



WEM Procedure: Electric Storage Resource Obligation Intervals

Prepared by: AEMO

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Approved for distribution and use by:

Approved by: Kate Ryan

Title: Executive General Manager - Western Australia & Strategy

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Australian Energy Market Operator Ltd ABN 94 072 010 327

Version Release History

Version	Effective Date	Summary of Changes
1.0	1 July 2021	New WEM Procedure
2.0	11 July 2023	Updated to reflect changes to clause 4.11.3A of the WEM Rules.

Contents

1. Introduction	4
1.1. Purpose and scope	4
1.2. Definitions	4
1.3. Interpretation	5
1.4. Related documents	5
2. Determining the Electric Storage Resource Obligation Intervals	6
3. Consultation	7
4. Publishing the Electric Storage Resource Obligation Intervals	8
Appendix A. Relevant clauses of the WEM Rules	9

Tables

Table 1	Definitions	4
Table 2	Related documents	5
Table 3	Relevant clauses of the WEM Rules	9

1. Introduction

1.1. Purpose and scope

- 1.1.1. This WEM Procedure: Electric Storage Resource Obligation Intervals (Procedure) is made in accordance with AEMO's functions under clause 2.1A.2(h) of the Wholesale Electricity Market Rules (WEM Rules).
- 1.1.2. The *Electricity Industry Act 2004*, the WEM Regulations and the WEM Rules prevail over this Procedure to the extent of any inconsistency.
- 1.1.3. In this Procedure, where obligations are conferred on a Rule Participant, that Rule Participant must comply with the relevant obligations in accordance with clause 2.9.7A, 2.9.7D or 2.9.8 of the WEM Rules, as applicable.
- 1.1.4. The purpose of this Procedure is to document:
 - (a) the processes to be followed by AEMO for determining changes to the Trading Intervals that will be classified as Electric Storage Resource Obligation Intervals under clause 4.11.3A(a), including the processes to be followed by AEMO to comply with its obligation to consult with Market Participants;
 - (b) the processes to be followed by AEMO for publishing the Trading Intervals classified as Electric Storage Resource Obligation Intervals in accordance with clause 4.11.3A(a) on the WEM Website; and
 - (c) the circumstances, if any, that allow AEMO determine, in accordance with clause 6.3.1 and without consultation with Market Participants, that the Trading Intervals classified as Electric Storage Resource Obligation Intervals for a specific Trading Day are not the Electric Storage Resource Obligation Intervals published by AEMO under clause 4.11.3A(a).
- 1.1.5. Appendix A of this Procedure outlines the head of power clauses that this Procedure is made under, as well as other obligations in the WEM Rules covered by this Procedure.

1.2. Definitions

- 1.2.1. Terms defined in the *Electricity Industry Act 2004*, the WEM Regulations and the WEM Rules have the same meanings in this Procedure unless the context requires otherwise.
- 1.2.2. The following definitions apply in this Procedure unless the context requires otherwise.

Table 1 Definitions

Term	Definition
Peak Demand Period	A set of contiguous Trading Intervals when peak demand is forecast to occur based on the scenarios specified in clause 4.5.10(a)(iii) or 4.5.10(a)(iv).

1.3. Interpretation

- 1.3.1. The following principles of interpretation apply in this Procedure unless the context requires otherwise.
- (a) Clauses 1.3 to 1.5 of the WEM Rules apply in this Procedure.
 - (b) References to time are references to Australian Western Standard Time.
 - (c) Terms that are capitalised, but not defined in this Procedure, have the meaning given in the WEM Rules.
 - (d) A reference to the WEM Rules or WEM Procedures includes any associated forms required or contemplated by the WEM Rules or WEM Procedures.
 - (e) Words expressed in the singular include the plural and vice versa.
 - (f) A reference to a paragraph refers to a paragraph of this Procedure.
 - (g) A reference to a clause refers to a clause or section of the WEM Rules.
 - (h) References to WEM Rules in this Procedure in bold and square brackets [Clause XXX] are included for convenience only, and do not form part of this Procedure.
 - (i) Text located in boxes and headed as Explanatory Note X in this Procedure is included by way of explanation only and does not form part of this Procedure. The Procedure prevails to the extent of any inconsistency with the explanatory notes contained within it.
 - (j) The body of this Procedure prevails to the extent of any inconsistency with the figures, diagrams, appendices, schedules, annexures or attachments contained within this document.

1.4. Related documents

- 1.4.1. The documents in Table 2 are associated with this Procedure.

Table 2 Related documents

Reference	Title	Location
WEM Procedure	WEM Procedure: Notices and Communications	WEM Website
WEM Procedure	WEM Procedure: Certification of Reserve Capacity	WEM Website
WEM Procedure	WEM Procedure: Reserve Capacity Testing	WEM Website
WEM Procedure	WEM Procedure: Undertaking the Long Term PASA	WEM Website
WEM Procedure	WEM Procedure: Outages	WEM Website

2. Determining the Electric Storage Resource Obligation Intervals

- 2.1.1. For the purposes of clause 4.11.3A, each year, AEMO must review the Electric Storage Resource Obligation Intervals that were last published under clause 4.11.3A(a) when preparing the Statement of Opportunities Report.
- 2.1.2. As part of its review under paragraph 2.1.1, AEMO must identify the Trading Intervals when peak demand is most likely to occur for each of the scenarios developed in accordance with clauses 4.5.10(a)(iii) and 4.5.10(a)(iv) for the Capacity Year commencing on 1 October of Year 3 of the relevant Reserve Capacity Cycle.
- 2.1.3. AEMO must determine the Peak Demand Period as a set of Trading Intervals that includes the Trading Intervals identified in paragraph 2.1.2
- 2.1.4. AEMO may, in its sole discretion, propose a change to the Electric Storage Resource Obligation Intervals that were last published under clause 4.11.3A(a), and to apply from 1 October of Year 3 of the Reserve Capacity Cycle, where:
 - (a) the Peak Demand Period determined under paragraph 2.1.3 differs to the Peak Demand Period published in the Statement of Opportunities Report for the previous Reserve Capacity Cycle by more than two Trading Intervals;
 - (b) operational experience indicates that the Electric Storage Resource Obligation Intervals should be changed; or
 - (c) any other circumstances that AEMO considers relevant to the Electric Storage Resource Obligation Intervals.
- 2.1.5. If AEMO proposes a change to the Electric Storage Resource Obligation Intervals under paragraph 2.1.4, it must consult with Market Participants on the proposed changes in accordance with paragraph 3.
- 2.1.6. AEMO must determine the proposed Electric Storage Resource Obligation Intervals to be eight contiguous Trading Intervals that correspond to the Peak Demand Period determined in paragraph 2.1.3.
- 2.1.7. AEMO must publish the Electric Storage Resource Obligation Intervals in accordance with paragraph 4.1.1 and, where applicable paragraph 4.1.2.

3. Consultation

- 3.1.1. AEMO (when consulting with Market Participants for the purposes of paragraph 2.1.5) must publish on the WEM Website:
- (a) the proposed Electric Storage Resource Obligation Intervals;
 - (b) an invitation for written submissions on the proposed Electric Storage Resource Obligation Intervals;
 - (c) the closing date for consultation, which must be at least 10 Business Days after the date of publishing the proposed Electric Storage Resource Obligation Intervals on the WEM Website;
 - (d) any supporting analysis conducted in determining the Peak Demand Period; and
 - (e) the method by which submissions should be provided.
- 3.1.2. Market Participants may provide a submission in response to AEMO's invitation under paragraph 3.1.1(b) by the closing date published on the WEM Website under paragraph 3.1.1(c).
- 3.1.3. In determining whether to change the Electric Storage Resource Obligation Intervals, AEMO must consider any submissions received in accordance with paragraph 3.1.2 and may, at its discretion, consider any submissions received after the closing date published on the WEM Website under paragraph 3.1.4(c).
- 3.1.4. AEMO may contact Market Participants who provide a submission under paragraph 3.1.2 to request clarification or further information in relation to their submissions by email, specifying a due date for this request.
- 3.1.5. A Market Participant may, but is not obliged to, provide a response to a request by AEMO under paragraph 3.1.4.
- 3.1.6. If a Market Participant does not provide a response to AEMO's request under paragraph 3.1.4, AEMO will consider the original submission for the purposes of paragraph 3.1.3.
- 3.1.7. If AEMO, in its sole discretion, and after considering all submissions received under paragraph 3.1.2, decides to change the Electric Storage Resource Obligation Intervals, it must publish a notice on the WEM Website by 31 July of Year 1 of the Reserve Capacity Cycle.

4. Publishing the Electric Storage Resource Obligation Intervals

- 4.1.1. AEMO must publish details, on the WEM Website, of the Trading Intervals in each Trading Day that are classified as Electric Storage Resource Obligation Intervals by the date and time specified in clause 4.1.8 [**clause 4.11.3A(a)**].
- 4.1.2. AEMO may publish the following information in the Statement of Opportunities Report or in a separate document, at AEMO's sole discretion:
 - (a) the Peak Demand Periods used to determine the Electric Storage Resource Obligation Intervals, as identified in paragraph 2.1.3;
 - (b) any supporting analysis that AEMO conducted in determining the Peak Demand Period; and
 - (c) any other information used to determine the Electric Storage Resource Obligation Intervals that AEMO considers relevant.

Appendix A. Relevant clauses of the WEM Rules

Table 3 details:

- (a) the head of power clauses in the WEM Rules under which the Procedure has been developed; and
- (b) each clause in the WEM Rules requiring an obligation, process or requirement be documented in a WEM Procedure, where the obligation, process or requirement has been documented in this Procedure.

Table 3 Relevant clauses of the WEM Rules

Clause
4.11.3A(a)
4.11.3A(b)
4.11.3A(c)
Chapter 11 definition: Electric Storage Resource Obligation Duration