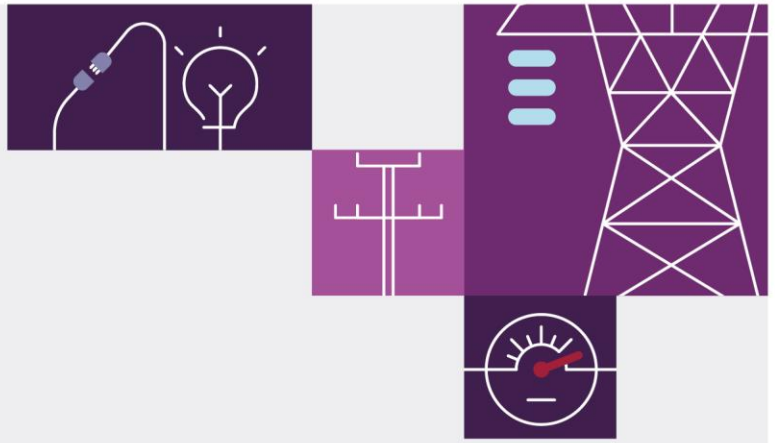


WEMS MPI User Guide: Reserve Capacity Mechanism

March 2025

Version 4





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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Version control

Version	Release date	Changes
1.0	11 August 2023	Initial release
2.0	29 February 2024	Updated for RCM Release 2.2
3.0	21 August 2024	Updated for RCM Release 3.1
4.0	6 March 2025	Updates for RCM Release 3.2 and minor updates to add missing information for IRCR PIR and LOG files



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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.

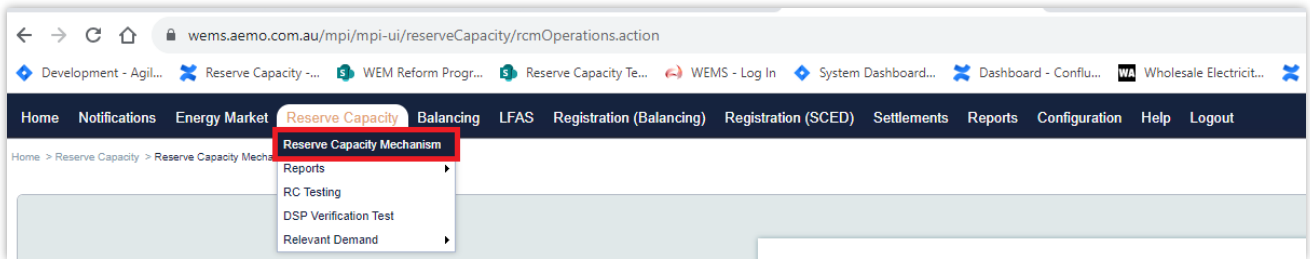
2 System Requirements

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

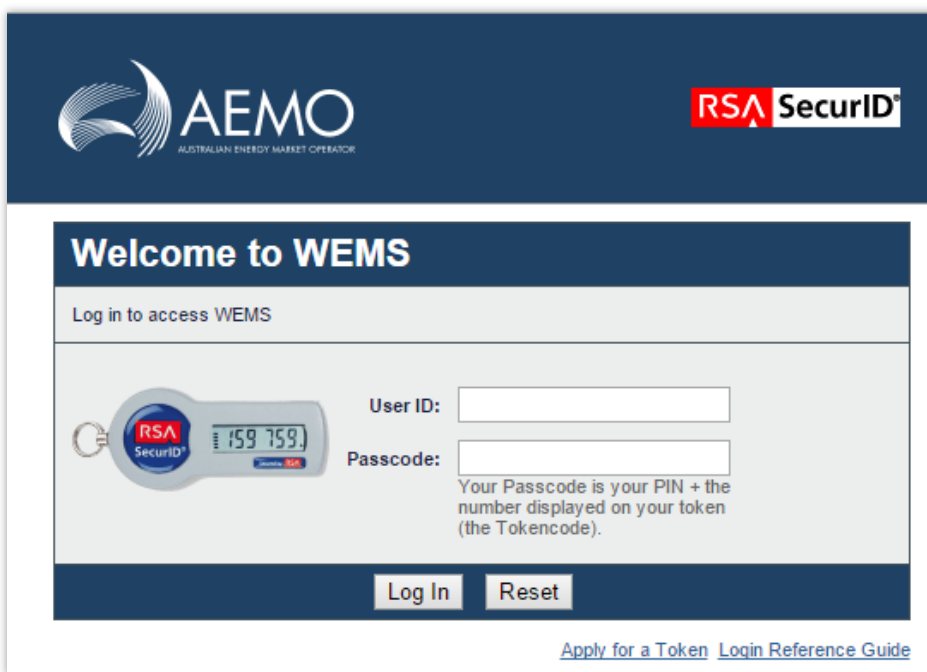
The RCM portal is accessed by logging into WEMS MPI (<https://wems.aemo.com.au/mpi/>) and navigating to **Reserve Capacity > Reserve Capacity Mechanism** (see Figure 1).

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.



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.

For all other queries relating to Reserve Capacity please contact WA Capacity Investment & Assessment at 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


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					
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							...
Download All 										

Table 1 RCM dashboard descriptions

Tab Name	Description
Fixed Price Reserve Capacity	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.
IRCR	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.
Reserve Capacity	The number of Capacity Credits assigned to Facilities that are subject to the Reserve Capacity Price, and the associated price in dollars per MW.
Transitional Reserve Capacity	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
Capacity Allocation	The allocation of Capacity Credits traded outside of the WEM.
CDA	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.
CRC Application	Applications for Certified Reserve Capacity.
Indicative Facility Class	View the Indicative Facility Class and technology types assigned to each Facility.
IRCR	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.
NTDL	Non-Temperature Dependent Load Applications and results.
Peak Intervals	Displays the 4 and 12 Peak SWIS Trading Intervals used in the IRCR.
RC Testing	View and download Reserve Capacity Test and Verification Test results for the summer and winter testing periods.
Security	Displays a summary of the Reserve Capacity Security and DSM Reserve Capacity Security held by AEMO.
Trade Declarations	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	2023 - 2024	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										
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							
Download All ⓘ										

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
<div><div>◀</div><div>2022</div><div>2022 - 2023</div><div>2023 - 2024</div><div>2024 - 2025</div><div>2025 - 2026</div><div>2026 - 2027</div><div>▶</div></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										
<div></div>										

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

Home	Indicative Facility Class	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
2022	2022 - 2023	2023 - 2024	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										
Facility	Facility Class	Facility Status	Price Type	Capacity Credits						
Facility1	SF	O	T							
Facility2	SF	O	T	Facility Management						
Facility3	SF	O	T							

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

4.2.1 Capacity Credit information

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

Home

Indicative Facility Class

CRC Application

Security

Trade Declaration

CDA

NTDL

Capacity Allocation

IRCR

Peak Intervals

RC Testing

>

2023 - 2024

2024 - 2025

2025 - 2026

2026 - 2027

2027 - 2028

SF

Facility Name
 Commercial Operation (01/07/2003)
 Transitional (2021-22 until 2030-31)
 Effective 14/08/2024

Capacity Credits:

EPOH:

-

NAQ:

Price:

Components

Component Name	CC (Capacity Credits)	Effective From	Effective To	Note	Participant Reduction
Facility1_IGS_01		01/01/2024 08:00	01/10/2025 08:00	RCM assigned CC - Appendix 3	<div>Details</div>

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

Component Capacity Credits Timeline

×

Component

Facility_NIGS_01

Initial Required Level:

Adjusted Required Level:

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

Home

Indicative Facility Class

CRC Application

Security

Trade Declaration

CDA

NTDL

Capacity Allocation

IRCR

Peak Intervals

RC Testing

>

2023 - 2024

2024 - 2025

2025 - 2026

2026 - 2027

2027 - 2028

NSF

Facility name
Commercial Operation (05/09/2008)
Transitional (2021-22 until 2030-31)
Effective 14/08/2024

Capacity Credits:

EPOH:

NAQ:

Initial Required Level:

Price:

Adjusted Required Level:

Capacity Credit Timeline

CC ↕	Effective From ↕	Effective To ↕	Note ↕	Participant Reduction ↕
	01/01/2024 08:00	01/10/2025 08:00	RCM assigned CC - Appendix 3	

4.2.2 Nomination of Capacity Credits assigned to components

This section should be read in conjunction with clause 4.20.16 of the WEM Rules.

When a Facility has multiple components or component upgrades, and the assigned Capacity Credits is less than the Traded CRC (i.e. the NAQ has reduced the Facility's capacity), the Market Participant must nominate the quantity of Capacity Credits to be assigned to each component. This nomination is made through the Facility Management page in the RCM Portal (see Figure 11).

Figure 11 Initial view

Capacity Credit nomination for Components

Edit

Facility Name	Assigned Capacity Credits	Remaining
	47.5	47.5
ESR Component	Traded	Nomination *
	20	<input type="text"/>
NIGS Component	Traded	Nomination *
	31.5	<input type="text"/>

Clicking the Edit button will allow the Nomination fields to be updated (see Figure 12). The Remaining quantity will update as the nomination changes. Clicking the Cancel button clears the nominations and returns the page to read-only.

Figure 12 Edit view

Capacity Credit nomination for Components

Cancel

Save

Facility Name	Assigned Capacity Credits	Remaining
	47.5	-2

ESR Component	Traded	Nomination *
	20	<input type="text" value="18"/>

NIGS Component	Traded	Nomination *
	31.5	<input type="text" value="31.5"/>

The nomination must be less than or equal to the Traded CRC for the applicable component or upgrade. If it is not, then a validation message will be displayed and the Save button will be disabled (see Figure 13).

Figure 13 Nomination validation

Capacity Credit nomination for Components

Cancel

Save

Facility Name	Assigned Capacity Credits	Remaining
	47.5	-33.5

ESR Component	Traded	Nomination *
	20	<div><input type="text" value="21"/><div>The Nomination must be less than or equal to 20</div></div>

NIGS Component	Traded	Nomination *
	31.5	<div><input type="text" value="60"/><div>The Nomination must be less than or equal to 31.5</div></div>

Clicking the Save button will validate if the Nomination amount equals the Assigned Capacity Credits. An error message will be displayed if Remaining does not equal zero (see Figure 14).

Figure 14 Error message

Capacity Credit nomination for Components

There was an error saving the nomination

- 'Remaining' must be equal to 0.

Cancel Save

Facility Name	Assigned Capacity Credits	Remaining
	47.5	-2
ESR Component	Traded	Nomination*
	20	<input type="text" value="18"/>
NIGS Component	Traded	Nomination*
	31.5	<input type="text" value="31.5"/>

On successfully saving the nomination, the Submit button will become available (see Figure 15).

Figure 15 Submit nomination

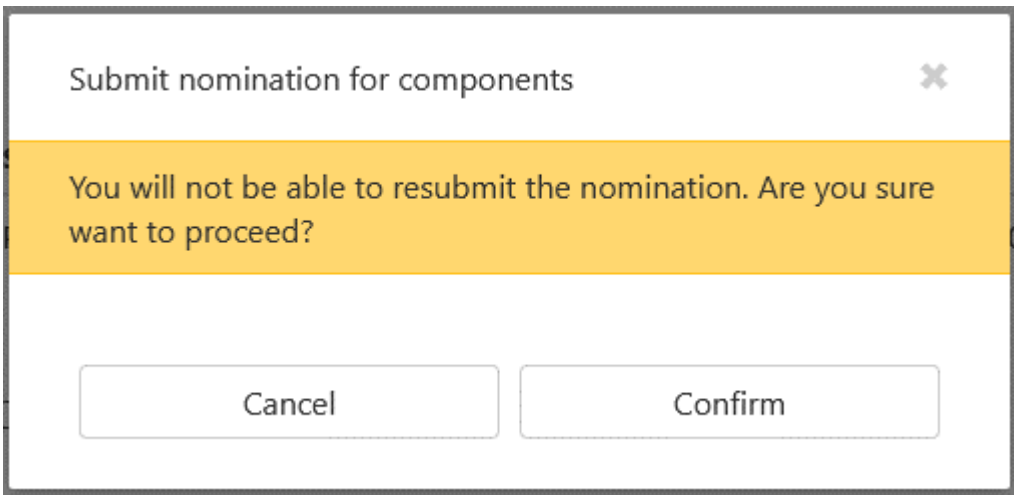
Capacity Credit nomination for Components

Edit Submit

Facility Name	Assigned Capacity Credits	Remaining
	47.5	0
ESR Component	Traded	Nomination*
	20	<input type="text" value="16"/>
NIGS Component	Traded	Nomination*
	31.5	<input type="text" value="31.5"/>

A pop-up window will be displayed asking the user to confirm the nomination (see Figure 16). Click Confirm in the pop-up window to commit the nomination, or click the Cancel button to return to editing the nomination. Clicking confirm will display a message that the nomination is saved successfully.

Figure 16 Confirm nomination



Submit nomination for components

You will not be able to resubmit the nomination. Are you sure want to proceed?

Cancel Confirm

Once the nomination has been confirmed, it cannot be changed (see Figure 17). The nomination may be viewed in the Facility Management page but cannot be edited or re-submitted.

Figure 17 Completed nomination

Capacity Credit nomination for Components		
Facility Name	Assigned Capacity Credits	Remaining
	47.5	0
ESR Component	Traded	Nomination *
	20	16
NIGS Component	Traded	Nomination *
	31.5	31.5

4.2.3 Facility Sub-Metering

This section should be read in conjunction with the [WEM Procedure: Facility Sub-Metering](#).

Facility Sub-Metering data is submitted through the Facility Management page (see Figure 18). The Facility Sub-Metering section will only appear for Facilities that have multiple components with assigned Capacity Credits.

Figure 18 Facility Sub-Metering user interface

Home
Indicative Facility Class
CRC Application
Security
Trade Declaration
CDA
NTDL
Capacity Allocation
IRCR
Peak Intervals
RC Testing

>
2023 - 2024
2024 - 2025
2025 - 2026
2026 - 2027
2027 - 2028

SSF

Facility
Committed (21/04/2023)

Effective 14/08/2024

Capacity Credits: 100.00
EPOCH: -
NAQ: 100.00
Price: \$100,000.00

Components

Component Name	CC (Capacity Credits)	Effective From	Effective To	Note	Participant Reduction
ESR Component	80.00	01/01/2024 08:00	01/10/2025 08:00	RCM assigned CC - Appendix 3	Details
IGS Component	20.00	01/01/2024 08:00	01/10/2025 08:00	RCM assigned CC - Appendix 3	Details

Facility Sub-Metering

Component Name	Effective From	Effective To	Status	Data	Override Data
There are no results to display					

Upload Data

Clicking on the Upload Data button will expand the interface (see Figure 19). A template file can be downloaded from underneath the file upload box. All fields are mandatory (denoted by the red asterisk) and must not be empty to enable the Save button. Clicking in the Component field opens a drop-down box allowing the user to select the component from a pre-filled list of options that includes all the Facility's components.

Figure 19 Upload user interface

Facility Sub-Metering

Component Name	Effective From	Effective To	Status	Data	Override Data
There are no results to display					

Upload Data

Component * Effective From * Effective To *

Save Cancel

File Upload *
No documents uploaded

Validations are applied to the Effective From and Effective To dates to ensure that:

- The Effective From date is before the Effective To date.
- Both dates are within the relevant Capacity Year.
- The format is dd/mm/yyyy.

The Save button will be disabled if the user enters dates that do not conform to these validations.

Once the component has been selected and the Effective From and Effective To dates have been entered, the File Upload box will become visible (see Figure 20). A data file can be uploaded by dragging and dropping or clicking inside the box to allow the user to select a file.

Figure 20 File Upload displayed

Upload Data

Component * Effective From * Effective To *

ESR Component 14/08/2024 15/08/2024

Save Cancel

File Upload *
Drag file here or browse

Download Template

The Facility Sub-Metering data upload file is validated as follows:

- File type is csv.
- Headers are correct and all columns are included in the file according to the template.
- All columns of the csv contain data.

- Trading Interval format is dd/mm/yyyy hh:mm.
- Component name in the csv matches the component name selected in the drop-down list.
- Data is for the period entered into the Effective From and Effective To date fields (e.g. if the Effective From date is 01/10/2024 and the Effective To date is 31/10/2024, the uploaded file must include all Trading Intervals between 08:00 01/10/2024 to 07:30 01/11/2024 inclusive).
- Trading Intervals in the csv are within the relevant Capacity Year (e.g. for the 2024-25 Capacity Year data must be within the period 08:00 01/10/2024 to 07:30 01/10/2025 inclusive).

An error message will be displayed if the file does not pass any of these validations (see Figure 21).

Figure 21 Error message example

Upload Data

Component* Effective From* Effective To*

File Upload*

Upload failed for 'Facility_SubMetering_Template.csv'. The document was in an invalid format. Please check the document against the downloadable 'Document Template' provided and try again.

- Invalid number of columns: should be 4 ('Facility', 'Component', 'Trading Interval', 'Estimated Output'). Occurred 1 times.

Download Template

The Save button will be activated when all fields have been entered and a valid file has been uploaded (see Figure 22).

Figure 22 Active Save button when all information is entered and validated


Upload Data

Component* Effective From* Effective To*

File Upload* Facility_SubMetering_Template.csv (229 B)

Clicking on the Save button will submit the Facility Sub-Metering data for AEMO's review (see Figure 23). The data can be downloaded by clicking the link under the Data column in the table. The Market Participant may upload a subsequent Facility Sub-Metering data file for a different period.

Figure 23 Submitted Facility Sub-metering data

Facility Sub-Metering					
Component Name	Effective From	Effective To	Status	Data	Override Data
ESR Component	14/08/2024 08:00	15/08/2024 08:00	SUBMITTED	 FSM.csv	
<div>Upload Data</div>					

The status will update to ACCEPTED or REJECTED once AEMO has processed the Facility Sub-Metering data (see Figure 24). The Market Participant will be notified of AEMO's decision by an automated email. If AEMO rejects the Facility Sub-Metering data, the Market Participant will be able to upload a new file for the same dates.

Figure 24 Assessed FSM

Facility Sub-Metering			
Component Name	Effective From	Effective To	Status
IGS Component	01/10/2024 08:00	01/11/2024 08:00	ACCEPTED
IGS Component	01/11/2024 08:00	01/12/2024 08:00	REJECTED

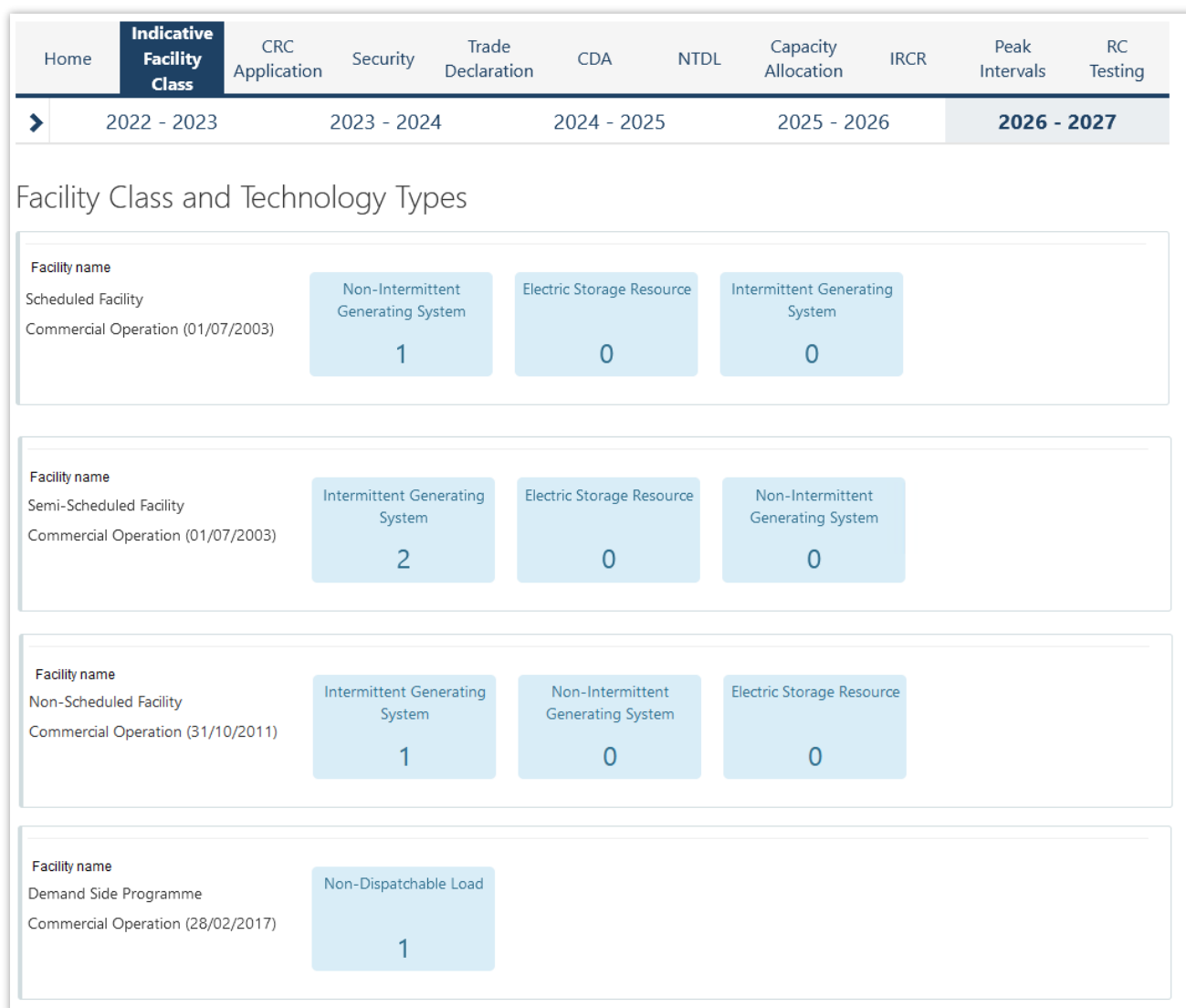
In some circumstances (for example, an error in the data is identified after it has been accepted), AEMO may override the data with a replacement file. If AEMO overrides the Facility Sub-Metering data, the Status will show as OVERRIDDEN.

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 25). A technology type box will display a count of two if a Facility has a component upgrade for that technology type.

Figure 25 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 26). 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 26 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					
<h3>Facility Name</h3> <div> <div> Facility Class Semi-Scheduled Facility </div> <div> EOI Submitted <input checked="" type="radio"/> Yes <input type="radio"/> No </div> <div> EOI Submitted on 19/02/2024 13:00 </div> <div> EOI NAFF ? <input type="radio"/> Yes <input checked="" type="radio"/> No </div> </div>										
Components	Technology Types	Status	Upgrade ?	Existing ?	Eoi Naff ?					
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, Peak Application Status, Flexible Application Status and a timestamp showing when the application was submitted (see Figure 27).

Figure 27 CRC application tab homepage

Home	Indicative Facility Class	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027	2027 - 2028					
Applications for Certification										
Certification Submission Window Closes in										
Application	Facility Class	Facility Status	Peak Application Status	Flexible Application Status	Submitted On					
	SF	O	OPEN	-	-					
	SF	O	OPEN	-	-					

The Application Status is described in Table 3.

Table 3 Application status description

Status	Description
OPEN	The certification window for the relevant Capacity Year is open and the user can submit a CRC application to AEMO.
PENDING	The application has been edited and saved but is yet to be submitted to AEMO.
SUBMITTED	The application has been submitted to AEMO for review.
WITHDRAWN	The submitted application was withdrawn by the user prior to the closure of the certification window.
LAPSED	The application was not submitted prior to the closure of the certification window.
ACCEPTED	AEMO has accepted the CRC application.
REJECTED	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 Investment & Assessment at 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 28).

Figure 28 Static information in the Facility CRC application

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					

Application for Certification

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 29). This can include document uploads or data entry fields.

Figure 29 Example Facility CRC application in edit mode

Facility Requirements ⓘ

Cancel Save

Network Access Confirmation * ⓘ

Drag file here or browse

Declared Sent Out Capacity (DSOC) * (MW)

Contract Expiry * ⓘ

Description of Facility *

Drag file here or browse

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 30). Clicking on the Component name in the table will open a new page showing static information for the component.

Figure 30 Component table in CRC applications

Components ⓘ				
Components	Technology Type	Assigned CRC (MW)	Include ⓘ	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 31). 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 Peak 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 31 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 ?

Facility Class: Scheduled Facility

Component Name:

Assigned CRC: -

[Back](#) [Edit](#)

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 Flexible CRC application

When a CRC application is in edit mode (after clicking the 'Edit' button), a Market Participant can nominate to apply for Flexible CRC in addition to Peak CRC by clicking the relevant checkbox on either the Facility or Component application page, where applicable (see Figure 32). This will enable the Market Participant to provide the relevant information for a Flexible CRC application.

Figure 32 Nominate to apply for Flexible CRC

Apply for Flexible CRC
☒

Flexible Quantity* ⓘ
(MW)

Maximum Ramp Up Rate*
(MW/min)

Maximum Ramp Down Rate*
(MW/min)

Minimum Ramp Up Rate*
(MW/min)

Minimum Ramp Down Rate*
(MW/min)

Minimum Required Running Time*
0 minutes ▼
0 seconds ▼

Minimum time between receiving a Dispatch Instruction in a cold state and operating at the minimum stable loading level*
0 minutes ▼
0 seconds ▼

Minimum time after receiving a Dispatch Instruction to ramp down from the minimum stable loading level to zero output*
0 minutes ▼
0 seconds ▼

Minimum time before the component can be restarted after it is shut down*
0 minutes ▼
0 seconds ▼

Minimum Stable Loading Level* ⓘ
(MW)

Additional supporting documentation
Drag file here or browse

If a Market Participant has applied for Flexible CRC the static information on the Facility and/or Component page will include the Flexible Application status and Assigned Flexible CRC fields (see Figure 33, Figure 34 and Figure 35).

Figure 33 Static Flexible Capacity information in the Facility CRC application

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

2023
2023 - 2024
2024 - 2025
2025 - 2026
2026 - 2027
2027 - 2028

Application for Certification

Participant:

Capacity Year:

Facility Name:

Certification Window:

Facility Class:

Facility Status:

Peak Application Status:

Flexible Application Status:

Assigned Peak CRC:

Assigned Flexible CRC:

Application Type:

NAFF Determination:

Figure 34 Component table with Flexible Capacity information

Components ⓘ							
Components	Technology Type	Include ⓘ	Assigned Peak CRC (MW)	Peak Application Status	Assigned Flex CRC (MW)	Flex Application Status	Updated On
	NIGS	INCLUDED					
	NIGS	EXCLUDED					

Figure 35 Static Flexible Capacity information in the component page

Component CRC Application ⓘ

BackEdit

Facility Class:

Component Name:

Assigned Peak CRC:

Assigned Flexible CRC:

4.4.4 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 be displayed, detailing the missing information (see Figure 36).

Figure 36 Submit button and error message example on the Facility CRC application

HomeIndicative Facility Class**CRC Application**SecurityTrade DeclarationCDANTDLCapacity AllocationIRCRPeak IntervalsRCTesting

>2022 - 20232023 - 20242024 - 20252025 - 2026**2026 - 2027**

Application for Certification

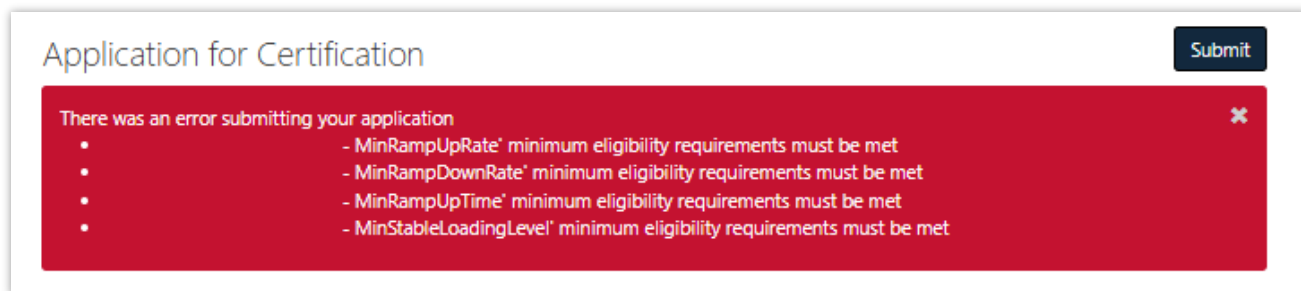
Submit

There was an error submitting your application

- 'ConditionalCrcConfirmation' must not be empty.
- 'DescriptionOfFacilityDocuments' must not be empty.
- 'Dsoc' must not be empty.
- 'DsocExpiry' must not be empty.
- 'NetworkAccessConfirmationDocuments' must not be empty.
- 'OperatingRestrictionsDocuments' must not be empty.
- 'Dispatch Instructions Evidence' must not be empty.
- 'IsApplyingForNcess' must not be empty.
- 'MinStableLevelApplied' must not be empty.

If the Market Participant has applied for Flexible CRC, on clicking 'Submit', the RCM portal will also verify that the information provided for a Facility or component has met the minimum eligibility requirements for Flexible CRC. If the information does not meet the minimum eligibility requirements, an error message will be displayed, listing the field which has not met the requirement (see Figure 37).

Figure 37 Error message example for the Flexible CRC minimum eligibility requirement validations



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 38). A Facility with an Upgrade will be marked with a "U" symbol.

Figure 38 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 39).

Figure 39 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 Investment & Assessment at 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 40). Facilities with upgrades will be marked with a 'U' symbol.

Figure 40 Security display

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										
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 41).

Figure 41 Security Transactions information

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																													
<h3>Security Transactions</h3> <div> <div> Participant: Facility Name: Facility Class: Facility Status: </div> <div> Participant Facility name Semi-Scheduled Facility Committed </div> <div> Capacity Year: Security Category: </div> <div> 2024 - 2025 New Facility </div> </div> <div> <div>Security Lodged:</div> <div>Security Returned:</div> <div>Security Retained:</div> <div>Assigned Credits:</div> <div>Security Calculated:</div> </div> <table border="1"> <thead> <tr> <th>Effective From</th> <th>Action</th> <th>Amount</th> <th>Balance</th> <th>Security Details</th> <th>Supporting Documents</th> </tr> </thead> <tbody> <tr> <td></td> <td>LODGE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>RETURN</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>LODGE</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>											Effective From	Action	Amount	Balance	Security Details	Supporting Documents		LODGE						RETURN						LODGE				
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 42).

Figure 42 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 43) will open a window that displays all security transactions made for the DSP by the Market Participant (see Figure 44).

Figure 43 '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
Status	The current RC Status of the Facility/Upgrade/DSP (Proposed (P), Committed (C), Commercial Operation (CO)) and the effective date.
Security Calculated	<ul style="list-style-type: none">For a generator, the amount of RCS the Market Participant is required to provide to AEMO for the relevant Facility/Upgrade.For a DSP, the amount of RCS calculated for the relevant Capacity Year.
Security Category	RCS is required for Upgrades, New Facilities, and DSPs.
Component	List of all upgrades that have been included in the Security Required amount calculation.
Security Lodged	The cumulative amount of RCS held by AEMO, less any amount retained.
Security Owed	Calculated as DSM RCS required less DSM RCS lodged and represents the amount of DSM RCS that must be paid by the Market Participant.
Security Required	The maximum amount of DSM RCS calculated for each active Capacity Year. It may not equal the Security Calculated for the current Capacity Year.
Security Returned	RCS which has been returned to the Market Participant.
Security Retained	RCS which has been retained by AEMO.
Action	The last RCS transaction with AEMO (LODGE, RETURN, RETAIN).
Amount	The amount of RCS relating to the relevant security transaction (Action).
Balance	The total RCS balance held with AEMO.
Security Details	The type of RCS (Bank Undertaking, Cash Deposit) or any other information AEMO considers relevant.
Supporting Documentation	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 44).

Figure 44 Trade declaration display

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	

Trade Declarations

Trade Declaration Dates:
Closes in

Assigned CRC 70	Traded CRC 0	Bilaterally Traded 0	Unavailable 0	Remaining 70
--------------------	-----------------	-------------------------	------------------	-----------------

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 45), while for a Non-Scheduled Facility or Demand Side Programme, the fields are editable at the Facility level (see Figure 46). Click 'Save' when editing is complete.

Figure 45 Edit a trade declaration for a Scheduled Facility or Semi-Scheduled Facility

Trade Declaration Status: OPEN

Facility	Assigned	Traded	Unavailable	Remaining	TradedCRC
Committed (04/03/2023)	50	50	-	0	-
Semi-Scheduled Facility	<input checked="" type="checkbox"/>	Fixed Price Candidate			

Cancel Save

Component	Assigned	Traded	Unavailable	Remaining
Electric Storage Resource	50	50		0

Figure 46 Edit a trade declaration for a Non-Scheduled Facility or Demand Side Programme

Trade Declaration Status: OPEN

Facility name	Assigned	Traded	Unavailable	Remaining	TradedCRC
Commercial Operation	5	5		0	-
Facility Class					

Cancel Save

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 47).

Figure 47 Edit a trade declaration for a Proposed Facility

Trade Declaration Status: OPEN

Facility	Assigned	Traded	Unavailable	Remaining	TradedCRC
Proposed	50	50	-	0	-
Scheduled Facility	<div>MinCCQuantity* <input type="checkbox"/> Fixed Price Candidate</div> <div>5</div>				

Cancel

Save

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 48). 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 Table 5) for a description of each possible status).

Figure 48 Submit a trade declaration

Trade Declaration Status: PENDING

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

Edit

Submit

Component name	Assigned	Traded	Unavailable	Remaining
Non-Intermittent Generating System	100	100		0

A submitted trade declaration may be withdrawn while the window is open by clicking ‘Withdraw’ (see Figure 49).

Figure 49 Withdraw a trade declaration

Trade Declaration Status: SUBMITTED

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

Withdraw

Component name	Assigned	Traded	Unavailable	Remaining
Non-Intermittent Generating System	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 50).

Figure 50 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
OPEN	The user can submit a trade declaration for Facilities with CRC if the relevant trade window is open.
PENDING	The trade has been edited and saved but is yet to be submitted.
SUBMITTED	The trade has been submitted to AEMO for review.
WITHDRAWN	The trade was submitted then withdrawn by the user prior to the closure of the trade declaration window.
LAPSED	The trade was not submitted prior to the closure of the trade declaration window.
ACCEPTED	AEMO has accepted the trade.
REJECTED	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 51).

Figure 51 Relevant Demand navigation

The screenshot shows the Relevant Demand navigation interface. The top navigation bar contains 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 is a year selection bar with options for 2022 - 2023, 2023 - 2024 (selected), 2024 - 2025, 2025 - 2026, and 2026 - 2027. The main content area displays summary information for Reserve Capacity, Transitional Reserve Capacity, Fixed Price Reserve Capacity, and Individual Reserve Capacity Requirement. A search bar is present. Below the search bar are filters for Facility, Facility Class (set to DSP), Facility Status (set to O), Price Type, and Capacity Credits. At the bottom left is a 'Download All' button. At the bottom right is a 'Facility Management' button with a dropdown menu showing 'Relevant Demand' 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 52).

Figure 52 Relevant Demand display

The screenshot shows the Relevant Demand display interface. The top navigation bar contains 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 is a year selection bar with options for 2022 - 2023, 2023 - 2024 (selected), 2024 - 2025, 2025 - 2026, and 2026 - 2027. The main content area displays the title 'Relevant Demand'. The 'Facility Name' field is empty, and the 'Capacity Year' is set to 2023 - 2024. The 'Current Relevant Demand' section shows 'Current Two Hundred Peak Hours' and a file icon labeled 'TwoHundredPeakHours2023.csv'. Below this is a table with columns: Relevant Demand, Effective From, Effective To, Source, NMI Count, and Constituent NMIs. The table contains two rows, both showing '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 53).
2. Select the NMI that the CDA relates to from the drop-down menu (see Figure 54).
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 54).
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 54) 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 53 Create a new CDA

HomeIndicative Facility ClassCRC ApplicationSecurityTrade DeclarationCDA NTDLCapacity AllocationIRCRPeak IntervalsRC Testing

>2022 - 20232023 - 20242024 - 20252025 - 20262026 - 2027

Consumption Deviation Applications

New Application

Search

NMI

Application Status

Submitted On

Figure 54 Edit and save a CDA

The screenshot shows a web application interface with a top navigation bar containing tabs: Home, Indicative Facility Class, CRC Application, Security, Trade Declaration, **CDA**, NTDL, Capacity Allocation, IRCR, Peak Intervals, and RC Testing. Below the navigation bar is a sub-navigation bar with a chevron icon and five capacity year options: 2022 - 2023, **2023 - 2024**, 2024 - 2025, 2025 - 2026, and 2026 - 2027. The main content area is titled 'New Consumption Deviation Application' and includes 'Cancel' and 'Save' buttons. Below the title, there are labels for 'Participant:' and 'Capacity Year: 2023 - 2024'. A red-bordered input field for 'NMI' is shown with a red asterisk and a red error message: 'The NMI field is required.' Below this is a section for 'Maintenance intervals occurring during the 2022 - 2023 Capacity Year' with a file upload button labeled 'Drag file here or browse'. A 'Download Template' link is also present. At the bottom, there is an 'Evidence' section with another file upload button labeled 'Drag file here or browse'.

Once the application has been submitted, it can be withdrawn by clicking the Withdraw button (see Figure 55). 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 55 Withdraw button for a submitted CDA

The screenshot shows the CDA dashboard with the '2023 - 2024' capacity year selected. The 'Consumption Deviation Application' section displays the application status as 'SUBMITTED'. A red box highlights the 'Withdraw' button in the top right corner of the application details area.

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		

Consumption Deviation Application

Participant: Capacity Year: 2023 - 2024

Application Status: **SUBMITTED**

NMI

Maintenance intervals occurring during the 2022 - 2023 Capacity Year *

Evidence *

Withdraw

The Application Status of a submitted CDA can be viewed on the CDA dashboard under the relevant Capacity Year (see Figure 56). 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 56 CDA status display

The screenshot shows the CDA dashboard with the '2023 - 2024' capacity year selected. The 'Consumption Deviation Applications' section displays a table with one application. The application status is 'ACCEPTED' and it was submitted on '14/09/2023 09:43:31'. A 'New Application' button is visible in the top right corner.

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			

Consumption Deviation Applications

[New Application](#)

Search

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

For assistance with CDAs, please contact WA Capacity Investment & Assessment at 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 57).
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 CDA¹.
 - 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 statement² 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 58). 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 58).

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 59).

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.

¹ 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.

² 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.

Figure 57 Create a new NTDL Application and CDA

The screenshot shows the 'NTDL' tab selected in the top navigation bar. Below the navigation bar, there are tabs for different capacity years: '2022 - 2023', '2023 - 2024' (selected), '2024 - 2025', '2025 - 2026', and '2026 - 2027'. The main heading is 'NTDL Applications'. A red box highlights the 'New Application' button in the top right corner. Below the heading, there are filter tabs: 'NMI', 'Trading Month', 'Application Status', 'Assessed Step', and 'Submitted On'. The main content area displays the message 'There are no results to display'.

Figure 58 NTDL Application and CDA pending

The screenshot shows the 'NTDL' tab selected in the top navigation bar. Below the navigation bar, there are tabs for different capacity years: '2020 - 2021', '2021 - 2022', '2022 - 2023', '2023 - 2024' (selected), and '2024 - 2025'. The main heading is 'NTDL Application'. A red box highlights the 'Edit' and 'Submit' buttons in the top right corner. Below the heading, there is a green banner that says 'Your application has been saved'. Below the banner, there are two rows of information: 'Participant:' and 'Capacity Year: 2023 - 2024'. Below that, there is a row with 'Application Status:' and a red box highlighting the 'PENDING' status. At the bottom, there is a row with 'NMI' and 'Trading Month: October 2023'.

Figure 59 NTDL Application and CDA submitted

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

2020 - 2021 2021 - 2022 2022 - 2023 **2023 - 2024** 2024 - 2025

NTDL Application **Withdraw**

Your application has been submitted

Participant: Capacity Year: 2023 - 2024

Application Status: **SUBMITTED**

NMI Trading Month: October 2023

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 60). 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 60 Capacity Credit Allocation display

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

2021 - 2022 2022 - 2023 **2023 - 2024** 2024 - 2025 2025 - 2026

Capacity Credit Allocations (CCA)

CCA Submission Window open for: 01/10/2023 - 16/11/2023

Edit CCA Standing Submission List for CY

Trading Day ⓘ
01/10/2023 ✕

New CCA Submission for TD

CCA Submissions

Filter CCAs

Id	Source Participant	Facility	Target Participant	CCA	Status	Actions	More Details
No data							

CCA Amendment Requests

Id	Source Participant	Facility	New CC
No data			

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 61).
2. Click the New CCA Submission for TD button (see Figure 61).
 - 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 62). 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 63) 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 64). 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 61 Capacity Credit Allocation for a Trading Day

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

> 2021 - 2022 2022 - 2023 **2023 - 2024** 2024 - 2025 2025 - 2026

Capacity Credit Allocations (CCA)

CCA Submission Window open for: 01/10/2023 - 16/11/2023

Edit CCA Standing Submission List for CY

Trading Day ⓘ
01/10/2023 ✕

New CCA Submission for TD

Figure 62 Capacity Credit Allocation for a Trading Day Window

New CCA Submission for TD: 01-10-2023

Facility

Target Participant

CCA

Cancel

Submit

Figure 63 Capacity Credit Allocation Submission Error

New CCA Submission for TD: 01-10-2023

Facility

Target Participant

CCA

Cancel

Submit

All fields are mandatory and CCA must be > 0.

Figure 64 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 65).

3. This button will open a CCA Standing Submissions List window for the Capacity Year as a pop-up (see Figure 66). 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 then 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 67).
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 65 Edit Capacity Credit Allocation Submission List for CY button

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

>	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026
---	-------------	-------------	--------------------	-------------	-------------

Capacity Credit Allocations (CCA)

CCA Submission Window open for: 01/10/2023 - 16/11/2023

Edit CCA Standing Submission List for CY

Trading Day ⓘ

01/10/2023 ✕

New CCA Submission for TD

Figure 66 Market Participant Capacity Credit Allocation Submission pop out window

CCA Standing Submission List for CY 23/24

Facility	Target Participant	Capacity Credits		
<div>FACILITY 1 ▾</div>	<div>PARTICIPANT 2 ▾</div>	<div>1</div>	<div>✕</div>	<div>☰</div>
<div>FACILITY 2 ▾</div>	<div>PARTICIPANT 3 ▾</div>	<div>200</div>	<div>✕</div>	<div>☰</div>
<div>FACILITY 3 ▾</div>	<div>PARTICIPANT 4 ▾</div>	<div>117.2</div>	<div>✕</div>	<div>☰</div>
<div>FACILITY 3 ▾</div>	<div>PARTICIPANT 4 ▾</div>	<div>0.5</div>	<div>✕</div>	<div>☰</div>

Clear All

Cancel

Save

Figure 67 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 68).
3. Once the CCA withdrawal is successful, the CCA Summary will show the CCA with a status of Withdrawn (see Figure 69).
4. An email notification will be sent to the Source Participant and the Target Participant informing them that a CCA has been withdrawn.

Figure 68 Withdraw Capacity Credit Allocation

Trading Day ⓘ
01/10/2023 ✕

New CCA Submission for TD

CCA Submissions

Filter CCAs
518

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

Figure 69 Successful withdrawal of Capacity Credit Allocation

Trading Day ⓘ
01/10/2023 ✕

New CCA Submission for TD

CCA Submissions

Filter CCAs

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

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 70).
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 70 View Capacity Credit Allocation Submissions

The screenshot shows the 'CCA Submissions' interface. At the top, there is a 'Trading Day' selector with a dropdown menu showing '01/10/2023' and a 'New CCA Submission for TD' button. Below this is a 'Filter CCA's' search bar. The main part of the interface is a table with the following columns: Id, Source Participant, Facility, Target Participant, CCA, Status, Actions, and More Details. The table contains one row with the following data: Id: 5008, Source Participant: PARTICIPANT 1, Facility: FACILITY 1, Target Participant: PARTICIPANT 2, CCA: 7, Status: APPROVED, Actions: >, More Details: >.

Id	Source Participant	Facility	Target Participant	CCA	Status	Actions	More Details
5008	PARTICIPANT 1	FACILITY 1	PARTICIPANT 2	7	APPROVED	>	>

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 71).
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 71 Viewing Capacity Credit Allocation Amendment Requests

CCA Amendment Requests			
Id ↕	Source Participant ↕	Facility ↕	New CC ↕
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 unique Run ID representing the IRCR calculation run (see Figure 72).

The Run Type will be displayed as one of the following:

- Indicative;
- Initial; or
- Adjustment1, Adjustment2 or Adjustment3.

Initial and Adjustment runs are performed in accordance with the dates in the [Settlement Timeline](#). Indicative runs are not used for settlement purposes but are provided as a guide for Market Participants that opt to make Capacity Credit Allocations.

Figure 72 IRCR dashboard

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	
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					

4.12.1 IRCR Summary

To view the IRCR details for a given Trading Month, click on Summary (see Figure 73).

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 74).

Figure 73 IRCR Summary button

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

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

Figure 74 IRCR Summary display

IRCR Run Information

Run ID

233

Trading Month

Oct 2023

Run Date

12 Jul 2023 10:31AM

Run Type

Indicative

Results

Participant	TPTDLCR	TPNTDLCR	TPNMNTCR	TPNMTDCR	TPILRCR	IRCR_X	IRCR
PARTICIPANT 1	176.919	130.786	0	0	0	307.705	307.705

Legend

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

Ratios

TDL Ratio	NTDL Ratio	Total Ratio
0.7240	1.1121	1.0000

Peaks

Four Peaks	19/07/2023 18:30 19/07/2023 19:00 19/07/2023 18:00 19/07/2023 19:30	Hot Season Peaks	19/08/2023 17:30 19/08/2023 21:30 19/08/2023 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
------------	--	------------------	--

4.12.2 IRCR PIR

The IRCR Participant Information Record (PIR) for Trading Months June 2019 onwards can be downloaded from the PIR hyperlinks next to the relevant run (see Figure 75). IRCR PIRs prior to June 2019 remain in the Settlements > Archived Portal.

The default file name for the IRCR PIR is provided in Table 6.

Refer to the [WEM IRCR PIR and Log Technical Guide](#) for information on understanding the content of PIR files.

Table 6 Default file name for IRCR PIR file download

Download Format	File Name Format
CSV	IRCR_PIR_{participantCode}_F_{periodTo}({runId})_{designation}.csv <ul style="list-style-type: none">• participantCode: short name for the Market Participant• periodTo: last day of the Trading Month of the IRCR calculation run, as YYYY-MM-DD• runId: unique identifier of the IRCR calculation run• designation: Indicative Initial Adjustment1 Adjustment2 Adjustment3

4.12.3 IRCR Log

The IRCR Logs for Trading Months June 2019 onwards can be downloaded from the LOG hyperlinks next to the relevant run (see Figure 75). IRCR Logs prior to June 2019 remain in the Settlements > Archived Portal.

The default file name for the IRCR Log is provided in Table 7.

Refer to the [WEM IRCR PIR and Log Technical Guide](#) for information on understanding the content of Log files.

Table 7 Default file name for IRCR Log file download

Download Format	File Name Format
CSV	RCR_{participantCode}_{periodTo}({runId})_{designation}.csv <ul style="list-style-type: none">• participantCode: short name for the Market Participant• periodTo: last day of the Trading Month of the IRCR calculation run, as YYYY-MM-DD• runId: unique identifier of the IRCR calculation run• designation: Indicative Initial Adjustment1 Adjustment2 Adjustment3

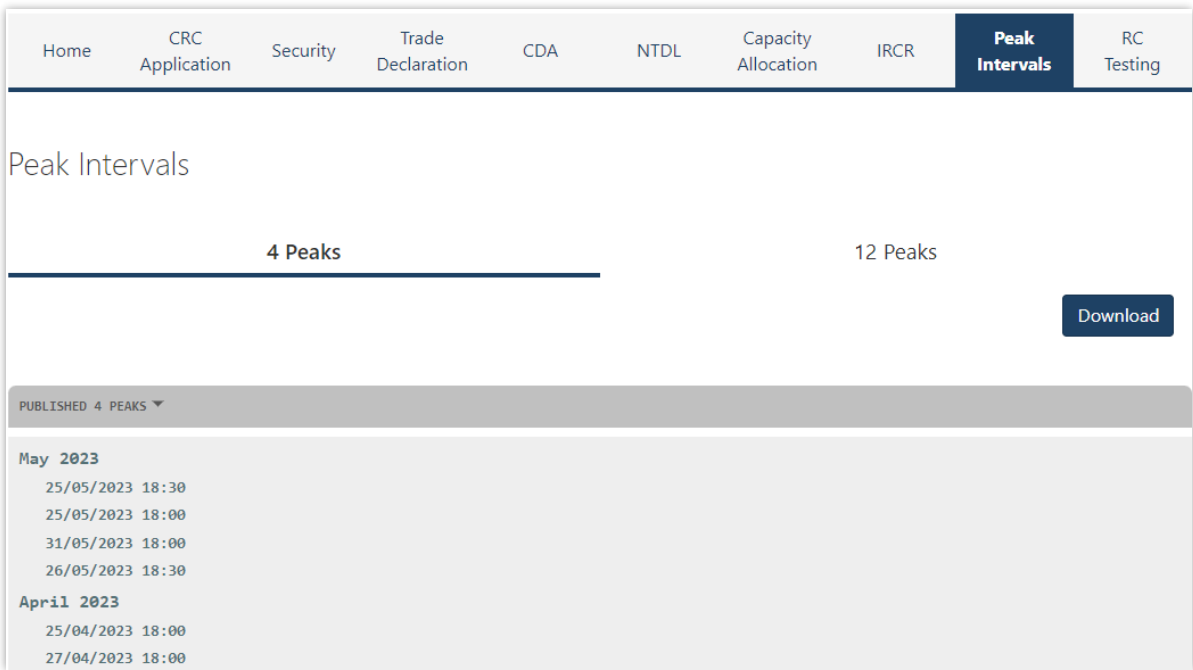
Figure 75 IRCR PIR and IRCR Log

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				
IRCR									
Trading Month ▾	Run ID ▾	Run Date ▾	Run Type ▾						
October 2023	233	12/07/2023 10:31	Indicative	Summary	PIR LOG				
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 76).

Figure 76 Peak SWIS Trading Intervals



4.14 Reserve Capacity (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 77).

Figure 77 RC Testing page

Home	Indicative Facility Class	CRC Application	Security	Trade Declaration	CDA	NTDL	Capacity Allocation	IRCR	Peak Intervals	RC Testing
>	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027	2027 - 2028					

Reserve Capacity Testing

01 May 2024 - 30 September 2024

01 April 2025 - 31 October 2024

Facility name

Testing Status: Not Passed					
Component name					
Non liquid	Observation	RC Test 1	RC Test 2	RC Test 3	Detailed Report
NIGS	01 Jun - 01 Apr 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 Separately Certified Component or Facility owned by the Market Participant as an individual record where:

- Non-Intermittent Generating System (NIGS) and Electric Storage Resource (ESR) component results can be viewed during both summer and winter testing periods (see Figure 78). These records display the component name, fuel type (for NIGS only) and the technology type (NIGS or ESR).
- Demand Side Programme results can only be viewed during the summer testing period (see Figure 79).

Figure 78 Component records for a Scheduled or Semi-Scheduled Facility

Testing Status: Passed					
FACILITY_ESR_01	Observation	RC Test 1	RC Test 2	RC Test 3	Detailed Report
ESR	01 Jun - 08 Aug Passed	Not Available	Not Available	Not Available	
	02/06/2024 153.781 MW @ 41°C 100 Capacity Credits				

Figure 79 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	Request Verification Test Detailed Report
DSP	Passed	Not Available	Passed	Not Available	

Each field the user can view for the relevant Facility type is described in Table 8.

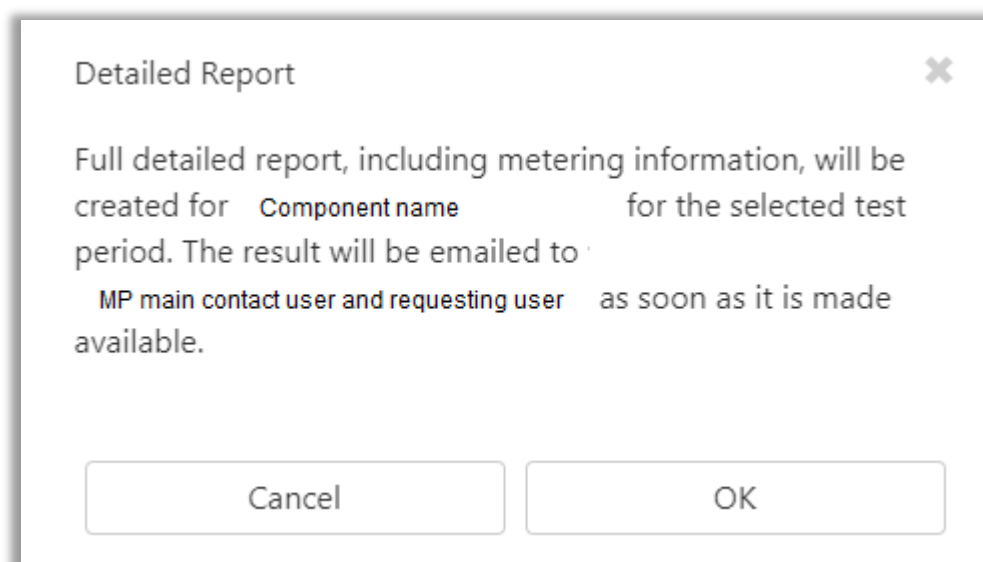
Table 8 RC Testing results fields description

Field Name	Facility/component type		
	NIGS	ESR	DSP
Facility/Component identification information	<ul style="list-style-type: none"> Component short name. Fuel type (from certification records for the relevant Capacity Year). Component technology type. 	<ul style="list-style-type: none"> Component short name. Component technology type. 	<ul style="list-style-type: none"> Facility short name. Facility Class.
Testing status	Overall testing status of the most recent result which can be either: <ul style="list-style-type: none"> Not Passed (for the observation test phase only). Passed. Failed. 	Overall testing status of the most recent result which can be either: <ul style="list-style-type: none"> Not Passed (for the observation test phase only). Passed. Failed. 	Overall testing status of the most recent result which can be either: <ul style="list-style-type: none"> Not Available (where a Verification Test has not been requested). Passed. Failed.
Observation	Displays the result for the two consecutive Trading Intervals with the highest output over the observation period and the following information: <ul style="list-style-type: none"> Output at the ambient temperature. Output adjusted to 41°C. Capacity Credits. 	Displays the highest temperature adjusted average result achieved across the Electric Storage Resource Obligation Intervals (ESROI) and the associated Trading Day.	NA
Verification (1 and 2)	NA	NA	Displays the outcome of the first and second (if required) Verification Tests, and, for the Trading Interval with the highest curtailment, the following information: <ul style="list-style-type: none"> Actual meter reading. Capacity Credits. Relevant Demand. Where a Verification Test has not been scheduled, the status will be Not Available.
RC Test 1	Displays the outcome of the first Reserve Capacity Test (Passed or Failed) and, for each Trading Interval, the following information: <ul style="list-style-type: none"> Output at the ambient temperature. Output adjusted to 41°C. 	Displays the outcome of the first Reserve Capacity Test (Passed or Failed) and the temperature adjusted average output over the ESROI on the day of the test.	Displays the outcome of the first Reserve Capacity Test (Passed or Failed) and, for each Trading Interval, the following information: <ul style="list-style-type: none"> Actual meter reading. Capacity Credits.

Field Name	Facility/component type		
	NIGS	ESR	DSP
	<ul style="list-style-type: none"> Capacity Credits. Where test data has not been received, the status will be Not Passed.		<ul style="list-style-type: none"> Relevant Demand Where test data has not been received, the status will be Failed and the results will show as Not Available.
RC Test 2	Displays the same information as for the first Reserve Capacity Test.	Displays the same information as for the first Reserve Capacity Test.	Displays the same information as for the first Reserve Capacity Test.
RC Test 3	Displays the same information as for the first Reserve Capacity Test, but the outcome is Third TestExecuted.	Displays the same information as for the first Reserve Capacity Test, but the outcome is Third TestExecuted.	NA

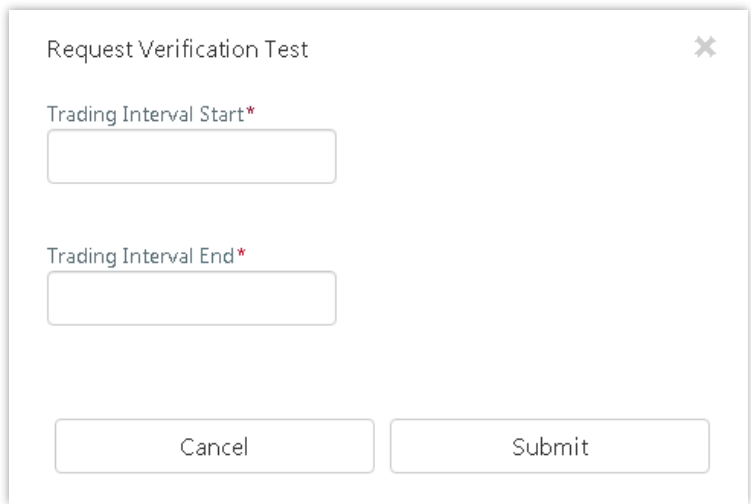
The user can view/download a detailed report for the summer or winter test period for each Facility or Component by clicking on the Detailed Report button. A pop-up window will show the email address the report will be sent to (see Figure 80).

Figure 80 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 81). This button is only available between 1 October and 30 November and will be greyed out at other times.

Figure 81 Verification Test pop-up window



A screenshot of a 'Request Verification Test' pop-up window. The window has a title bar with the text 'Request Verification Test' and a close button (X) in the top right corner. Inside the window, there are two text input fields. The first field is labeled 'Trading Interval Start*' and the second field is labeled 'Trading Interval End*'. Both fields are currently empty. At the bottom of the window, there are two buttons: 'Cancel' on the left and 'Submit' on the right.

Request Verification Test

Trading Interval Start*

Trading Interval End*

Cancel Submit

Glossary

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