

# 2021 and 2022 Reserve Capacity timetables

Recent amendments to the Reserve Capacity Mechanism (RCM) as part of the Western Australian Government's Energy Transformation Strategy have affected the Reserve Capacity timetable. This document presents the Reserve Capacity timetables for the 2021 and 2022 Reserve Capacity Cycles and an explanation of the changes.

## Background and context

In December 2020, the Minister for Energy amended the Wholesale Electricity Market Rules (WEM Rules) to defer key events for the 2021 and 2022 Reserve Capacity Cycles. These deferrals were made to provide sufficient time for AEMO and Market Participants to implement changes to the RCM, as published in the [Wholesale Electricity Market Amendment \(Tranches 2 and 3 Amendments\) Rules 2020](#) (Amending Rules).

Under clauses 1.36A.2 and 1.36B.2 of the WEM Rules, AEMO must determine and publish the Reserve Capacity timetables for the 2021 and 2022 Reserve Capacity Cycles by 1 March 2021 (on 26 February 2021). In setting these timetables, AEMO has allowed sufficient time for developing WEM Procedures and implementing required system changes prior to undertaking each process. For the 2021 Reserve Capacity Cycle, AEMO has accounted for the implementation of the [Relevant Level Methodology Rule Change Proposal](#) (RC\_2019\_03) assuming it is approved by the Rule Change Panel by June 2021.

Clauses 1.36A.3 and 1.36B.3 of the WEM Rules allow AEMO to further modify or extend the Reserve Capacity timetables set out in this document if this is necessary. If further amendments to these timetables are required due to extenuating circumstances, AEMO will advise stakeholders through existing channels, including the WA Electricity Consultative Forum and email distribution lists.

The timetables presented in this document are for key events in Year 1 of the 2021 and 2022 Reserve Capacity Cycles respectively. For times and dates of events in Years 2, 3, and 4 of these Reserve Capacity Cycles, please refer to section 4.1 of the WEM Rules.

## Key changes affecting the 2021 Reserve Capacity timetable

The 2021 Reserve Capacity Cycle will include changes to the Registration framework and introduce certification methodologies for Electric Storage Resources (ESR). Further information about these changes can be found in the Amending Rules. The Relevant Level Methodology Rule Change Proposal is also expected to commence.

The Expression of Interest (EOI) process for the 2021 Reserve Capacity Cycle will open on 1 July 2021<sup>1</sup> to allow sufficient time to develop the required WEM Procedures<sup>2</sup>. In developing the 2021 Reserve Capacity timetable, AEMO has allowed for additional time to complete the following activities:

- **AEMO publishes the results of the EOI** – An EOI is now mandatory for new Facilities intending to submit an application for Certified Reserve Capacity (CRC). Therefore, AEMO expects an increase in the number of EOIs submitted. New reporting requirements have been introduced, requiring additional time to analyse the results and compile the summary report. This additional time is only required for the 2021 Reserve Capacity Cycle because it is the first time AEMO will implement these new requirements.
- **Opening the CRC window** – AEMO requires additional time to:
  - Assign an RCM Facility Class to unregistered Facilities under clause 1.45.9 of the WEM Rules.

<sup>1</sup> Refer to the commencement dates for specific clauses of the Amending Rules as published in the Government Gazette, available at: [https://www.slp.wa.gov.au/gazette/gazette.nsf/searchgazette/93C09CCF6FF851CD4825866B0008CB84/\\$file/Gg020.pdf](https://www.slp.wa.gov.au/gazette/gazette.nsf/searchgazette/93C09CCF6FF851CD4825866B0008CB84/$file/Gg020.pdf).

<sup>2</sup> The WEM Procedures for ESR Metering (clause 2.29.15 of the WEM Rules), RCM Facility Class (clause 1.45.10 of the WEM Rules), Indicative Facility Class (clause 4.8A.7 of the WEM Rules), and Electric Storage Resource Obligation Intervals (clause 4.11.3A(c) of the WEM Rules). These clauses will commence by 1 July 2021.

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- Process any applications for AEMO to reassess a Registered Facility's RCM Facility Class, in accordance with clause 1.45.4 of the WEM Rules.
- Assign an indicative Facility Class to new Facilities that have submitted an EOI, in accordance with clause 4.8A.1 of the WEM Rules.
- Implement changes to the RCM portal to account for the new registration framework including ESR.
- **AEMO advises assignment of CRC** – additional time has been included for the RC\_2019\_03 implementation.

## Key changes affecting the 2022 Reserve Capacity timetable

The 2022 Reserve Capacity Cycle will include the introduction of Network Access Quantities (NAQ) and associated provisions (such as Network Augmentation Funding Facilities). Further information about these changes can be found in the Amending Rules.

In developing the 2022 Reserve Capacity timetable, AEMO has allowed for additional time to complete the following activities:

- **AEMO publishes the results of the EOI** – AEMO and Western Power will require more time to develop Preliminary RCM Constraint Equations for the first time.
- **AEMO advises assignment of CRC** – Additional time has been included to account for RC\_2019\_03 changes.
- **AEMO confirms the quantity of CRC that can be traded bilaterally** – AEMO and Western Power will require more time to prepare final RCM Constraint Equations for input into the Network Access Quantity Model for the first time.
- **AEMO assigns Capacity Credits and NAQ** – Additional time will be needed to run the Network Access Quantity Model for the first time.

# 2021 and 2022 Reserve Capacity timetables

## 2021 Reserve Capacity timetable

For Reserve Capacity to be provided between 1 October 2023 and 1 October 2024.

Date	Time	Action
Thursday 17 June 2021	5:00 pm	AEMO publishes the 2021 WEM Electricity Statement of Opportunities (ESOO) and Reserve Capacity Information Pack.
Thursday 1 July 2021	5:00 pm	AEMO publishes the Request for EOI and Benchmark Reserve Capacity Price.
Monday 16 August 2021	5:00 pm	EOI submissions close.
Thursday 30 September 2021	5:00 pm	AEMO publishes a summary of the results of the EOI.
Wednesday 1 December 2021	9:00 am	Market Participants may apply for CRC.
Thursday 10 February 2022	5:00 pm	CRC applications close.
Monday 11 April 2022	5:00 pm	AEMO advises assignment of CRC.
Tuesday 26 April 2022	5:00 pm	<p>Market Participants who hold CRC must notify AEMO as to how their Reserve Capacity will be dealt with as follows:</p> <ul style="list-style-type: none"> <li>• Advise the total amount of Reserve Capacity they intend will be traded bilaterally; or</li> <li>• Advise the total amount of Reserve Capacity that they have decided will not now be made available to the market.</li> </ul> <p>If required, Market Participants must provide Reserve Capacity Security (RCS) or DSM RCS. Market Participants may nominate an eligible Facility as a Candidate Fixed Price Facility.</p>
Wednesday 27 April 2022	5:00 pm	AEMO confirms the quantity of CRC that can be traded bilaterally.
Thursday 28 April 2022	5:00 pm	<p>AEMO:</p> <ul style="list-style-type: none"> <li>• Publishes CRC for each Facility.</li> <li>• Assigns Capacity Credits.</li> <li>• Determines whether the Reserve Capacity Requirement (RCR) has been met or exceeded with the Capacity Credits for which no RCS was required.</li> <li>• Publishes Reserve Capacity Price information.</li> </ul>
Friday 29 April 2022	5:00 pm	Market Participants may apply to AEMO for a recalculation of the amount of RCS or DSM RCS required to be held for a Facility (applications may be made after this date/time).
Monday 30 May 2022	5:00 pm	Market Participants must notify AEMO of the number of Capacity Credits that are to be associated with each component of a Facility, where applicable.

# 2021 and 2022 Reserve Capacity timetables

## 2022 Reserve Capacity timetable

For Reserve Capacity to be provided between 1 October 2024 and 1 October 2025.

Date	Time	Action
Monday 10 January 2022	5:00 pm	AEMO publishes the Request for EOI and Benchmark Reserve Capacity Price.
Thursday 24 February 2022	5:00 pm	EOI submissions close.
Thursday 3 March 2022	5:00 pm	AEMO provides information about EOIs, Facility retirements, and Early CRC applications to Western Power.
Monday 28 March 2022	5:00 pm	AEMO publishes a summary of the results of the EOI.
Friday 8 April 2022	9:00 am	Market Participants may apply for CRC.
Friday 15 April 2022	5:00 pm	<p>Western Power must develop and provide the following information to AEMO:</p> <ul style="list-style-type: none"> <li>• Estimated proportion of peak demand at each Electrical Location on the network.</li> <li>• Thermal Network Limits.</li> <li>• Electrical Location and identity of new loads larger than 10 MW.</li> </ul> <p>RCM Limit Advice and an explanation of any changes from previous RCM Limit Advice.</p>
Friday 3 June 2022	5:00 pm	AEMO publishes information from Western Power and the Preliminary RCM Constraint Equations.
Friday 17 June 2022	5:00 pm	AEMO publishes the 2022 WEM ESOO and Reserve Capacity Information Pack.
Friday 8 July 2022	5:00 pm	CRC applications close.
Tuesday 6 September 2022	5:00 pm	AEMO advises assignment of CRC.
Tuesday 20 September 2022	5:00 pm	<p>Market Participants who hold CRC must notify AEMO as to how their Reserve Capacity will be dealt with as follows:</p> <ul style="list-style-type: none"> <li>• Advise the total amount of Reserve Capacity they intend will be traded bilaterally; or</li> <li>• Advise the total amount of Reserve Capacity that they have decided will not now be made available to the market.</li> </ul> <p>If required, Market Participants must provide RCS or DSM RCS. Market Participants may nominate an eligible Facility as a Candidate Fixed Price Facility.</p>
Monday 3 October 2022	5:00 pm	AEMO confirms the quantity of CRC that can be traded bilaterally.
Tuesday 4 October 2022	5:00 pm	AEMO publishes CRC for each Facility.
Monday 5 December 2022	5:00 pm	<p>AEMO:</p> <ul style="list-style-type: none"> <li>• Assigns Capacity Credits and Network Access Quantities.</li> <li>• Determines whether the RCR has been met or exceeded with the Capacity Credits for which no RCS was required.</li> <li>• Publishes Reserve Capacity Price information.</li> </ul>

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Tuesday 5 December 2022	5:00 pm	Market Participants may apply to AEMO for a recalculation of the amount of RCS or DSM RCS required to be held for a Facility (applications may be made after this date/time).
Wednesday 4 January 2023	5:00 pm	Market Participants must notify AEMO of the number of Capacity Credits that are to be associated with each component of a Facility, where applicable.