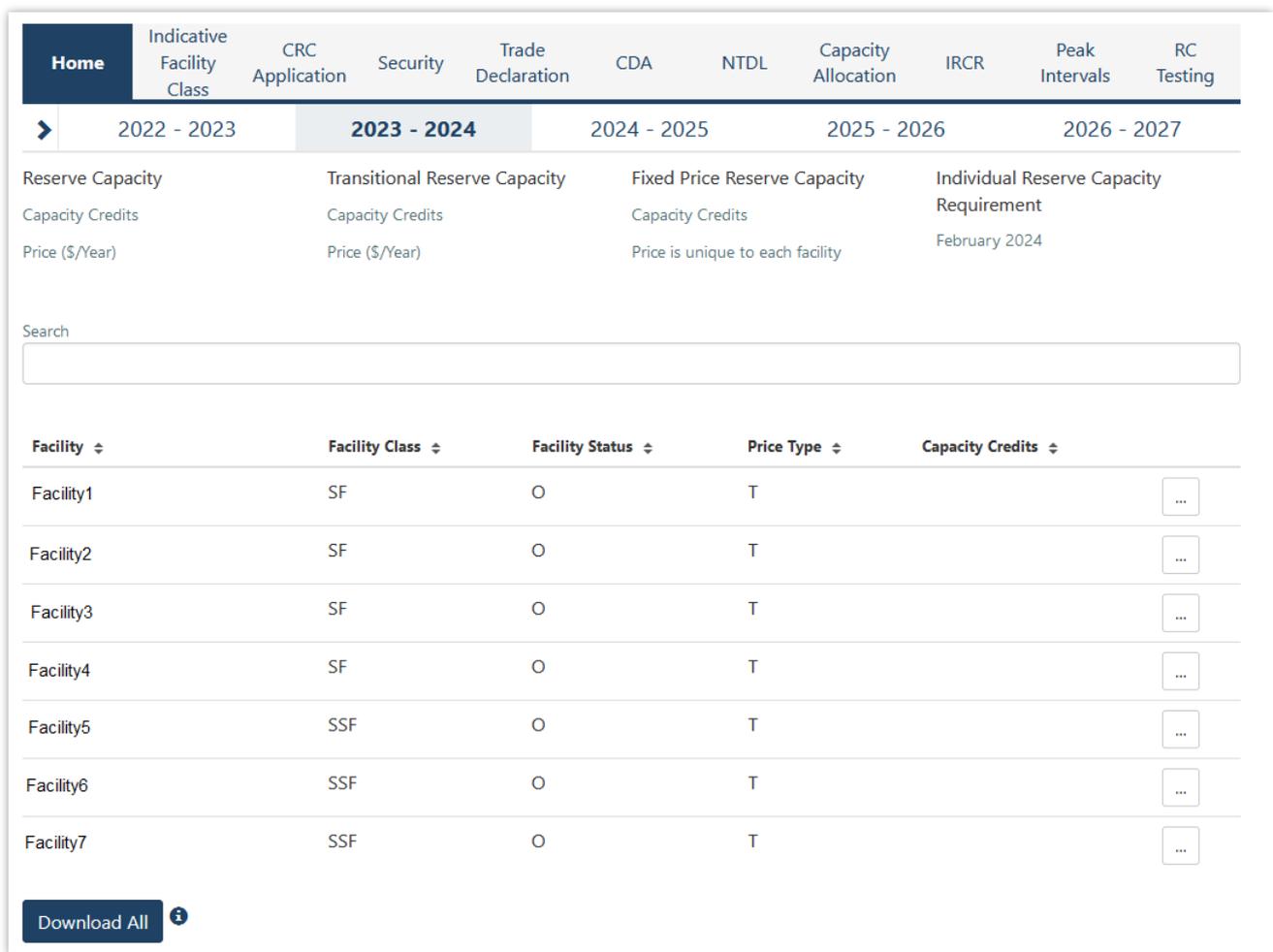
# 4 RCM portal user guide

For assistance with NTDL Applications, Capacity Credit Allocation and IRCR please contact WA Prudentials and Settlements at [wa.settlements@aemo.com.au](mailto:wa.settlements@aemo.com.au). For all other queries relating to Reserve Capacity please contact WA Capacity Market Investment at [wa.capacity@aemo.com.au](mailto:wa.capacity@aemo.com.au).

## 4.1 Reserve Capacity Mechanism dashboard

The RCM dashboard (“Home” tab) displays a snapshot of Reserve Capacity information. This includes a summary of the number of Capacity Credits assigned for each price category and the Individual Reserve Capacity Requirement (IRCR) for the selected Capacity Year (see Figure 4 and Table 1). The Facility list includes the price type for each Facility holding Capacity Credits, where the type can be T for the Transitional Reserve Capacity Price, F for the Fixed Reserve Capacity Price, or blank for the Reserve Capacity Price.

Figure 4 RCM dashboard



**Table 1 RCM dashboard descriptions**

Tab Name	Description
<b>Fixed Price Reserve Capacity</b>	The number of Capacity Credits assigned to Facilities that are subject to a Fixed Reserve Capacity Price. The relevant price is not displayed since it is unique to each Facility.
<b>IRCR</b>	The MW quantity determined by AEMO in respect of a Market Customer, in accordance with clause 4.28.7 and, if applicable, as revised in accordance with clause 4.28.11.
<b>Reserve Capacity</b>	The number of Capacity Credits assigned to Facilities that are subject to the Reserve Capacity Price, and the associated price in dollars per MW.
<b>Transitional Reserve Capacity</b>	The number of Capacity Credits assigned to Facilities that are subject to the Transitional Reserve Capacity Price, and the associated price in dollars per MW.

All tabs within the RCM portal are described in Table 2.

**Table 2 Description of RCM portal tabs**

Tab Name	Description
<b>Capacity Allocation</b>	The allocation of Capacity Credits traded outside of the WEM.
<b>CDA</b>	A Consumption Deviation Application is an application from a Market Customer to AEMO to replace Trading Intervals, which are considered unrepresentative of the consumption of a Load, for the purpose of determining the Relevant Demand of a DSP.
<b>CRC Application</b>	Applications for Certified Reserve Capacity.
<b>Indicative Facility Class</b>	View the Indicative Facility Class and technology types assigned to each Facility.
<b>IRCR</b>	The Participant Information Reports (PIR) and Log files for the Individual Reserve Capacity Requirement for Trading Months from June 2019 onwards. IRCR information for earlier Trading Months is available in the Settlements Portal.
<b>NTDL</b>	Non-Temperature Dependent Load Applications and results.
<b>Peak Intervals</b>	Displays the 4 and 12 Peak SWIS Trading Intervals used in the IRCR.
<b>RC Testing</b>	View and download Reserve Capacity Test and Verification Test results for the summer and winter testing periods.
<b>Security</b>	Displays a summary of the Reserve Capacity Security and DSM Reserve Capacity Security held by AEMO.
<b>Trade Declarations</b>	Market Participants nominate how much capacity they intend to trade bilaterally and how much will not be made available to the market through the trade declaration process.

Historical Capacity Credits for all Facilities from all Market Participants participating in the RCM for the respective Capacity Year can be downloaded from the RCM dashboard. This report includes any changes to Capacity Credits throughout the Capacity Year. Navigate to the bottom of the RCM dashboard and click Download All to download the historical Capacity Credit report (see Figure 5).

**Figure 5 Historical Capacity Credit report**

Home	Indicative Facility Class	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023	<b>2023 - 2024</b>			2024 - 2025		2025 - 2026		2026 - 2027	
Reserve Capacity		Transitional Reserve Capacity			Fixed Price Reserve Capacity		Individual Reserve Capacity Requirement			
Capacity Credits		Capacity Credits			Capacity Credits		February 2024			
Price (\$/Year)		Price (\$/Year)			Price is unique to each facility					
Search										
<input type="text"/>										
Facility	Facility Class	Facility Status	Price Type	Capacity Credits						
Facility1	SF	O	T	...						
Facility2	SF	O	T	...						
Facility3	SF	O	T	...						
Facility4	SF	O	T	...						
Facility5	SSF	O	T	...						
Facility6	SSF	O	T	...						
Facility7	SSF	O	T	...						
<div style="border: 2px solid red; padding: 5px; display: inline-block;"> <span>Download All</span> <span>?</span> </div>										

The RCM portal initially displays the five most recent Capacity Years in the banner above the Reserve Capacity summary information. To view data from previous Capacity Years, click on the arrow in the banner, which will open a horizontal scrollbar (see Figure 6). Click on the arrow to close the horizontal scrollbar.

**Figure 6 Viewing data for previous Capacity Years**

Home	Indicative Facility Class	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
<	2022	2022 - 2023	<b>2023 - 2024</b>		2024 - 2025		2025 - 2026		2026 - 2027	
<div style="background-color: #ccc; padding: 2px; display: flex; align-items: center;"> <span style="margin-right: 10px;">&lt;</span> <span style="flex-grow: 1; border-bottom: 1px solid #ccc;"></span> <span style="margin-left: 10px;">&gt;</span> </div>										
Reserve Capacity		Transitional Reserve Capacity			Fixed Price Reserve Capacity		Individual Reserve Capacity Requirement			
Capacity Credits		Capacity Credits			Capacity Credits		February 2024			
Price (\$/Year)		Price (\$/Year)			Price is unique to each facility					
Search										
<input type="text"/>										

## 4.2 Facility Management

To access the Facility Management dashboard, select **RCM portal > Home** for the relevant Capacity Year. Select the ellipsis (“...”) to the right of the Facility details and select Facility Management (see Figure 7).

**Figure 7 Facility Management navigation**

The screenshot shows a navigation menu with the following structure:

- Home** (selected)
- Indicative Facility Class
- CRC Application
- Security
- Trade Declaration
- CDA
- NTDL
- Capacity Allocation
- IRCR
- Peak Intervals
- RC Testing

Below the menu is a year selection bar with options: 2022, 2022 - 2023, **2023 - 2024** (selected), 2024 - 2025, 2025 - 2026, 2026 - 2027.

Summary information is displayed in a grid:

Reserve Capacity	Transitional Reserve Capacity	Fixed Price Reserve Capacity	Individual Reserve Capacity Requirement
Capacity Credits	Capacity Credits	Capacity Credits	February 2024
Price (\$/Year)	Price (\$/Year)	Price is unique to each facility	

A search bar is located below the summary information.

A table lists facilities with columns: Facility, Facility Class, Facility Status, Price Type, and Capacity Credits. The 'Capacity Credits' column for Facility2 contains a red-bordered button labeled 'Facility Management'.

Facility	Facility Class	Facility Status	Price Type	Capacity Credits
Facility1	SF	O	T	...
Facility2	SF	O	T	<b>Facility Management</b>
Facility3	SF	O	T	...

The Facility Management dashboard displays the Facility Class, Equivalent Planned Outage Hours, Capacity Credit information, Price Type and duration, and the RC status effective dates (Commercial Operation, Committed or Proposed).

For a Scheduled Facility or Semi-Scheduled Facility, the dashboard displays the Components table which lists the Components associated with the Facility and the latest Capacity Credit information (see Figure 8).

**Figure 8 Facility Management dashboard for a Scheduled Facility or Semi-Scheduled Facility**

The dashboard features a top navigation bar with tabs: Home, Indicative Facility Class, CRC Application, Security, Trade Declaration, CDA, NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below this is a timeline for the years 2022 - 2023, **2023 - 2024**, 2024 - 2025, 2025 - 2026, and 2026 - 2027.

The main section displays facility information for **SSF**:
 

- Facility name**: Commercial Operation (01/07/2003) Transitional (2021-22 until 2030-31)
- Effective**: 19/02/2024
- Capacity Credits:** and **EPOH:** fields are present but empty.
- Price:** field is present but empty.

The **Components** section contains a table with the following data:

Component Name	CC (Capacity Credits)	Effective From	Effective To	Note	Participant Reduction
Facility1_IGS_01		01/10/2023 08:00	01/10/2024 08:00	RCM assigned CC - Appendix 3	

A **Details** button is located to the right of the table row, highlighted with a red border.

To view a detailed breakdown of Capacity Credit changes for a Component select “Details”, which will display the Component Capacity Credit timeline and Required Level information (see Figure 9).

**Figure 9 Component Capacity Credit timeline**

The window title is **Component Capacity Credits Timeline**. It displays the following information:

- Component**: Facility\_NIGS\_01
- Initial Required Level:** and **Adjusted Required Level:** fields are present but empty.

Below this is a table with the following data:

Modified Date	CC	Effective From	Effective To	Note	Participant Reduction
dd/mm/yyyy		dd/mm/yyyy 00:00	dd/mm/yyyy 00:00	RCM assigned CC - Appendix 3	

For a Non-Scheduled Facility or Demand Side Programme, the dashboard displays the Capacity Credit changes for the Facility in the Capacity Credit timeline (see Figure 10).

Figure 10 Facility Management dashboard for Non-Scheduled Facility or Demand Side Programme

The dashboard features a top navigation bar with tabs: Home, Indicative Facility Class, CRC Application, Security, Trade Declaration, CDA, NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below this is a year selector with options for 2022-2023, **2023-2024**, 2024-2025, 2025-2026, and 2026-2027.

The main content area displays facility information for **NSF** (Facility name). It lists 'Commercial Operation (28/02/2017)' and 'Transitional (2021-22 until 2030-31)', with a note 'Effective 19/02/2024'. Below this, there are fields for Capacity Credits, Price, EPOH, Initial Required Level, and Adjusted Required Level.

A 'Capacity Credit Timeline' table is shown below:

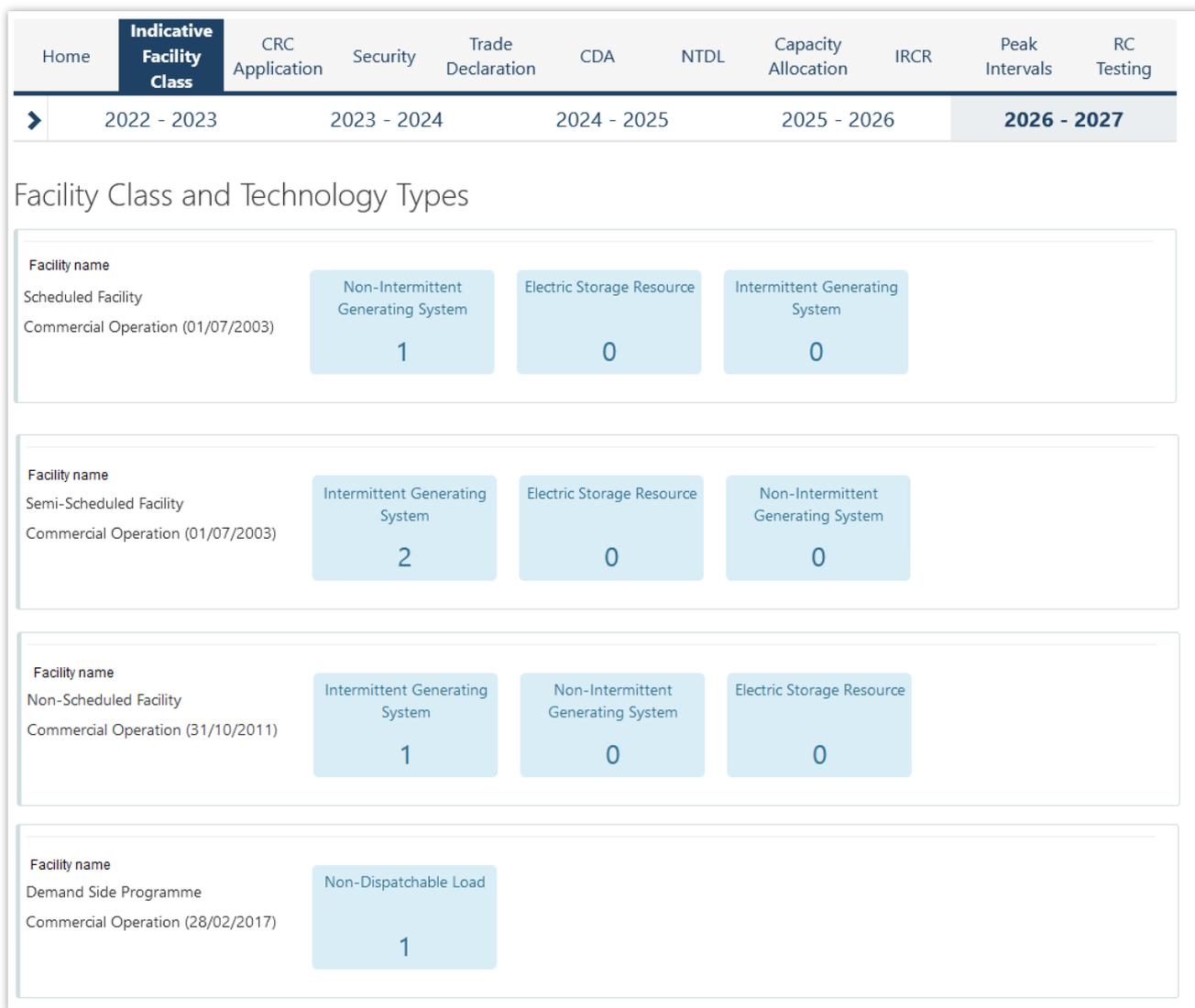
CC	Effective From	Effective To	Note	Participant Reduction
	01/10/2023 08:00	01/10/2024 08:00	RCM assigned CC - Appendix 3	

### 4.3 Indicative Facility Class

This section must be read in conjunction with the [WEM Procedure: Indicative Facility Class](#) and clause 4.8A of the WEM Rules.

To access the IFC homepage, select **RCM Portal > Indicative Facility Class** for the relevant Capacity Year. The IFC tab displays summary information about each of the Market Participant's Facilities, including the Facility Class, Reserve Capacity Status, and the technology types that are associated with the Facility shown as boxes (see Figure 11). A technology type box will display a count of two if a Facility has a component upgrade for that technology type.

Figure 11 IFC tab homepage with summary information by Facility



Clicking on a Facility name will navigate to a detailed IFC page for the Facility (see Figure 12). 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 12 IFC detailed view for a 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 Name

Facility Class

Semi-Scheduled Facility
v

EOI Submitted

Yes

No

EOI Submitted on

19/02/2024 13:00

EOI NAFF i

Yes

No

Components	Technology Types	Status	Upgrade <span style="font-size: 0.8em;">i</span>	Existing <span style="font-size: 0.8em;">i</span>	Eoi Naff <span style="font-size: 0.8em;">i</span>
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"/>

## 4.4 Certified Reserve Capacity Applications

This section must be read in conjunction with the [WEM Procedure: Certification of Reserve Capacity](#) and clauses 4.9 and 4.10 of the WEM Rules.

To access the CRC application homepage, select **RCM Portal > CRC Application** for the relevant Capacity Year. The CRC Applications tab displays the Market Participant’s Facilities, the Facility Class, Reserve Capacity Status, Application Status, and a timestamp showing when the application was submitted (see Figure 13).

Figure 13 CRC application tab homepage

Application	Facility Class	Facility Status	Application Status	Submitted On
	SF	O	OPEN	-
	SF	O	OPEN	-
	SF	P	OPEN	-

The Application Status is described in Table 3.

Table 3 Application status description

Status	Description
<b>OPEN</b>	The certification window for the relevant Capacity Year is open and the user can submit a CRC application to AEMO.
<b>PENDING</b>	The application has been edited and saved but is yet to be submitted to AEMO.
<b>SUBMITTED</b>	The application has been submitted to AEMO for review.
<b>WITHDRAWN</b>	The submitted application was withdrawn by the user prior to the closure of the certification window.
<b>LAPSED</b>	The application was not submitted prior to the closure of the certification window.
<b>ACCEPTED</b>	AEMO has accepted the CRC application.
<b>REJECTED</b>	AEMO has rejected the CRC application.

The Facility Class reflects the Indicative Facility Class or Registered Facility Class, as relevant to the Facility.

**Note:** Early or Conditional CRC applications cannot be submitted through the RCM Portal. Market Participants wishing to make these types of submission should contact WA Capacity Market Investment at [wa.capacity@aemo.com.au](mailto:wa.capacity@aemo.com.au).

#### 4.4.1 Facility CRC application

When a Market Participant user clicks on the name of a Facility, a new page opens which displays static information about the Facility (see Figure 14).

Figure 14 Static information in the Facility CRC application

The screenshot shows a web application interface with a top navigation bar containing tabs: Home, Indicative Facility Class, CRC Application (highlighted), Security, Trade Declaration, CDA, NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below the navigation bar is a timeline of years: 2022 - 2023, 2023 - 2024, 2024 - 2025, 2025 - 2026, and 2026 - 2027 (highlighted). The main content area is titled 'Application for Certification' and displays the following information:

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

When the page is in edit mode (after clicking the 'Edit' button), Market Participants can enter information into the Facility's CRC application (see Figure 15). This can include document uploads or data entry fields.

Figure 15 Example Facility CRC application in edit mode

The screenshot shows the 'Facility Requirements' form in edit mode. It includes a 'Cancel' button and a 'Save' button. The form contains the following fields and sections:

- Network Access Confirmation \***: A file upload area with a 'Drag file here or browse' prompt.
- Declared Sent Out Capacity (DSOC) \***: A text input field containing '(MW)'. This field is marked as mandatory with a red asterisk.
- Contract Expiry \***: A date selection field with a clear button (X). This field is marked as mandatory with a red asterisk.
- Description of Facility \***: A file upload area with a 'Drag file here or browse' prompt. This field is marked as mandatory with a red asterisk.

Mandatory fields that are required to be completed to submit the application are denoted by a red asterisk. The 'Cancel' button discards all changes made, while the 'Save' button updates the database with the information entered. Market Participants may save their application and return to it later to continue working.

#### 4.4.2 Components and upgrades

Scheduled Facilities and Semi-Scheduled Facilities will have components (including upgrades) listed in a table in the Facility CRC application page (see Figure 16). Clicking on the Component name in the table will open a new page showing static information for the component.

**Figure 16 Component table in CRC applications**

Components <span style="float: right;">?</span>				
Components	Technology Type	Assigned CRC (MW)	Include <span style="float: right;">?</span>	Updated On
Component 1	Electric Storage Resource	-	INCLUDED	dd/mm/yyyy hh:mm
Component upgrade 1	Electric Storage Resource	-	INCLUDED	dd/mm/yyyy hh:mm
Component 2	Intermittent Generating System	-	INCLUDED	dd/mm/yyyy hh:mm

The Component CRC Application page includes a ‘Back’ button that returns the user to the Facility’s CRC application page (see Figure 17). When the page is in edit mode, the checkbox to include the component in the CRC application can be selected, indicating that the Market Participant would like to apply for CRC for the component. Only components where this checkbox has been selected will be assessed by AEMO. Applications must include at least one component.

**Figure 17 Static information in the component page**

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

### Component CRC Application ?

Back
Edit

Facility Class: Scheduled Facility

Component Name:

Assigned CRC: -

**Note:** A table of components is displayed for Non-Scheduled Facilities but clicking on a component name does not navigate to a component page. Non-Scheduled Facilities are assessed as a whole Facility, with the components automatically included in the application.

#### 4.4.3 Submitting a CRC application

When the Market Participant user has finished editing the CRC application and clicked ‘Save’, the ‘Submit’ button will become available on the Facility page. On clicking ‘Submit’, the RCM portal verifies that all mandatory fields have been completed on both the Facility and component pages.

If information is missing for a mandatory field, an error message will display, detailing the missing information (see Figure 18).

**Figure 18** Submit button and error message example on the Facility CRC application



**Note:** There is no 'Submit' button on the component page. The 'Submit' button on the Facility page submits the CRC application for the Facility and any components where the checkbox to include the component has been selected.

## 4.5 Upgrades

Once an Upgrade has been assigned Capacity Credits, a user can view the Facility Upgrade details in the Facility Management dashboard for the relevant Capacity Year. Select the ellipsis ("...") to the right of the Facility details and select Facility Management (see Figure 19). A Facility with an Upgrade will be marked with a "U" symbol.

**Figure 19** Home tab with Facility upgrade icon displayed



The Associated Upgrades table displays the Upgrade Name, Reserve Capacity Status, Capacity Credits information, and Obligation Date (see Figure 20).

**Figure 20 Associated Upgrades table**

Associated Upgrades				
Upgrade	Status	Capacity Credits	Obligation Date	Certified
Facility_01_NIGS_01_UPG_01			01/10/2024 08:00	2024 - 2025

To update the Reserve Capacity Status of an Upgrade, please contact WA Capacity Market Investment at [wa.capacity@aemo.com.au](mailto:wa.capacity@aemo.com.au).

## 4.6 Reserve Capacity Security

This section should be read in conjunction with the [WEM Procedure: Reserve Capacity Security](#).

To view the Reserve Capacity Security or DSM Reserve Capacity Security, select **RCM portal > Security**.

The Security tab displays a snapshot of Reserve Capacity Security or DSM Reserve Capacity Security details for the relevant Capacity Year (see Figure 21). Facilities with upgrades will be marked with a ‘U’ symbol.

**Figure 21 Security display**

Home	Indicative Facility Class	CRC Application	<b>Security</b>	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023	2023 - 2024	<b>2024 - 2025</b>				2025 - 2026		2026 - 2027	
Security										
Facility ⇅			Last Transaction ⇅			Current Balance ⇅				
Facility name			LODGE			\$2,016,444.73				

The user can click on the Facility name to view more detail regarding the Security Transactions (see Figure 22).

**Figure 22 Security Transactions information**

Home	Indicative Facility Class	CRC Application	<b>Security</b>	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2022 - 2023	2023 - 2024	<b>2024 - 2025</b>	2025 - 2026	2026 - 2027					
<b>Security Transactions</b>										
Participant:	Participant			Capacity Year:	2024 - 2025					
Facility Name:	Facility name			Security Category:	New Facility					
Facility Class:	Semi-Scheduled Facility									
Facility Status:	Committed									
Security Lodged:				Assigned Credits:						
Security Returned:				Security Calculated:						
Security Retained:										
Effective From	Action	Amount	Balance	Security Details	Supporting Documents					
	LODGE									
	RETURN									
	LODGE									

For a DSP, the Security Requirement section assists in implementing the requirements from clauses 4.13A.3 and 4.13A.4 of the WEM Rules (see Figure 23).

**Figure 23 Security page for DSP**

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

### Security Requirement as at

Security Required:   Security Lodged:   Security Owed:   [Details](#)

### Security Transactions

Participant:   Capacity Year: 2024 - 2025  
 Facility Name:   Security Category: Existing Facility  
 Facility Class: Demand Side Programme  
 Facility Status: Commercial Operation

Security Lodged:   Assigned Credits:  
 Security Returned:   Security Calculated:  
 Security Retained:

Effective From	Action	Amount	Balance	Security Details	Supporting Documents
	EXEMPT	\$0.00	\$0.00	Waived in accordance with clause 4.13A.20 of the WEM Rules	

Clicking on the ‘Details’ button in the Security Requirement section (shown in Figure 23) will open a window that displays all security transactions made for the DSP by the Market Participant (see Figure 24).

**Figure 24 ‘Details’ window showing all security transactions for DSP**

Effective From	Action	Amount	Balance	Security Details	Capacity Year
	EXEMPT	\$0.00	\$0.00	Exemption on first year of WEM Rules (22 February 2020)	2021
	EXEMPT	\$0.00	\$0.00	Waived in accordance with clause 1.29.4(a) of the WEM Rules.	2022
	EXEMPT	\$0.00	\$0.00	Waived in accordance with clause 4.13A.19 of the WEM Rules	2023
	EXEMPT	\$0.00	\$0.00	Waived in accordance with clause 4.13A.20 of the WEM Rules	2024
	EXEMPT	\$0.00	\$0.00	AEMO has made a determination to waive the requirement of DSM Security in accordance with clause 4.13A.20 of the WEM rules.	2025

Relevant fields of the Security Transactions are described in Table 4.

**Table 4 Security field description**

Field Name	Field Description
<b>Status</b>	The current RC Status of the Facility/Upgrade/DSP (Proposed (P), Committed (C), Commercial Operation (CO)) and the effective date.
<b>Security Calculated</b>	<ul style="list-style-type: none"> <li>For a generator, the amount of RCS the Market Participant is required to provide to AEMO for the relevant Facility/Upgrade.</li> <li>For a DSP, the amount of RCS calculated for the relevant Capacity Year.</li> </ul>
<b>Security Category</b>	RCS is required for Upgrades, New Facilities, and DSPs.
<b>Component</b>	List of all upgrades that have been included in the Security Required amount calculation.
<b>Security Lodged</b>	The cumulative amount of RCS held by AEMO, less any amount retained.
<b>Security Owed</b>	Calculated as DSM RCS required less DSM RCS lodged and represents the amount of DSM RCS that must be paid by the Market Participant.
<b>Security Required</b>	The maximum amount of DSM RCS calculated for each active Capacity Year. It may not equal the Security Calculated for the current Capacity Year.
<b>Security Returned</b>	RCS which has been returned to the Market Participant.
<b>Security Retained</b>	RCS which has been retained by AEMO.
<b>Action</b>	The last RCS transaction with AEMO (LODGE, RETURN, RETAIN).
<b>Amount</b>	The amount of RCS relating to the relevant security transaction (Action).
<b>Balance</b>	The total RCS balance held with AEMO.
<b>Security Details</b>	The type of RCS (Bank Undertaking, Cash Deposit) or any other information AEMO considers relevant.
<b>Supporting Documentation</b>	The supporting documents for the relevant RCS uploaded by AEMO.

## 4.7 Trade Declarations

This section should be read in conjunction with the [WEM Procedure: Declaration of Bilateral Trades](#). The Trade Declaration tab in the RCM Portal allows Market Participants to submit trade declarations for Facilities, components, and upgrades that have been assigned CRC in the relevant Capacity Year. The Trade Declaration tab displays the opening and closing dates, as well as summary information about the Market Participant's trade declarations for its Facilities (see Figure 25).

**Figure 25 Trade declaration display**

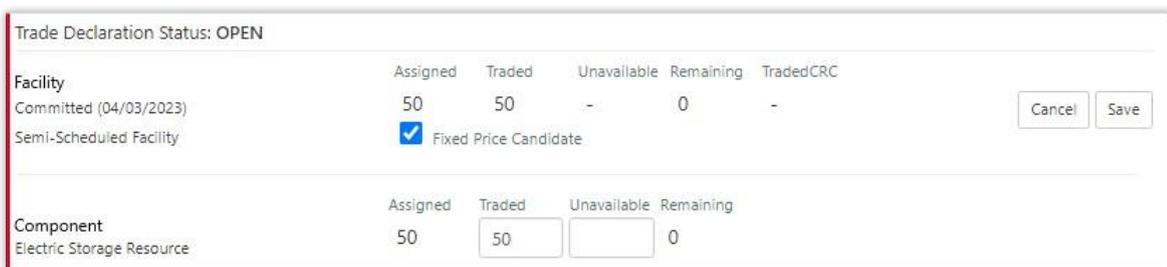


For Scheduled Facilities and Semi-Scheduled Facilities, each record will include at least one component, and may include upgrades (if applicable), based on the information from the Facility’s CRC application. If a component or upgrade was either excluded from the CRC application or rejected by AEMO, it will not appear in the Facility’s trade declaration.

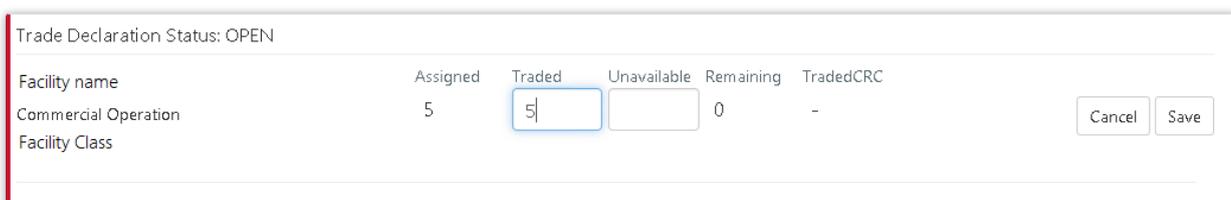
Trade declarations for Non-Scheduled Facilities and Demand Side Programmes are completed at the Facility level and components will not be displayed. Non-Scheduled Facility upgrades appear separately to the parent Facility.

To update a trade declaration, click on the ‘Edit’ button to allow the ‘Traded’ and ‘Unavailable’ fields to be edited. For a Scheduled Facility or Semi-Scheduled Facility, these fields are editable at the component (or upgrade) level (see Figure 26), while for a Non-Scheduled Facility or Demand Side Programme, the fields are editable at the Facility level (see Figure 27). Click ‘Save’ when editing is complete.

**Figure 26 Edit a trade declaration for a Scheduled Facility or Semi-Scheduled Facility**



**Figure 27 Edit a trade declaration for a Non-Scheduled Facility or Demand Side Programme**



The Fixed Price Candidate checkbox allows a Market Participant with an eligible Facility or component to choose the Fixed Reserve Capacity Price. If the Facility or upgrade is in Proposed Status, the Minimum Capacity Credits Quantity must be provided (see Figure 28).

**Figure 28 Edit a trade declaration for a Proposed Facility**

Facility	Assigned	Traded	Unavailable	Remaining	TradedCRC
Proposed	50	50	-	0	-

MinCCQuantity\*  Fixed Price Candidate

Component	Assigned	Traded	Unavailable	Remaining
Non-Intermittent Generating System	50	50		0

Trade declarations must be submitted by clicking on the ‘Submit’ button after saving (see Figure 29). To successfully submit a trade declaration, the ‘Remaining’ calculated field must display zero. A confirmation message will appear, and the Trade Declaration Status will update to Submitted (see Figure 30) for a description of each possible status).

**Figure 29 Submit a trade declaration**

Facility name	Assigned	Traded	Unavailable	Remaining	TradedCRC
Commercial Operation	100	100	-	0	-

Component name

Assigned	Traded	Unavailable	Remaining
100	100		0

A submitted trade declaration may be withdrawn while the window is open by clicking ‘Withdraw’ (see Figure 30).

**Figure 30 Withdraw a trade declaration**

Facility name	Assigned	Traded	Unavailable	Remaining	TradedCRC
Commercial Operation	100	100	-	0	-

Component name

Assigned	Traded	Unavailable	Remaining
100	100		0

Once AEMO has run the trade methodology in accordance with Appendix 3 of the WEM Rules, the Traded CRC, which confirms the amount of CRC that can be traded for each Facility, will be available for each Facility (see Figure 31).

**Figure 31 Traded CRC**

Trade Declaration Status: ACCEPTED					
Facility name	Assigned	Traded	Unavailable	Remaining	TradedCRC
Commercial Operation	100	100	-	0	100
Facility Class					
Component name	Assigned	Traded	Unavailable	Remaining	
Technology type	100	<input type="text" value="100"/>	<input type="text"/>	0	

**Table 5 Trade declaration status description**

Status	Description
<b>OPEN</b>	The user can submit a trade declaration for Facilities with CRC if the relevant trade window is open.
<b>PENDING</b>	The trade has been edited and saved but is yet to be submitted.
<b>SUBMITTED</b>	The trade has been submitted to AEMO for review.
<b>WITHDRAWN</b>	The trade was submitted then withdrawn by the user prior to the closure of the trade declaration window.
<b>LAPSED</b>	The trade was not submitted prior to the closure of the trade declaration window.
<b>ACCEPTED</b>	AEMO has accepted the trade.
<b>REJECTED</b>	AEMO has rejected the trade.

## 4.8 Relevant Demand

To access the Relevant Demand dashboard, select **RCM portal > Home** for the relevant Capacity Year. Select the ellipsis (“...”) on the right of the DSP details and select Relevant Demand (see Figure 32).

**Figure 32 Relevant Demand navigation**

The screenshot shows a navigation menu with the following items: Home, Indicative Facility Class, CRC Application, Security, Trade Declaration, CDA, NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below these are year ranges: 2022 - 2023, 2023 - 2024 (selected), 2024 - 2025, 2025 - 2026, and 2026 - 2027. A search bar is present. Below the search bar are filters for Facility, Facility Class (DSP), Facility Status (O), Price Type, and Capacity Credits. At the bottom, there is a 'Download All' button and a 'Facility Management' dropdown menu where 'Relevant Demand' is highlighted with a red box.

The Relevant Demand dashboard displays the current Relevant Demand and effective date, NMI count, source of the Relevant Demand calculation, previous Relevant Demand calculations and their effective dates, and downloadable supporting documentation (see Figure 33).

**Figure 33 Relevant Demand display**

The screenshot shows the 'Relevant Demand' dashboard. It includes a navigation menu similar to Figure 32. The main content area displays 'Relevant Demand' for 'Facility Name:' and 'Capacity Year: 2023 - 2024'. It shows 'Current Relevant Demand' as 'Current Two Hundred Peak Hours' with a file icon and the name 'TwoHundredPeakHours2023.csv'. Below this is a table with the following columns: Relevant Demand, Effective From, Effective To, Source, NMI Count, and Constituent NMIs. The table contains two rows of data, both with 'Meter Data' as the source and '1' as the NMI Count.

Relevant Demand	Effective From	Effective To	Source	NMI Count	Constituent NMIs
			Meter Data	1	
			Meter Data	1	

## 4.9 Consumption Deviation Applications

To submit a CDA:

1. Navigate to RCM Portal → CDA and click New Application (see Figure 34).
2. Select the NMI that the CDA relates to from the drop-down menu (see Figure 35).
3. Download the maintenance interval template CSV file by clicking Download Template and populate for all intervals to be considered in the CDA (see Figure 35).
4. Upload the maintenance interval CSV file. Ensure the formatting of the interval column is in dd/mm/yyyy mm:hh time format or the upload will fail.
5. Upload evidence file(s) (see Figure 35) in accordance with the [WEM Procedure: Consumption Deviation Applications](#). *Upload evidence file(s) (see Figure 35) in accordance with the [WEM Procedure: Consumption Deviation Applications](#).*
6. By clicking the Save button, the CDA can be stored at any time to work on at a later date. After all relevant documentation has been uploaded, click Submit.

Figure 34 Create a new CDA

The screenshot shows the RCM Portal interface for creating a new Consumption Deviation Application (CDA). At the top, there is a navigation bar with tabs for Home, Indicative Facility Class, CRC Application, Security, Trade Declaration, CDA (selected), NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below the navigation bar, there are year selection tabs for 2022 - 2023, 2023 - 2024 (selected), 2024 - 2025, 2025 - 2026, and 2026 - 2027. The main content area is titled "Consumption Deviation Applications" and includes a "New Application" button. Below the title is a search bar labeled "Search". At the bottom of the page, there are three filter options: "NMI", "Application Status", and "Submitted On", each with a dropdown arrow.

Figure 35 Edit and save a CDA

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

### New Consumption Deviation Application

Participant: Capacity Year: 2023 - 2024

NMI \*

The NMI field is required.

Maintenance intervals occurring during the 2022 - 2023 Capacity Year \*

Drag file here or browse

Download Template

Evidence \*

Drag file here or browse

Once the application has been submitted, it can be withdrawn by clicking the Withdraw button (see Figure 36). A withdrawn application can be edited and re-submitted prior to the close of the application window. Submitted applications will be reviewed by AEMO and additional information will be requested where necessary.

**Figure 36 Withdraw button for a submitted CDA**

The screenshot shows a navigation menu with 'CDA' selected. Below the menu, the '2023 - 2024' capacity year is highlighted. The main content area is titled 'Consumption Deviation Application' and features a 'Withdraw' button in the top right corner, which is highlighted with a red box. Below the title, the 'Participant' and 'Capacity Year' (2023 - 2024) are displayed. The 'Application Status' is shown as 'SUBMITTED'. There are sections for 'NMI' and 'Maintenance intervals occurring during the 2022 - 2023 Capacity Year \*', and a section for 'Evidence \*'.

The Application Status of a submitted CDA can be viewed on the CDA dashboard under the relevant Capacity Year (see Figure 37). If AEMO requests more information for a CDA submission, the Application Status will change to Information Requested. By clicking the application, additional information can be uploaded and submitted.

**Figure 37 CDA status display**

The screenshot shows the 'Consumption Deviation Applications' page. The navigation menu is the same as in Figure 36. The '2023 - 2024' capacity year is highlighted. The page title is 'Consumption Deviation Applications' with a 'New Application' button in the top right. Below the title is a search bar. A table displays application details with columns for 'NMI', 'Application Status', and 'Submitted On'. The table contains one row with the status 'ACCEPTED' and the submission time '14/09/2023 09:43:31'.

NMI	Application Status	Submitted On
	ACCEPTED	14/09/2023 09:43:31

For assistance with CDAs, please contact WA Capacity Market Investment at [wa.capacity@aemo.com.au](mailto:wa.capacity@aemo.com.au).

## 4.10 NTDL Application and Consumption Deviation Application

This section should be read in conjunction with the [WEM Procedure: Individual Reserve Capacity Requirements](#) and the [WEM Procedure: Consumption Deviation Applications](#).

Loads nominated as Non-Temperature Dependent Loads (**NTDL**), and Consumption Deviation Applications (**CDA**) for Loads nominated as Non-Temperature Dependent Loads, are submitted through the RCM portal.

The steps to submit an NTDL application and CDA are:

1. Select RCM portal > NTDL, ensure the correct Capacity Year is selected, and select New Application (see Figure 38).
2. Enter either:
  - The 10-digit NMI or SCADA-only Facility Code associated with an interval meter.
3. Select the Trading Month that the NTDL application relates to from the drop-down menu.
4. To provide a list of all Trading Intervals during which the level of consumption of the interval meter was affected:
  - Download the maintenance intervals template CSV file by clicking Download Template and populate for all Trading Intervals to be considered in the CDA<sup>1</sup>.
  - Upload the maintenance intervals CSV file to field - Intervals consuming below capacity. Ensure the formatting of the Trading Interval column is correct or the upload will fail.
5. To provide a written statement<sup>2</sup> from the operator of the interval meter, or to provide any other information the Market Participant wants AEMO to consider in its CDA assessment:
  - Upload the written statement and any other file(s) to the Evidence field.
6. By clicking the Save button, the CDA can be stored and edited up until the closure of the NTDL application window. Once an application has been saved, the Application Status will change to Pending (see Figure 39). Continue to edit the application by clicking Edit.
7. To finalise and submit an application to AEMO, the user must click Submit. No further changes can be made to the application. Once an application has been submitted, the Application Status will change to Submitted (see Figure 40).

**Note:** all applications with an Application Status of Pending will automatically be lapsed by the system on closure of the NTDL application window and will not be assessed by AEMO.

Once the application has been submitted, it can be withdrawn prior to being assessed by clicking the Withdraw button (see Figure 40).

Results of NTDL assessments will be made available in the MPI once the processing has been completed by AEMO. An automated email will be sent to the Main Contact and the user that submitted the NTDL application and CDA.

---

<sup>1</sup> A Trading Month includes all Trading Intervals from 08:00 on the first day of the calendar month up to and including 07:30 on the first day of the following calendar month e.g., Trading Month October 2023 includes all Trading Intervals from 01/10/2023 08:00 to 01/11/2023 07:30 inclusive.

<sup>2</sup> If a list of Trading Intervals is provided, then a written statement must also be provided.

If AEMO requests more information for a CDA, the Application Status will change to Information Requested. By clicking the application, the requested additional information can be provided and submitted.

For assistance with CDAs for NTDLs, please contact WA Prudentials and Settlements at [wa.settlements@aemo.com.au](mailto:wa.settlements@aemo.com.au).

Figure 38 Create a new NTDL Application and CDA

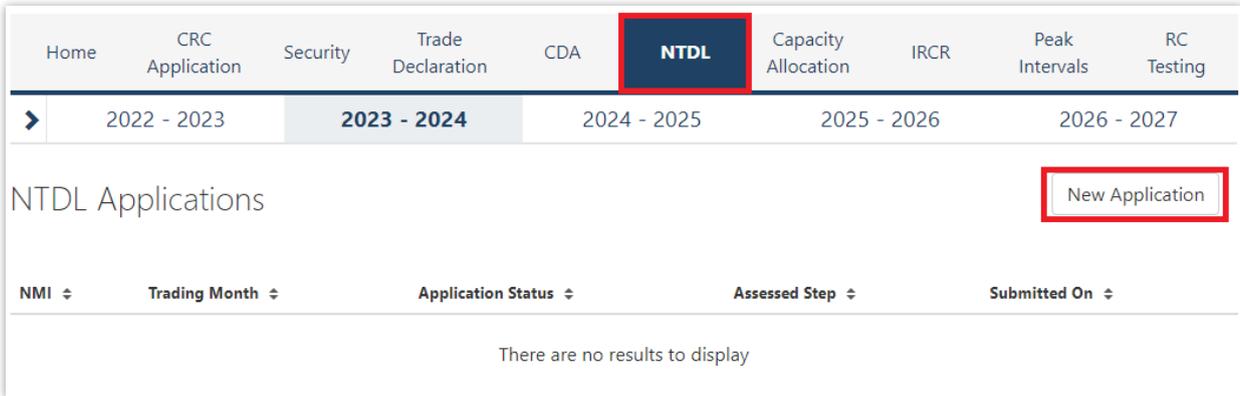


Figure 39 NTDL Application and CDA pending



Figure 40 NTDL Application and CDA submitted



## 4.11 Capacity Credit Allocation

This section should be read in conjunction with the [WEM: Capacity Credit Allocations](#). Capacity Credit Allocations (**CCA**) are managed in the RCM portal.

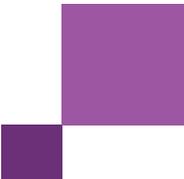
The Capacity Allocation tab displays a snapshot of CCA details (see Figure 41). Any emails relating to CCAs are sent to the Source Participant Main Contact User and the user who submitted the CCA. When a CCA is approved, rejected, or withdrawn by a Market Participant, or amended by AEMO, an email is also sent to the Target Participant Main Contact User.

Figure 41 Capacity Credit Allocation display

#### 4.11.1 Capacity Credit Allocation for a Trading Day

The steps for a Market Participant to submit a CCA for a Trading Day are:

1. Navigate to the Capacity Allocation tab, ensure the correct Trading Day is selected (see Figure 42).
2. Click the New CCA Submission for TD button (see Figure 42).
- 2.1. **Note:** when a Trading Day is selected for which the CCA Submission Window is not open, the New CCA Submission for TD button will be greyed out.
3. This button will open a New CCA Submissions window as a pop-up (see Figure 43). Existing CCAs will not be displayed as this is only to generate new CCAs.
4. The Facility drop-down menu lists all Facilities in alphabetical order registered to the Market Participant. Select the Facility the CCA relates to from the drop-down menu.

- 
5. Select the Market Participant the CCA relates to from the Target Participant drop-down menu which lists all Target Participants in alphabetical order.
  6. Enter the Allocation amount.
  7. Click the Submit button. Please note, an error will be displayed (see Figure 44) and the CCA will not be submitted if any of the following validations are not met:
    - 7.1. All fields are mandatory and must be non-null;
    - 7.2. The CCA field must be greater than 0; and
    - 7.3. The CCA field must not be more than 3 decimal places.
  8. Upon submission, the CCA will be moved to status Submitted while it is assessed by AEMO as follows:
    - 8.1. If the CCA Submission does not result in an over allocation of Capacity Credits for the relevant Facility, it will be updated to status Approved.
    - 8.2. If the CCA Submission does result in an over allocation of Capacity Credits for the relevant Facility, it will be updated to status Rejected.
  9. If the CCA is approved, an email notification will be sent to the Source Participant and the respective Target Participant informing them that CCA has been approved by AEMO.
  10. If the CCA is rejected, an email notification will be sent to the Source Participant informing them that CCA has been rejected by AEMO.
  11. Once the application has been submitted, the CCA will be displayed below the CCA Submissions table (see Figure 45). The CCA Submissions table includes an option to filter by each field and view More Details about the CCA Submission by selecting the “>” icon.

**Note:** if the Cancel button is selected, the new CCA Submission will not be created.

Figure 42 Capacity Credit Allocation for a Trading Day

The screenshot shows a web interface with a top navigation bar containing tabs: Home, CRC Application, Security, Trade Declaration, CDA, NTDL, Capacity Allocation (highlighted), IRCR, Peak Intervals, and RC Testing. Below the navigation bar is a year selection menu with options: 2021 - 2022, 2022 - 2023, 2023 - 2024 (selected), 2024 - 2025, and 2025 - 2026. The main content area is titled "Capacity Credit Allocations (CCA)" and contains a red-bordered box with the text "CCA Submission Window open for: 01/10/2023 - 16/11/2023". Below this is a button labeled "Edit CCA Standing Submission List for CY". Further down, there is a "Trading Day" dropdown menu with "01/10/2023" selected and a red-bordered box around it, and a button labeled "New CCA Submission for TD" also with a red-bordered box around it.

Figure 43 Capacity Credit Allocation for a Trading Day Window

The screenshot shows a form titled "New CCA Submission for TD: 01-10-2023". It contains three input fields: "Facility" (a dropdown menu), "Target Participant" (a dropdown menu), and "CCA" (a text input field). At the bottom right of the form are two buttons: "Cancel" and "Submit".

Figure 44 Capacity Credit Allocation Submission Error

The screenshot shows the same form as Figure 43, titled "New CCA Submission for TD: 01-10-2023". At the bottom of the form, there is a red error message box with the text "All fields are mandatory and CCA must be > 0." and a close button (X).

**Figure 45 Capacity Credit Allocation Submissions Table**

CCA Submissions							
Filter CCAs							
Id	Source Participant	Facility	Target Participant	CCA	Status	Actions	More Details
5180	PARTICIPANT 1	FACILITY 1	PARTICIPANT 1	1	APPROVED	Withdraw	>
5216	PARTICIPANT 1	FACILITY 3	PARTICIPANT 2	44	SUBMITTED		>
5217	PARTICIPANT 1	FACILITY 2	PARTICIPANT 3	78	REJECTED		>
5218	PARTICIPANT 1	FACILITY 2	PARTICIPANT 3	65	APPROVED	Withdraw	>
5219	PARTICIPANT 1	FACILITY 4	PARTICIPANT 4	55	APPROVED	Withdraw	>

### 4.11.2 Capacity Credit Allocation Standing Submission

The steps for a Market Participant to submit a CCA Standing Submission for the Capacity Year are:

1. Navigate to the Capacity Allocation tab.
2. Click the Edit CCA Standing Submission List for CY button (see Figure 46).
3. This button will open a CCA Standing Submissions List window for the Capacity Year as a pop-up (see Figure 47). The list will be empty if there are no saved CCA Standing Submissions for the selected Capacity Year. If there are previously saved CCA Standing Submissions, then one row will be displayed for each CCA Submission and all fields for these submissions can be edited.
4. To add a CCA Standing Submission select the “+” icon. For each CCA Standing Submission, select the Facility the CCA relates to from the Facility drop-down menu, the Market Participant the CCA relates to from the Target Participant drop-down menu and the enter the Allocation amount in the Capacity Credits field.
5. When making a CCA Standing Submission:
  - 5.1. Each CCA Standing Submission can be removed using the “x” icon.
  - 5.2. Each CCA Standing Submission is draggable to allow ordering.
  - 5.3. The Clear All button will remove all submissions in the list.
6. Click the Cancel button to remove all changes made to the CCA Standing Submission list since the last save.
7. Click the Save button. The CCA Standing Submissions window has a single Save button which saves all capacity allocations in order (where the top submission is submitted first) to be converted to CCA Submissions when the CCA Window opens for each Trading Day. Please note, the Save button will be greyed out when any of the fields are empty.
8. When the list has been saved, a message will be shown (see Figure 48).
9. The CCA Standing Submission list will be converted to CCA Submissions in accordance with the WEM Procedure.

10. Once the CCA Standing Submissions are converted to CCA Submissions for a Trading Day, they will appear in the CCA Submissions table for the Trading Day.

**Note:** when the CCA Standing Submission list is amended, it will not update CCA Submissions for any Trading Days for which the CCA Window is already open.

**Figure 46 Edit Capacity Credit Allocation Submission List for CY button**

The screenshot shows a navigation menu with tabs: Home, CRC Application, Security, Trade Declaration, CDA, NTDL, **Capacity Allocation**, IRCR, Peak Intervals, and RC Testing. Below the menu, a timeline shows years from 2021 to 2026, with 2023-2024 selected. The main content area is titled 'Capacity Credit Allocations (CCA)' and includes a sub-header 'CCA Submission Window open for: 01/10/2023 - 16/11/2023'. A red box highlights the button 'Edit CCA Standing Submission List for CY'. Below this, there is a 'Trading Day' dropdown menu set to '01/10/2023' and a 'New CCA Submission for TD' button.

**Figure 47 Market Participant Capacity Credit Allocation Submission pop out window**

The screenshot shows a pop-out window titled 'CCA Standing Submission List for CY 23/24'. It contains a table with the following columns: Facility, Target Participant, Capacity Credits, a plus sign (+), a delete icon (x), and a menu icon (three horizontal lines). The table has four rows of data:

Facility	Target Participant	Capacity Credits	+	x	☰
FACILITY 1	PARTICIPANT 2	1			
FACILITY 2	PARTICIPANT 3	200			
FACILITY 3	PARTICIPANT 4	117.2			
FACILITY 3	PARTICIPANT 4	0.5			

At the bottom of the window, there are three buttons: 'Clear All', 'Cancel', and 'Save'.

**Figure 48 Standing Capacity Credit Allocation submitted**

Home CRC Application Security Trade Declaration CDA NTDL **Capacity Allocation** IRCR Peak Intervals RC Testing

2022 - 2023 **2023 - 2024** 2024 - 2025 2025 - 2026 2026 - 2027

### Capacity Credit Allocations (CCA)

CCA Submission Window open for: 01/10/2023 - 13/10/2023

Edit CCA Standing Submission List for CY

Trading Day ⓘ

01/10/2023 × New CCA Submission for TD

Standing submissions have all been submitted

#### 4.11.3 Market Participant Withdraws Capacity Credit Allocation

The steps for a Market Participant to withdraw a CCA are:

1. Navigate to the Capacity Allocation tab, ensure the correct Trading Day is selected, and scroll down to the CCA Submissions table.
2. Find the CCA that you would like to withdraw and click the Withdraw button (see Figure 49).
3. Once the CCA withdrawal is successful, the CCA Summary will show the CCA with a status of Withdrawn (see Figure 50).
4. An email notification will be sent to the Source Participant and the Target Participant informing them that a CCA has been withdrawn.

Figure 49 Withdraw Capacity Credit Allocation

The screenshot shows the 'CCA Submissions' interface. At the top, there is a 'Trading Day' dropdown set to '01/10/2023' and a 'New CCA Submission for TD' button. Below this is a 'Filter CCAs' input field containing '518'. The main table has the following data:

Id	Source Participant	Facility	Target Participant	CCA	Status	Actions	More Details
5180	PARTICIPANT 1	FACILITY 2	PARTICIPANT 2	1	APPROVED	<b>Withdraw</b>	>

Figure 50 Successful withdrawal of Capacity Credit Allocation

The screenshot shows the 'CCA Submissions' interface after a successful withdrawal. The 'Trading Day' dropdown is still '01/10/2023'. The 'Filter CCAs' input field is empty. The main table now shows the status of the CCA Submission updated to 'WITHDRAWN':

Id	Source Participant	Facility	Target Participant	CCA	Status	Actions	More Details
5180	PARTICIPANT 1	FACILITY 2	PARTICIPANT 2	1	<b>WITHDRAWN</b>		>

#### 4.11.4 Market Participant can view Capacity Credit Allocations

The steps for a Market Participant to view made or received CCAs are:

1. Navigate to the Capacity Allocation tab and ensure the correct Trading Day is selected (see Figure 51).
2. View and filter CCA Submissions in the CCA Submissions table. Both the Source Participant and Target Participant will be able to view a CCA Submission. Note that no actions are available for the Target Participant to against the CCA Submission.
3. For each CCA Submission, more details can be viewed by selected the ">" icon.

**Note:** CCAs in status Rejected or Withdrawn will not be visible to the Target Participant.

**Figure 51 View Capacity Credit Allocation Submissions**

### 4.11.5 Market Participant can view Amendment Requests

An email notification will be sent to the CCA Source Participant if AEMO identifies that a CCA Submission for a Trading Day within the CCA window requires amendment to ensure CCAs are not greater than assigned capacity credits for each Facility.

The steps for a Market Participant to view the amendment requests are:

1. Navigate to the Capacity Allocation tab, ensure the correct Trading Day is selected, and scroll down to the CCA Amendment Requests table (see Figure 52).
2. The field New CC indicates how many capacity credits are assigned to the listed Facility for the Trading Day.
3. The Source Participant may amend the number of CCA Submissions made for the relevant Facility by withdrawing Approved CCAs and submitting new ones (see section 4.11.1 and 4.11.2).
4. Where AEMO automatically amends a CCA Submission in accordance with the WEM Procedure, Market Participants can view the amended Submissions in the CCA Submissions table.

**Figure 52 Viewing Capacity Credit Allocation Amendment Requests**

CCA Amendment Requests			
<b>Id</b> ↕	<b>Source Participant</b> ↕	<b>Facility</b> ↕	<b>New CC</b> ↕
1001	PARTICIPANT 1	FACILITY 1	13
1071	PARTICIPANT 1	FACILITY 4	50

## 4.12 Individual Reserve Capacity Requirements

This section should be read in conjunction with the [WEM Procedure: Individual Reserve Capacity Requirements](#).

To view IRCR results, select **RCM portal > IRCR** for the relevant Capacity Year.

This will display all IRCR runs by Trading Month with their respective date of publication and the Run ID representing the number of IRCR runs (see Figure 53).

**Figure 53 IRCR dashboard**

Home	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	<b>IRCR</b>	Peak Intervals	RC Testing
>	2022 - 2023	<b>2023 - 2024</b>		2024 - 2025		2025 - 2026		2026 - 2027	
IRCR									
Trading Month	Run ID	Run Date	Run Type						
November 2023	217	01/03/2023 17:36	Indicative	Summary PIR LOG					
October 2023	233	12/07/2023 10:31	Indicative	Summary PIR LOG					

In order to view the IRCR details, click on Summary (see Figure 54).

The Summary displays a snapshot of IRCR results, including the ratios, the 12 Peak SWIS Trading Intervals (from the preceding Hot Season), the 4 Peak SWIS Trading Intervals of the relevant month, and the Run Type (see Figure 55).

**Figure 54 IRCR Summary**

Home	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	<b>IRCR</b>	Peak Intervals	RC Testing
>	2022 - 2023	<b>2023 - 2024</b>		2024 - 2025		2025 - 2026		2026 - 2027	
IRCR									
Trading Month	Run ID	Run Date	Run Type						
November 2023	217	01/03/2023 17:36	Indicative	<b>Summary</b> PIR LOG					
October 2023	233	12/07/2023 10:31	Indicative	Summary PIR LOG					

Figure 55 IRCR Details

IRCR Run Information							
Run ID	Trading Month	Run Date		Run Type			
233	Oct 2023	12 Jul 2023 10:31AM		Indicative			
<b>Results</b>							
Participant	TPTDLCR	TPNTDLCR	TPNMNTCR	TPNMTDCR	TPILRCR	IRCR_X	IRCR
PARTICIPANT 1	176.919	130.786	0	0	0	307.705	307.705
<b>Legend</b>							
TPTDLCR	Participant Temperature Dependent Reserve Capacity Requirement						
TPNTDLCR	Participant Non-Temperature Dependent Reserve Capacity Requirement						
TPNMNTCR	Participant New Meter Non-Temperature Dependent Reserve Capacity Requirement						
TPNMTDCR	Participant New Meter Temperature Dependent Reserve Capacity Requirement						
TPILRCR	Participant Intermittent Load Reserve Capacity Requirement						
IRCR_X	Sum of Participant Reserve Capacity Requirement						
<b>Ratios</b>							
TDL Ratio	NTDL Ratio	Total Ratio					
0.7240	1.1121	1.0000					
<b>Peaks</b>							
Four Peaks	19/07/2023 18:30	Hot Season Peaks		19/08/2023 17:30			
	19/07/2023 19:00			19/08/2023 21:30			
	19/07/2023 18:00			19/08/2023 19:30			
	19/07/2023 19:30			19/08/2023 21:00			
				19/08/2023 18:00			
				19/08/2023 18:30			
				19/08/2023 19:00			
				19/08/2023 20:30			
				19/08/2023 22:30			
				19/08/2023 17:00			
				19/08/2023 22:00			
				19/08/2023 20:00			

The Run Type will be displayed as one of the following settlement runs; settlement run information is detailed in the [Settlement Cycle Timeline](#):

- Indicative;
- Initial; or
- Adjustment 1, 2 or 3.

The IRCR Participant Information Record (PIR) and IRCR Logs for Trading Months June 2019 onwards can be downloaded from the PIR and LOG hyperlinks next to the relevant run (see Figure 56). IRCR PIR and IRCR Logs prior to June 2019 remain in the Settlements Portal.

**Figure 56 IRCR PIR and IRCR log**

Home	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	<b>IRCR</b>	Peak Intervals	RC Testing
>	2022 - 2023	<b>2023 - 2024</b>	2024 - 2025	2025 - 2026	2026 - 2027				
IRCR									
Trading Month	Run ID	Run Date	Run Type						
October 2023	233	12/07/2023 10:31	Indicative	Summary	<b>PIR LOG</b>				
November 2023	217	01/03/2023 17:36	Indicative	Summary	PIR LOG				

### 4.13 Peak SWIS Trading Intervals

To view or download the 4 and 12 Peak SWIS Trading Intervals, select **RCM portal > Peak Intervals** (see Figure 57).

**Figure 57 Peak SWIS Trading Intervals**

Home	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	<b>Peak Intervals</b>	RC Testing
Peak Intervals									
4 Peaks					12 Peaks				
<b>Download</b>									
PUBLISHED 4 PEAKS ▼									
<b>May 2023</b>									
25/05/2023 18:30									
25/05/2023 18:00									
31/05/2023 18:00									
26/05/2023 18:30									
<b>April 2023</b>									
25/04/2023 18:00									
27/04/2023 18:00									

### 4.14 RC Testing

This section should be read in conjunction with the [WEM Procedure: Reserve Capacity Testing](#).

To access the RC Testing page in the RCM portal, select **RCM Portal > RC Testing**. The RC testing page displays either the summer (1 October to 31 March) or winter (1 April to 30 September) testing periods for the selected Capacity Year (see Figure 58).

Figure 58 RC Testing page

The screenshot shows the 'RC Testing' page with a navigation bar at the top containing links for Home, Indicative Facility Class, CRC Application, Security, Trade Declaration, CDA, NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below the navigation bar, a year selection menu is open, showing '2023 - 2024' as the selected year. The page title is 'Reserve Capacity Testing'. Two testing periods are listed: '01 October 2023 - 31 March 2024' and '01 April 2024 - 30 September 2024'. A table displays testing results for a facility named 'SF' with a 'Testing Status: Passed'. The table includes columns for Facility name, Observation, RC Test 1, RC Test 2, and RC Test 3, along with a 'Detailed Report' button.

Facility name	Observation	RC Test 1	RC Test 2	RC Test 3	Detailed Report
Non liquid SF	01 Oct - 28 Nov Passed	Not Available	Not Available	Not Available	

To view the RC Testing results, select the relevant Capacity Year, and select either the summer or winter testing period. The user can view the interactive components of each Facility/Facilities owned by the Market Participant as an individual record where:

- Scheduled Facility results can be viewed during both summer and winter testing periods (see Figure 59).
- Demand Side Programme results can only be viewed during the summer testing period (see Figure 60).

Figure 59 Records for a Scheduled Facility

The screenshot shows a table of testing results for a facility named 'SF'. The table includes columns for Facility name, Observation, RC Test 1, RC Test 2, and RC Test 3, along with a 'Detailed Report' button. The testing status is 'Passed'.

Facility name	Observation	RC Test 1	RC Test 2	RC Test 3	Detailed Report
Non liquid SF	01 Oct - 04 Oct Passed	Not Available	Not Available	Not Available	

Figure 60 Records for a DSP

Testing Status: Passed				
Facility name	Verification 1 11 Nov - 10 Dec	Verification 2	RC Test 1 23 Jan - 06 Feb	RC Test 2
DSP	Passed	Not Available	Passed	Not Available

[Request Verification Test](#)  
[Detailed Report](#)

Each field the user can view for the relevant Facility type is described in Table 6.

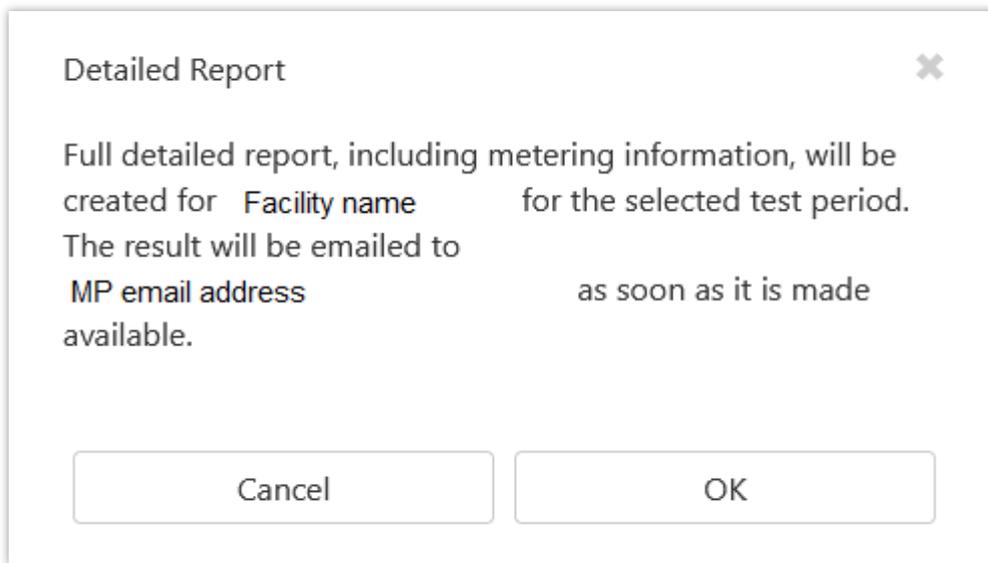
Table 6 RC Testing results fields description

Field Name	Facility Type	
	Scheduled Facility	DSP
<b>Facility identification information</b>	<ul style="list-style-type: none"> <li>Facility short name.</li> <li>Fuel type (from certification records for the relevant Capacity Year).</li> <li>Facility Class.</li> </ul>	<ul style="list-style-type: none"> <li>Facility short name.</li> <li>Facility Class.</li> </ul>
<b>Testing status</b>	<p>Overall testing status of the most recent result which can be either:</p> <ul style="list-style-type: none"> <li>Not Passed (for the observation test phase only).</li> <li>Passed.</li> <li>Failed.</li> </ul>	<p>Overall testing status of the most recent result which can be either:</p> <ul style="list-style-type: none"> <li>Not Available (where a Verification Test has not been requested).</li> <li>Passed.</li> <li>Failed.</li> </ul>
<b>Observation</b>	<p>Displays the result for the two consecutive Trading Intervals with the highest output over the observation period and the following information:</p> <ul style="list-style-type: none"> <li>Output at the ambient temperature.</li> <li>Output adjusted to 41°C.</li> <li>Capacity Credits.</li> </ul>	NA
<b>Verification (1 and 2)</b>	NA	<p>Displays the outcome of the first and second (if required) Verification Tests, and, for the Trading Interval with the highest curtailment, the following information:</p> <ul style="list-style-type: none"> <li>Actual meter reading.</li> <li>Capacity Credits.</li> <li>Relevant Demand.</li> </ul> <p>Where a Verification Test has not been scheduled, the status will be Not Available.</p>
<b>RC Test 1</b>	<p>Displays the outcome of the first Reserve Capacity Test (Passed or Failed) and, for each Trading Interval, the following information:</p> <ul style="list-style-type: none"> <li>Output at the ambient temperature.</li> <li>Output adjusted to 41°C.</li> <li>Capacity Credits.</li> </ul> <p>Where test data has not been received, the status will be Failed and the results will show as Not Available.</p>	<p>Displays the outcome of the first Reserve Capacity Test (Passed or Failed) and, for each Trading Interval, the following information:</p> <ul style="list-style-type: none"> <li>Output at the ambient temperature.</li> <li>Output adjusted to 41°C</li> <li>Capacity Credits.</li> </ul> <p>Where test data has not been received, the status will be Failed and the results will show as Not Available.</p>
<b>RC Test 2</b>	<p>Displays the same information as for the first Reserve Capacity Test.</p>	<p>Displays the same information as for the first Reserve Capacity Test.</p>

Field Name	Facility Type	
	Scheduled Facility	DSP
RC Test 3	Displays the same information as for the first Reserve Capacity Test, but the outcome is Third TestExecuted.	NA

The user can view/download a detailed report for the summer or winter test period for each Facility by clicking on the Detailed Report button. A pop-up window will show the email address the report will be sent to (see Figure 61).

**Figure 61 Detailed Report pop-up window**



For a DSP Facility, the Request Verification Test button is used to notify AEMO of the Trading Intervals during which a Market Participant intends to perform a Verification Test. A pop-up window is used to select the Trading Intervals (see Figure 62). This button is only available between 1 October and 30 November and will be greyed out at other times.

Figure 62 Verification Test pop-up window

Request Verification Test ✕

Trading Interval Start\*

Trading Interval End\*

Cancel Submit

# Glossary

Term	Definition
<b>AEMO</b>	Australian Electricity Market Operator
<b>IRCR</b>	Individual Reserve Capacity Requirement
<b>LFAS</b>	Load Following Ancillary Services
<b>MPA</b>	Market Participant Administrator
<b>MPI</b>	Market Participant Interface
<b>NDL</b>	Non-Dispatchable Load
<b>NMI</b>	National Meter Identifier
<b>Participant</b>	In the context of this document, Participant is used in general terms to mean any registered Rule Participant, unless otherwise specified
<b>RCM</b>	Reserve Capacity Mechanism
<b>RSA SecurID Token</b>	Third party security token for performing two-factor authentication for a user to a network source
<b>SCADA</b>	Supervisory Control and Data Acquisition system for measuring metering data.
<b>STEM</b>	Short Term Energy Market
<b>SWIS</b>	South West Interconnected System
<b>WEM</b>	Wholesale Electricity Market
<b>WEM PaSS</b>	Wholesale Electricity Market Prudential and Settlement Service
<b>WEM Rules</b>	Wholesale Electricity Market Rules
<b>WEMS</b>	Wholesale Electricity Market Systems