

Release Notes

Settlements Reform Release 1

14 August 2023





Important notice

Purpose

AEMO publishes this document to provide information about the Settlements Reform Release 1 as at the date of publication.

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Version control

Version	Release date	Changes
1.0	13/10/2023	Initial publication for Release 1 in the Production environment

Document approval

Name	Position	Date
Nicholas Nielsen	Manager, WA Prudentials & Settlements	12/10/2023

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1 Introduction

1.1 Overview

These are the release notes for the Settlements Reform Release 1 deployed to the Production environment on 14 August 2023 as part of the WEM Reform [RROSS Release](#).

This release includes changes to the settlements functionality in the following systems, as required by the Post-Amended Rules:

- Prudential and Settlement Service system
- Reserve Capacity Mechanism system

The purpose of these release notes is to outline the changes to the external functionality for Rule Participants.

1.2 Supporting documentation

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

User guides:

- [Prudential and Settlements Service User Guide Version 1](#)
- [Reserve Capacity Mechanism User Guide Version 1](#)
- [WEMS MPI User Management User Guide Version 1](#)

Formulations:

- [WEM Metering, Settlement and Prudential Calculations Version 5.0](#)
- [WEM Individual Reserve Capacity Requirement Calculations Version 2.0](#)

Procedures:

- [WEM Procedure: Capacity Credit Allocations](#)
- [WEM Procedure: Settlements](#)
- [WEM Procedure: Individual Reserve Capacity Requirements](#)
- [WEM Procedure: Consumption Deviation Applications](#)
- [WEM Procedure: Prudential Requirements](#)

1.3 Version summary

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

Table 1 Version summary

Application	Old version	New version	Visibility
PaSS	2.1-817-3	3.0-820-2	External
Public Data Site	1.13-118-1	2.0-119-1	External
RCM	2.0-3046-5	2.0-3046-6	External
WEMS	4.0-1571-2	4.1-1573-7	External
SPARTA (Invoicing)	2.4-394-1	3.0-398-1	Internal

1.4 Terms and abbreviations

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

Table 2 Terms and abbreviations

Term or abbreviation	Definition or expanded name
AEMO	Australian Energy Market Operator
API	Application Programming Interface
APIM	Azure API Management
CCA	Capacity Credit Allocation
CCA Window	As defined in the WEM Procedure: Capacity Credit Allocations
IRCR	Individual Reserve Capacity Requirement
PaSS	Prudential and Settlement Service
NTDL	Non-Temperature Dependent Load
PIR	Participant Information Report for IRCR data
Pre-Amended Rules	The WEM Rules as in force immediately before the New WEM Commencement Day [WEM Rule 1.47.1]
Post-Amended Rules	The WEM Rules as in force immediately after the New WEM Commencement Day [WEM Rule 1.47.1]
RCM	Reserve Capacity Mechanism
REST	Representational State Transfer API (AEMO uses JSON format)
RROSS Release	Registration, Reserve Capacity Mechanism, Outage Management System, Settlements, and Short-Term Energy Market Release
SOAP	Simple Object Access Protocol API (XML format only)
Template Capacity Credit Allocation Submissions	As defined in the WEM Procedure: Capacity Credit Allocations
WEMS	Wholesale Electricity Market System

1.5 Further information

Please contact WA Prudentials and Settlements on wa.settlements@aemo.com.au for further information regarding the materials contained in this document.

2 Prudential and Settlement Service

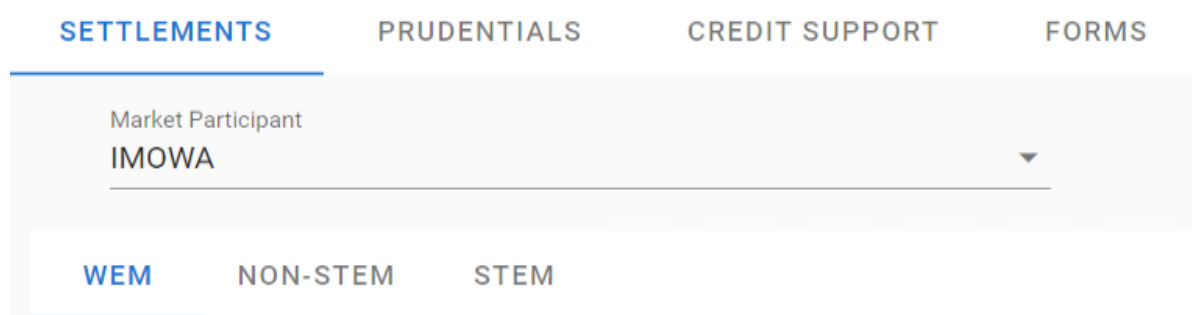
2.1 Settlements dashboard

The Settlements dashboard in PaSS provides an overview of a Rule Participant's settlement outcomes and provides access to the corresponding Settlement Statement Summary, Settlement Statement Detail, and Settlement Invoices. This dashboard is available to users from the Economic Regulation Authority and the Coordinator of Energy.

The user interface has been updated to include a WEM tab for the new market, beside the existing Non-STEM and STEM tabs (see Figure 1). The WEM tab will only display data when AEMO has issued Settlement Statements and Invoices under the Post-Amended Rules.

Refer to Section 4.2 of the [Prudential and Settlements Service User Guide Version 1](#) for more details.

Figure 1 WEM tab



2.2 Prudentials dashboard

The Prudentials dashboard in PaSS provides a graph of a Rule Participant's prudential performance, a table of the data used to drive the graph, and a breakdown of the Cumulative Estimated Exposure by invoice period. The dashboard also provides access to the corresponding Prudential Statement Summary and Prudential Statement Detail. This dashboard is available to users from the Economic Regulation Authority and the Coordinator of Energy.

The user interface has been updated to include exposure for the new WEM market, along with any existing Non-STEM and STEM exposure. Once AEMO has issued the remaining STEM and Non-STEM initial invoices in accordance with the Settlement Timeline, the corresponding Trading Days are removed from the Cumulative Estimated Exposure calculation, and eventually only the new market will remain.

The "Download Estimation Details" link has been renamed to "Download NSTEM Estimation Details" to clarify that this data is only provided separately for the Non-STEM prudential calculations. Any estimation data determined as part of the new WEM prudential calculations is available in the "Download Details" link. Estimation logic is outlined

in Section 4.13 of the [WEM Metering, Settlement and Prudential Calculations](#) formulation document and may be updated as required by AEMO to improve the accuracy of the calculations.

Refer to Section 4.3 of the [Prudential and Settlements Service User Guide Version 1](#) for more details.

Figure 2 CEE by invoice period

Prudential Settlement Statement

As at:

- Current (22/10/2023)
 Forecast (23/10/2023)

Participant	Market	Invoice Period	Adjustment Type	Type	Invoice Amount
IMOWA	NSTEM	Sep 2023	Initial	Estimate	
IMOWA	WEM	TW 01 Oct 2023	Initial	Estimate	
IMOWA	WEM	TW 08 Oct 2023	Initial	Estimate	
IMOWA	WEM	TW 15 Oct 2023	Initial	Estimate	

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[DOWNLOAD SUMMARY](#) [DOWNLOAD DETAILS](#) [DOWNLOAD NSTEM ESTIMATION DETAILS](#)

3 Reserve Capacity Mechanism

3.1 Capacity Allocations dashboard

The Capacity Allocation dashboard in RCM provides an overview of a Market Participant's Capacity Credit Allocations for the selected Capacity Year.

The user interface has been updated for Capacity Year 2023-2024 onwards to allow Capacity Credit Allocations on a Trading Day basis. The "CCA Window" section has been replaced with a single line that provides the range of Trading Days for which the CCA Window is open (in Australian Western Standard Time). The "CCA Summary" and "CCA Transactions" sections have been replaced with a single "CCA Submissions" section that displays a list of Capacity Credit Allocation Submissions along with their details, status and available actions.

The "Edit CCA Standing Submission List for CY" button allows a Market Participant to create, edit and save an ordered list of Template Capacity Credit Allocation Submissions that will be used by AEMO to automatically generate Capacity Credit Allocation Submissions in accordance with paragraph 4 of the [WEM Procedure: Capacity Credit Allocations](#). The "New CCA Submission for TD" button allows a Market Participant to submit a single Capacity Credit Allocation Submission for the selected Trading Day in accordance with paragraph 5 of the [WEM Procedure: Capacity Credit Allocations](#).

A Market Participant may withdraw a Capacity Credit Allocation Submission using the "Withdraw" button in the "CCA Submissions" section.

Refer to Section 4.10 of the [Reserve Capacity Mechanism User Guide Version 1](#) for more details.

Figure 3 Capacity Allocations dashboard

Capacity Credit Allocations (CCA)

CCA Submission Window open for: 04/10/2023 - 02/11/2023

[Edit CCA Standing Submission List for CY](#)

Trading Day ⓘ

04/10/2023 ✕

[New CCA Submission for TD](#)

CCA Submissions

Filter CCAs

Id ↕	Source Participant ↕	Facility ↕	Target Participant ↕	CCA ↕	Status ↕	Actions ↕	More Details ↕
5034	W	K	A	1	APPROVED	Withdraw	>

CCA Amendment Requests

Id ↕	Source Participant ↕	Facility ↕	New CC ↕
No data			

3.2 NTDL dashboard

The NTDL dashboard in RCM provides an overview of a Market Participant’s NTDL applications for the selected Capacity Year. The dashboard also allows Market Participants to submit new NTDL applications in accordance with paragraph 3.1 of the [WEM Procedure: Individual Reserve Capacity Requirements](#), and at the same time, provide a Consumption Deviation Application in accordance with paragraph 3.2 of the [WEM Procedure: Consumption Deviation Applications](#).

The user interface validation has been updated to allow NTDL applications for interval meters measuring Scheduled Facilities, Semi-Scheduled Facilities or Non-Scheduled Facilities. Each NTDL application must relate to a single NMI, or in the case of a Facility measured only by SCADA, to a single Facility Code (“NMI” field). The user interface also validates that the Market Participant owns the interval meter, according to information held by AEMO at the time of submission.

There are no changes to the format of the Consumption Deviation Application (“Intervals consuming below capacity” and “Evidence” fields), and the CSV template is available within the NTDL application (see Figure 4).

Note

The Market Participant user must click the “Save” button and then the “Submit” button to submit their NTDL application and associated Consumption Deviation Application to AEMO. Saved applications have a status of “Pending” and will not be assessed by AEMO. Submitted applications have a status of “Submitted”.

Refer to Section 4.9 of the [Reserve Capacity Mechanism User Guide Version 1](#) for more details.

Figure 4 NTDL application

New NTDL Application Cancel Save

Participant

NMI* Trading Month*

The NMI field is required. The Trading Month field is required.

Intervals consuming below capacity

Drag file here or browse

[Download Template](#)

Evidence

Drag file here or browse

3.3 IRCR dashboard

The IRCR dashboard in RCM provides Market Participants with their Individual Reserve Capacity Requirement data for each Trading Month in the selected Capacity Year. The dashboard allows Market Participants to download a Summary for each IRCR run, and the respective PIR and Log data, where:

- Summary displays a snapshot of IRCR results, including the ratios, Peak SWIS Trading Intervals, and the Run Type for the IRCR run;
- PIR contains the information and variables for the IRCR run; and
- Log contains the contribution by interval meter (NMI or Facility Code) for the IRCR run.

For Capacity Year 2023-24 onwards, all Rule Participants registered as Market Participants under the Post-Amended Rules will have an IRCR calculated and their data provided in the dashboard. For earlier Capacity Years, the IRCR was only calculated for those Rule Participants that were registered as Market Customers under the Pre-Amended Rules.

There are no changes to the format of the Summary, PIR or Log.

Refer to Section 4.11 of the [Reserve Capacity Mechanism User Guide Version 1](#) for more details.

3.4 Peak Intervals dashboard

The Peak Intervals dashboard provides Rule Participants with the 4 and 12 Peak SWIS Trading Intervals published by AEMO in accordance with the relevant WEM Rules.

There are no changes to the user interface or data.

Refer to Section 4.12 of the [Reserve Capacity Mechanism User Guide Version 1](#) for more details.

4 APIs

4.1 Hostnames

The hostnames in Table 3 relate to the APIs in this section.

Rule Participants must have an appropriate web certificate from AEMO to be able to call the APIs.

Table 3 Hostnames for REST and SOAP APIs

Function	REST hostname	SOAP hostname
Prudentials	https://wems.aemo.com.au/mpi/ws/prudential	https://wems.aemo.com.au/mpi/ws
	https://wems-mkt.aemo.com.au/mpi/ws/prudential	https://wems-mkt.aemo.com.au/mpi/ws
Settlements	https://wems.aemo.com.au/mpi/ws/prudential	https://wems.aemo.com.au/mpi/ws
	https://wems-mkt.aemo.com.au/mpi/ws/prudential	https://wems-mkt.aemo.com.au/mpi/ws
CCA	https://wems.aemo.com.au/mpi/ws/rcm	https://wems.aemo.com.au/mpi/ws
	https://wems-mkt.aemo.com.au/mpi/ws/rcm	https://wems-mkt.aemo.com.au/mpi/ws
IRCR	https://wems.aemo.com.au/mpi/ws/rcm	https://wems.aemo.com.au/mpi/ws
	https://wems-mkt.aemo.com.au/mpi/ws/rcm	https://wems-mkt.aemo.com.au/mpi/ws

4.2 Prudential APIs

The Prudential APIs have not been uplifted to APIM and Rule Participants must continue to use the pre-WEM Reform web certificates until further notice. The swagger documentation is available at <https://wems.aemo.com.au/prudential/api/docs/index.html>.

The REST APIs in Table 4 have been introduced with this release. These “v2” APIs are available for STEM and Non-STEM trading periods with settlement Invoices issued on or after 1 August 2021 (with the original

implementation of WEM PaSS) and for new WEM trading periods from Trading Day 1 October 2023 (with the implementation of WEM Reform) i.e. they are backwards compatible.

The REST APIs in Table 5 have been end dated with this release, such that they will only return data for STEM and Non-STEM periods, however the preference is for Rule Participants to use the new v2 APIs.

For additional information, the SOAP APIs in Table 6 provide data produced prior to the introduction of Prudential Service 1.3.

Table 4 New prudential REST APIs

Function	Type	Endpoint	Effective from (inclusive)
Prudentials	GET	/api/v2/prudential	Invoices issued on or after 01/08/2021
Prudentials	GET	/api/v2/prudential/summary/latest	Invoices issued on or after 01/08/2021
Prudentials	GET	/api/v2/prudential/detail/{tradingDay}	Invoices issued on or after 01/08/2021
Prudentials	GET	/api/v2/prudential/estimation/{tradingDay}	Invoices issued on or after 01/08/2021

Table 5 End dated prudential REST APIs

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
Prudentials	GET	/api/v1/prudential	27/06/2019	01/10/2023
Prudentials	GET	/api/v1/prudential/summary/latest	27/06/2019	01/10/2023
Prudentials	GET	/api/v1/prudential/detail/{tradingDay}	27/06/2019	01/10/2023
Prudentials	GET	/api/v1/prudential/estimation/{tradingDay}	27/06/2019	01/10/2023

Table 6 End dated prudential SOAP APIs

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
Prudentials	GET	/reports/v7.1/getPrudentialRiskIndReportRequest	21/09/2006	27/06/2019
Prudentials	GET	/rest/v1/wem/prudential	27/09/2019	23/08/2020
Prudentials	GET	/rest/v1/wem/prudential/summary/latest	27/09/2019	23/08/2020

4.3 Settlements APIs

The Settlement APIs have not been uplifted to APIM and Rule Participants must continue to use the pre-WEM Reform web certificates until further notice. The swagger documentation is available at <https://wems.aemo.com.au/prudential/api/docs/index.html>.

The REST APIs in Table 7 have been introduced with this release. These “v2” APIs are available for STEM and Non-STEM trading periods with settlement Invoices issued on or after 1 August 2021 (with the original implementation of WEM PaSS) and for new WEM trading periods from Trading Day 1 October 2023 (with the implementation of WEM Reform) i.e. they are backwards compatible.

The REST APIs in Table 8 have been end dated with this release, such that they will only return data for STEM and Non-STEM periods, however the preference is for Rule Participants to use the new v2 APIs.

The REST APIs in Table 9 have been deprecated and replaced with this release.

For additional information, the SOAP APIs in Table 10 provide data produced prior to the introduction of WEM PaSS 1.7.

Table 7 New settlement REST APIs

Function	Type	Endpoint	Effective from (inclusive)
Settlements	GET	/api/v2/settlements/{marketService}/summary/{periodFrom}/{designation}	Invoices issued on or after 01/08/2021
Settlements	GET	/api/v2/settlements/{marketService}/detail/{tradingDay}/{designation}	Invoices issued on or after 01/08/2021
Settlements	GET	/api/v2/settlements/{marketService}/estimation/{periodFrom}/{designation}/{tradingDay}	Invoices issued on or after 01/08/2021
Settlements	GET	/api/v2/settlements/{marketService}/invoiceFile/{periodFrom}/{designation}	Invoices issued on or after 01/08/2021
Settlements	GET	/api/v2/settlements/{marketService}/invoice/{periodFrom}/{designation}	Invoices issued on or after 01/08/2021
Settlements	GET	/api/v2/settlements/timeline	Invoices issued on or after 01/08/2021

Table 8 End dated settlement REST APIs

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
Settlements	GET	/api/v1/settlements/{marketService}/summary/{periodFrom}/{designation}	Invoices issued on or after 01/08/2021	01/10/2023
Settlements	GET	/api/v1/settlements/{marketService}/detail/{tradingDay}/{designation}	Invoices issued on or after 01/08/2021	01/10/2023
Settlements	GET	/api/v1/settlements/{marketService}/estimation/{periodFrom}/{designation}/{tradingDay}	Invoices issued on or after 01/08/2021	01/10/2023
Settlements	GET	/api/v1/settlements/{marketService}/invoiceFile/{periodFrom}/{designation}	Invoices issued on or after 01/08/2021	01/10/2023
Settlements	GET	/api/v1/settlements/{marketService}/invoice/{periodFrom}/{designation}	Invoices issued on or after 01/08/2021	01/10/2023

Table 9 Deprecated settlement REST APIs

Function	Type	Endpoint	Comments
Settlements	GET	/api/v1/settlements/timeline	No longer available with the deployment of Settlements Reform Release 1 and is replaced by v2

Table 10 End dated settlement SOAP APIs

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
Settlements	GET	/rest/v1/settlement/invoices	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/invoices/{invoiceNumber}	21/09/2015	Invoices issued on or after 01/08/2021

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
Settlements	GET	/rest/v1/settlement/invoices/{market}	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/invoices/NSTEM/trademonth/{tradingMonth}	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/invoices/STEM/tradeweek/{tradingWeek}	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/pirs/{market}/created	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/pirs/{market}/publishedDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/pirs/{market}/tradeDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/pirs/created	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/pirs/publishedDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/pirs/tradeDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/{market}/{segment}/created	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/{market}/{segment}/publishedDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/{market}/{segment}/tradeDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/{market}/created	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/{market}/publishedDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/{market}/tradeDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/created	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/publishedDate	21/09/2015	Invoices issued on or after 01/08/2021
Settlements	GET	/rest/v1/settlement/statements/tradeDate	21/09/2015	Invoices issued on or after 01/08/2021

4.4 Capacity Allocations APIs

The Capacity Allocation REST APIs have been uplifted to APIM and Rule Participants must use the new certificates from October 2023 onwards. Rule Participants may continue to use the pre-WEM Reform web certificates between 14 August 2023 (Release 1 deployment date) and 1 October 2023.

The REST APIs in Table 11 have been introduced with this release.

The REST APIs in Table 12 have been end dated with this release.

For additional information, the SOAP APIs in Table 13 provide data produced prior to the introduction of RCM 1.3.

Table 11 New CCA REST APIs

Function	Type	Endpoint	Effective from
CCA	PUT	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/{tradingDay}/{ccald}/withdraw	Capacity Year 2023
CCA	GET	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/{tradingDay}/Received	Capacity Year 2023
CCA	GET	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/{tradingDay}/Submitted	Capacity Year 2023
CCA	POST	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/{tradingDay}/Submitted	Capacity Year 2023
CCA	GET	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/OpenTradingDays	Capacity Year 2023
CCA	GET	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/Received	Capacity Year 2023
CCA	GET	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/Submitted	Capacity Year 2023
CCA	GET	/api/v3/CapacityYears/{capacityYear}/CapacityAllocations/Window/{tradingDay}	Capacity Year 2023

Table 12 End dated CCA REST APIs

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
CCA	GET	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocationMonths	Trading Month June 2019	Capacity Year 2023
CCA	GET	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations	Capacity Year 2017	Trading Month June 2019
CCA	GET	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}	Capacity Year 2017	Capacity Year 2023
CCA	PUT	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}	Capacity Year 2017	Trading Month June 2019
CCA	PUT	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/{ccald}	Trading Month June 2019	Capacity Year 2023
CCA	GET	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Position	Capacity Year 2017	Capacity Year 2023
CCA	PUT	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Received/{sourceParticipantId}	Capacity Year 2017	Trading Month June 2019
CCA	POST	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Submitted	Trading Month June 2019	Capacity Year 2021
CCA	PUT	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Submitted/{targetParticipantId}	Capacity Year 2017	Trading Month June 2019
CCA	DELETE	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Submitted/{targetParticipantId}	Capacity Year 2017	Trading Month June 2019
CCA	POST	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/Amendments/{amendmentId}	Trading Month June 2019	Capacity Year 2023
CCA	GET	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/Amendments/{tradingMonth}	Trading Month June 2019	Capacity Year 2023
CCA	GET	/api/v1/CapacityYears/{capacityYearId}/CapacityAllocations/Transactions/{tradingMonth}	Trading Month June 2019	Capacity Year 2023
CCA	GET	/api/v2/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/{facilityId}	Capacity Year 2021	Capacity Year 2023
CCA	GET	/api/v2/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Position	Capacity Year 2021	Capacity Year 2023

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
CCA	POST	/api/v2/CapacityYears/{capacityYearId}/CapacityAllocations/{tradingMonth}/Submitted	Capacity Year 2021	Capacity Year 2023

Table 13 End dated CCA SOAP APIs

Function	Type	Endpoint	Effective from (inclusive)	Effective to (exclusive)
CCA	GET	/reports/v7.1/getFinalCapCreditAllocReportRequest	21/09/2006	Capacity Year 2017
CCA	GET	/reports/v7.1/getFinalCapCreditAllocSupReportRequest	21/09/2006	Capacity Year 2017
CCA	GET	/reports/v7.1/getInitCapCreditAllocReportRequest	21/09/2006	Capacity Year 2017
CCA	GET	/reports/v7.1/getInitCapCreditAllocSupReportRequest	21/09/2006	Capacity Year 2017

4.5 IRCR and Peaks APIs

The IRCR and Peak SWIS Trading Interval REST APIs have been uplifted to APIM and Rule Participants must use the new certificates from October 2023 onwards. Rule Participants may continue to use the pre-WEM Reform web certificates between 14 August 2023 (Release 1 deployment date) and 1 October 2023.

No APIs have been introduced, end dated or deprecated with this release.

The REST APIs in Table 14 continue to function with this release.

For additional information, the SOAP APIs in Table 15 provide data produced prior to the introduction of RCM 1.11.

Table 14 Existing IRCR and Peaks REST APIs

Function	Type	Endpoint	Effective from (inclusive)
IRCR	GET	/rcm/api/v1/CapacityYears/{capacityYearId}/Ircr/{tradingMonth}/Files/Log	Trading Month June 2019
IRCR	GET	/rcm/api/v1/CapacityYears/{capacityYearId}/Ircr/{tradingMonth}/Files/Pir	Trading Month June 2019
IRCR	GET	/rcm/api/v1/CapacityYears/{capacityYearId}/Ircr/{tradingMonth}/Log	Trading Month June 2019
IRCR	GET	/rcm/api/v1/CapacityYears/{capacityYearId}/Ircr/{tradingMonth}/Pir	Trading Month June 2019
IRCR	GET	/rcm/api/v1/FourPeaks/Published	Capacity Year 2007
IRCR	GET	/rcm/api/v1/TwelvePeaks/Published	Capacity Year 2007

Table 15 End dated IRCR SOAP APIs

Type	Function	Endpoint	Effective from (inclusive)	Effective to (exclusive)
IRCR	GET	/mpi/ws/rest/v1/settlement/ircrLogs/{tradeMonth}	21/09/2015	Trading Month June 2019

5 Public Data Site

AEMO is required to publish data on the WEM Website in accordance with the WEM Rules and some of this data is published on the [public data site](#) (or “market data” site).

5.1 IRCR Ratios webpage

AEMO calculates the NTDL_Ratio, TDL_Ratio and Total_Ratio when it determines the Individual Reserve Capacity Requirements (IRCR) for a Trading Month, and publishes this data on the [IRCR Ratios](#) webpage.

The definition of this data is the same under both the Pre-Amended Rules and Post-Amended Rules.

The description on the webpage has been updated for this release to use generic language suitable for both rule obligations. There is no change to the format of the data.

5.2 Peak SWIS Trading Intervals webpage

AEMO determines the 12 Peak SWIS Trading Intervals for each Hot Season and the 4 Peak SWIS Trading Intervals for each Trading Month, and publishes this data on the [Peak SWIS Trading Intervals](#) webpage.

The definition of this data is the same under both the Pre-Amended Rules and Post-Amended Rules.

The description on the webpage has been updated for this release to use generic language suitable for both rule obligations. There is no change to the format of the data.

5.3 FCESS Uplift Payments

AEMO determines FCESS Uplift Payments and the share of each FCESS Uplift Payment allocated to each Frequency Co-optimised Essential System Service when it performs the settlement calculations for each Trading Week, and publishes this data on the [FCESS Uplift Payments](#) webpage.

This is a new publication requirement that has been introduced with this release.

5.4 Total Sent Out Generation

AEMO determines the Total Sent Out Generation for each Trading Interval based on the Sent Out Metered Schedules, and publishes this data on the [Total Sent Out Generation](#) webpage.

The definition of this data has changed between the Pre-Amended Rules and Post-Amended Rules because it refers to the relevant Facility Classes in the respective rules.

The description on the webpage has been updated for this release to use generic language suitable for both rule obligations. There is no change to the format of the data.