



Scope of Work for the Review of the Procedure Change Process

1. Introduction

Clause 2.2D.1(h) of the Wholesale Electricity Market (WEM) Rules confers the function on the Coordinator of Energy (Coordinator) to consider and, in consultation with the Market Advisory Committee (MAC), progress the evolution and development of the Wholesale Electricity Market (WEM) and the WEM Rules.

The Coordinator is reviewing the Procedure Change Process set out in section 2.9 - 2.11 of the WEM Rules as a part of its functions under Clause 2.2D.1(h) of the WEM Rules. This review will be supported by an independent consultant to meet the requirements of clause 2.16.13F of the WEM Rules.

Under this clause the Coordinator must ensure that an independent person carries out an audit of the effectiveness of the WEM Rule change process and Procedure Change Process no less than every three years. The independent person must provide the Coordinator with a report, and the Coordinator must within 30 Business Days of receiving the report either:

- accept the report and any recommendations contained in it; or
- prepare a separate report setting out the matters raised in the independent person's report which the Coordinator accepts and those which it does not accept, and setting out Coordinator's reasons for that view; and
- publish the independent person's report and any report prepared by the Coordinator in response within 30 Business Days of receiving the independent person's report.

This review will only assess the effectiveness of the Procedure Change Process. The effectiveness of the WEM Rule change process will be assessed at a later date after some experience has been gained in using the standard rule change process for progressing WEM Rule changes by the Coordinator.

WEM Rule changes in recent years have, for the most part, been progressed through the Minister for Energy's transitional rule making powers under regulation 7(5) of the Electricity Industry (Wholesale Electricity Market) Regulations 2004. Therefore, a review of the effectiveness of the WEM Rule Change process would be of limited value at this time.

2. Background

2.1 Purpose and use of WEM Procedures

At the commencement of the WEM in 2006, the WEM Rules were designed to cover governance matters and any matter that had a material policy, strategic or financial impact on consumers or Rule Participants, while procedural or administrative details were delegated to Procedures. This was done to reduce the length and complexity of the WEM Rules, and to enable a faster and more flexible change process for procedural or administrative matters.

More recently, the Energy Transformation Strategy has driven significant changes to the WEM and several new WEM Procedures have been established by various sets of WEM Amending Rules that came into effect progressively in the lead up to the New WEM Commencement Day (1 October 2023).

Several of the new WEM Procedures that have been created include matters beyond procedural or administrative nature. This shift in the purpose and use of WEM Procedures raises potential governance issues, including the adequacy of the relevant consultation processes and the potential for conflicts of interest for Procedure Administrators.

2.2 Procedure Change Responsibilities

At the commencement of the WEM in 2006, the Procedure Change Process was the responsibility of the Independent Market Operator (IMO). Over time, as WEM governance responsibilities changed, responsibilities for developing, publishing and administering procedures have been assigned to the parties best placed to manage them. Currently, there are 4 entities who manage WEM Procedures, referred to in this document as Procedure Administrators. They are:

- the Australian Energy Market Operator (AEMO);
- the Economic Regulation Authority (ERA);
- the Coordinator; and
- Network Operators (currently only Western Power).

Section 2.9 of the WEM Rules sets out the responsibilities for each of these entities with regard to the administration of the relevant WEM Procedures.

Other parties with roles relevant to the Procedure Change Process include:

- The Electricity Review Board (ERB), which can review the Procedure Administrators' decisions on Procedure making and changes; and
- The MAC, who provide advice on Procedure Change Proposals.

Under WEM Rule 2.16.13F, an independent person is required to audit the effectiveness of the Procedure Change Process no less than every 3 years.

2.3 The Current Procedure Change Process

The Procedure Change Process is set out in section 2.10 of the WEM Rules. This section:

- allows any Rule Participant to notify a Procedure Administrator if they consider an amendment to, or replacement of, a WEM Procedure would be appropriate;
- allows any of the Procedure Administrators to initiate a Procedure Change Process,
- requires the Procedure Administrator that is proposing a change to publish the details of that change, and to call for submissions on it;
- requires the independent Chair of the MAC to convene a meeting of the MAC before the due date for submissions in certain circumstances in which advice on the proposal is required by the MAC (as set out in WEM Rule 2.10.9);
- requires Procedure Administrators to publish Procedure Change Reports and sets out what is required to be in those reports; and
- sets out the circumstances in which an extension to the processing time for a procedure change process is permissible.

Clause 2.9.5 of the WEM Rules requires the Coordinator to develop a WEM Procedure setting out the procedure for developing and amending WEM Procedures. This Procedure applies to all Procedure Administrators.

2.3.1 Transitional procedure change arrangements

Sections 1.43, 1.43A, 1.43B and 1.50 of the WEM Rules put transitional procedure making arrangements in place, which remain for additional six-months following the new WEM Commencement Day (i.e. until 1 March 2024). This allows AEMO and the Coordinator to amend those transitional procedures without undertaking the formal Procedure Change Process, provided they:

- give reasonable consideration to an appropriate commencement date for the revised WEM Procedures that minimises the impact of the changes on Rule Participants; and
- consult on the changes in the manner specified in the transitional provisions of the WEM Rules.

2.4 Current WEM Procedures

The WEM Rules provide a head of power for numerous WEM Procedures, including:

- 53 WEM Procedures are currently published on AEMO's website,¹ including:
 - 3 relating to administrative matters;
 - 1 relating to Distributed Energy Resources;
 - 16 relating to market operations;
 - 19 relating to dispatch and planning;
 - 14 relating to the Reserve Capacity Mechanism;
 - At the 14 September 2023 WEM Reform Implementation Group (WRIG) meeting, AEMO advised that 12 WEM Procedures are under review or under development and will be published after the commencement of the new WEM on 1 October 2023;
- 4 WEM Procedures are currently published on the Coordinator's Website;²
- 4 WEM Procedures are currently published on the ERA's website;³ and
- 3 WEM Procedures are currently published on Western Power's website.⁴

A list of the WEM Procedures that were in place at the commencement of the new WEM is provided in the Appendix A.

2.5 WEM Guidelines

The WEM Rules require various guidelines to be developed and published, and require compliance with those guidelines, but there are no governance arrangements for amending these guidelines.

At the 11 October MAC 2022 meeting, the MAC requested that the Procedure Change Review clarify the distinction between WEM Procedures and guidelines. To address this, the review will

¹ <https://www.aemo.com.au/energy-systems/electricity/wholesale-electricity-market-wem/procedures-policies-and-guides/procedures>.

² <https://www.wa.gov.au/government/document-collections/wem-procedures>.

³ <https://www.erawa.com.au/electricity/wholesale-electricity-market/market-procedures>.

⁴ [Manuals, guides & standards | Western Power](#)

consider whether the guidelines need governance arrangements and, if so, what those arrangements should be.

A list of the guidelines that are in place is contained in Appendix B.

3. Project Scope

3.1 Purpose

The purpose for the Procedure Change Process Review is to:

- (1) review the effectiveness of the current Procedure Change Process, including the process set out in section 2.10 of the WEM Rules and the WEM Procedure Administration Procedure established under clause 2.9.5 of the WEM Rules, and recommend any changes necessary to ensure that the Procedure Change Process:
 - (a) is fit for purpose given the changes to the nature and content of WEM Procedures and the changes to the Procedure Administrators;
 - (b) ensures stakeholders have an appropriate opportunity to initiate Procedure changes and provide input into Procedure Change Proposals;
 - (c) provides clear and appropriate responsibilities to Procedure Administrators in processing requests for changes by stakeholders;
 - (d) is simple, clear and inclusive; and
 - (e) has a prescribed timeframe and clear criteria for decisions on Procedure Change Proposals; and
- (2) develop a Procedure Change Process that addresses the findings of the review conducted under (1) and which meets the above objectives (a) to (e).

Item (1) will be completed by an independent consultant to satisfy the requirements of clause 2.16.13F of the WEM Rules. Item (2) will be carried out by Energy Policy WA (EPWA). This is detailed further in section 3.3.

3.2 Guiding Principles

The guiding principles for the Procedure Change Process Review are that the Procedure Change Process should:

- (1) meet the new State Electricity Objective that is expected to become operational during 2024;
- (2) be cost-effective, timely, simple, predictable, consistent, flexible, and transparent;
- (3) ensure stakeholders have an appropriate opportunity to initiate Procedure changes and provide input into Procedure Change Proposals;
- (4) provide clear and appropriate timeframes and criteria for the decision-makers in the Procedure Change Process;
- (5) provide for independent review of decisions; and
- (6) provide clear and appropriate criteria for when a matter should be addressed in the WEM Rules or the WEM Procedures.

3.3 Project Stages

The Procedure Change Process Review is planned to be undertaken in the following stages.

- Stage 1: Procedure change process audit
- Stage 2: Procedure change process design
- Stage 3: WEM Amending Rules and Procedure Changes

These are outlined further below.

3.3.1 Stage 1 – Procedure Change Process audit

Stage 1 is to be completed by an independent consultant between February and July 2024. To meet the objectives outlined in section 3.1 of this Scope of Work, Stage 1 must assess the effectiveness of and recommend any necessary changes to:

- the process set out in section 2.10 of the WEM Rules; and
- the content set out in the WEM Procedure Administration Procedure established under clause 2.9.5 of the WEM Rules.

The independent consultant should address the following matters (at minimum):

- who should be able to propose changes to the WEM Procedures and what process/ timeframes should be followed once a proposal is made;
- should explicit criteria be specified that the decision-maker must have regard to in approving amendments to WEM Procedures and, if so, what should they be (similar to the decision criteria for Rule Change Proposals);
- are the requirements for submitting Procedure Change Proposals sufficient and clear;
- are the timelines for commencing and progressing Procedure Change Proposals appropriate;
- is the role of the MAC in reviewing Procedure Change Proposals appropriate;
- is the required content for Procedure Change Reports adequate and clear;
- what level of guidance needs to be in the WEM Rules on the form and content of WEM Procedures;
- is the requirement to publish WEM Procedures under clauses 2.9.2D and 2.9.2F appropriate and clear;
- should the AEMO's requirement to maintain a descriptive list of WEM Procedures under clause 2.9.2D be standardised to all Procedure Administrators;
- what level of guidance needs to be in the WEM Rules on the form and content of WEM Procedures;
- what is the distinction between WEM Procedures and guidelines;
- is a governance process needed for the guidelines and, if so, what should the process be; and
- whether any exceptions to the use of the Procedure Change Process should be allowed.

Any additional issues will be identified in consultation with the Procedure Administrators and other stakeholders.

The consultant must consult with stakeholders on the issues identified and deliver a final report to the Coordinator by 1 July 2024.

Stakeholder engagement

The independent consultant must undertake the Procedure Change Process audit in consultation with:

- the Procedure Administrators, through surveys and one-to-one discussions;
- MAC members through one-to one discussions;
- other Market Participants through surveys and one-on-one consultations; and
- other stakeholders through a public consultation paper and analysis of submissions.

3.3.2 Stage 2 – Procedure Change Process Design

Stage 2 is to be completed by EPWA between July and September 2024.

During this stage, EPWA will assess the outcomes of Stage 1, determine which recommendations to accept, and publish a report setting out the Coordinator's response to the matters raised in the consultant's report in Stage 1 in accordance with the requirements in clause 2.16.13F(b) of the WEM Rules.

EPWA will then develop the detailed design of a Procedure Change Process that meets the requirements of purpose 2 in section 3.1 above.

Stakeholder engagement

EPWA will develop design proposals in consultation with:

- Procedure Administrators through one-to-one meetings;
- the MAC through MAC meetings; and
- other Market Participants through one-to-one meetings.

Public consultation will take place through a consultation paper.

3.3.3 Stage 3 – WEM Amending Rules and Procedure Changes

The objective of Stage 3 is to develop the changes required to the WEM Rules and relevant Procedures to implement the outcomes of Stage 2.

Stage 3 is to be completed by EPWA between October and December 2024. It will include the development of:

- WEM Amending Rules that implement the design developed in Stage 2; and
- changes to the WEM Procedure Administration Procedure that are required to implement the design developed in Stage 2.

Stakeholder engagement

EPWA will carry out this work in consultation with:

- Procedure Administrators through one-to-one meetings; and
- The MAC through MAC meetings.

Public consultation will take place through the publication of an exposure draft of the WEM Amending Rules and a Procedure Change Process.

4. Project Schedule

The following is an indicative high-level project schedule for the Procedure Change Process Review.

Tasks/Milestones		Timing
Preparation (EPWA)		
Consult with the MAC on the scope of work for the Procedure Change Process Review.	-Completed-	11 Oct 2022
Engage a consultant to conduct independent audit (EPWA)	• Draft Work Order	Jan 2024
	• Request Quote	Jan 2024
	• Award Contract	Feb 2024
	• Kick off meeting	Feb 2024
Stage 1: Stakeholder engagement and Procedure Change Process Audit (Consultant)		
Direct consultation with Procedure Administrators and other key stakeholders to review the effectiveness of the Procedure Change Process (Consultant)	• Draft questionnaire to EPWA	19 Feb 2024
	• Feedback on draft questionnaire	21 Feb 2024
	• Email questionnaire to MAC members, including Procedure Administrators,	23 Feb 2024
	• Meetings with MAC members and Procedure Administrators as required.	26 Feb – 8 Mar 2024
	• Questionnaire closes	8 Mar 2024
Develop a draft Consultation Paper on issues identified and preliminary design proposals (Consultant)	• Consultation Paper published	15 Apr 2024
	• Submissions close (15 business days)	3 May 2024
Assess submissions, prepare responses and final report (Consultant)	• Final report to Coordinator	1 Jul 2024
Provide final report to MAC for information (EPWA)	• Prepare slides for MAC and present findings	25 July 2024
Stage 2: Procedure Change Process design (EPWA)		
Develop high level design for revised procedure change process	• Develop design proposals	July 2024
Respond to audit	• Publish independent audit and Coordinator response	1 August 2024
Consult on high level design for revised Procedure Change Process	• Draft Consultation Paper to the MAC	5 September 2024
	• Publish Consultation Paper with design proposals for the Procedure Change Process.	September 2024
Finalise high level design proposals	• Consider submissions	October 2024

Tasks/Milestones	Timing
	<ul style="list-style-type: none"> Publish Information Paper October 2024
Stage 3: Amending Rules and Procedure Changes (EPWA)	
Develop draft WEM Amending Rules to implement outcomes of Stage 2	<ul style="list-style-type: none"> Develop draft WEM Amending Rules October 2024
Develop draft amended WEM 'Procedure Administration' Procedure to implement outcomes of Stage 2	<ul style="list-style-type: none"> Develop draft procedure October 2024
Public consultation on proposed changes to WEM Rules and 'Procedure Administration' Procedure	<ul style="list-style-type: none"> Commence Procedure Change Process Publish Exposure draft of Rules November 2024
Finalize Procedure Change process	<ul style="list-style-type: none"> Publish Procedure Change Process report December 2024
Publication and commencement of new Procedures and WEM Rules	<ul style="list-style-type: none"> Package to Minister to have Amending WEM Rules gazetted New Procedure Change Process implemented December 2024

Appendix A: WEM Procedures

Procedure Administrator	Rule	Title	Purpose
Administrative matters			
AEMO	1.6.2, 3.5.1A, 7.11.8	Notices and Communications	To outline how notices and communications are to be given to or by the AEMO. This procedure also describes the conditions under which AEMO may declare an Emergency Operating State and provides a description of events that AEMO would consider significant for the purposes of clause 7.11.5(j).
Coordinator	1.6.1	Notices and Communications	To outline how notices and communications are to be given to or by the Coordinator of Energy.
Coordinator	2.9.5	Procedure Administration	To outline the process to develop and amend WEM Procedures.
AEMO	2.36.5	Data and IT Interface Requirements	To document the data and IT interface requirements, including security standards in respect of systems required for Market Participants to operate in the WEM.
AEMO	2.15.4(a), 2.15.4(c), 2.15.4(d), 2.15.4(e), 2.15.4(f),	Monitoring and Reporting Protocol	To outline the processes by which AEMO monitors Rule Participants' compliance to the WEM Rules and WEM Procedure, and the process that AEMO support the ERA's monitoring requirements.
ERA	2.15.1 2.15.3	Monitoring Protocol	To outline the processes by which the ERA monitors Rule Participants' compliance to the WEM Rules and WEM Procedures.
Coordinator	10.5.2	Dispute Resolution Mechanism for the release of Market Information	To document the process for resolving a dispute regarding the disclosure of Market Information.
Distributed Energy Resources			
AEMO	3.24.8	DER Register Information Procedure	To describe the obligations of AEMO and Network Operators in relation to the submission, storage and reporting of data for the DER Register.
Market operations			

Procedure Administrator	Rule	Title	Purpose
AEMO	7.13.3, 7.13.8(a), 7.13.8(b), 7.13.8(c)	Dispatch Settlement and Monitoring Data	To document the procedure to be followed by Rule Participants in providing settlement and monitoring data to AEMO. This procedure also outlines the methods that AEMO will use and the requirements to determine estimates.
AEMO	4.30.12	Capacity Credit Allocation Procedure	To outline the process and information required for a Market Participant to make a Capacity Credit Allocation Submission
AEMO	7.8.9	Determination of Market Schedules	To document the processes for determining Market Schedules.
AEMO	7.11C.1	Identification of Affected Dispatch Intervals	To document procedures for the automatic identification of Affected Dispatch Intervals, and the conditions or circumstances that would identify a Dispatch Interval as an Affected Dispatch Interval.
AEMO	8.6.2	Meter Data Submissions	To outline the process to be followed by Meter Data Agents to submit Meter Data to AEMO.
AEMO	7.1.2(a), 7.1.3	Real Time Market Timetable	To documents the Real-Time Market Timetable.
AEMO	2.31.25(a), 2.28.21	Rule Participant Registration Processes	To document the criteria AEMO will use to determine whether to exempt persons from Rule Participant registration requirements and the processes to be followed by a person in applying for an exemption.
ERA	2.16A to 2.16E	Portfolio Determination	To outline the methodologies, processes, and requirement to be followed by the ERA in determining portfolios and monitoring price offers in the Real-Time Market.
AEMO	7.4.21, 7.4.38, 7.4.57A, 7.4.62, 7.4A.12, 7.4A.20, 7.4A.24	WEM Submissions	To outline the Real-Time Market Acceptance Horizon, and documents processes relating to Real-Time Market Submissions and DSP Withdrawal Profiles Submissions.
AEMO	9.2.1, 9.2.2	Settlements	To describe the settlement processes for publishing the Settlement Timeline; calculating the Metered Schedule and settlement amounts, performing the Adjustment Process, providing Settlement Statements and Invoices, payment of Invoices, settlement in Payment Default

Procedure Administrator	Rule	Title	Purpose
			situation, settlement in Repaid Amount situation, the application of taxes and interest to settlement transactions, the collection and distribution of Financial Penalties and the processes to be followed in relation to Notices of Disagreement and Notices of Dispute.
AEMO	9.2.1	Settlement Procedure	To outline the financial settlement of trading through the WEM.
AEMO	4.28.12	Individual Reserve Capacity Requirements	To describe the processes to be followed in calculating Indicative Individual Reserve Capacity Requirements and Individual Reserve Capacity Requirements.
AEMO	4.26.2CE, 4.28.9E	Consumption Deviation Applications	To outline the process and information required for a Market Participant to submit a Consumption Deviation Application, and the process AEMO must follow when assessing an application.
AEMO	7.4.53	Adjustment of Real-Time Inputs	To document the information and processes, including the application of any formula, AEMO will use in making a determination and the circumstances in which AEMO will adjust inputs.
AEMO	2.43.1	Prudential Requirements	To describe the processes for determining Credit Limits, assessing persons against the Acceptable Credit Criteria, Credit Support arrangements, where and how AEMO will hold Security Deposits and how the costs and fees of holding Security Deposits will be met, the circumstances that may require Credit Support to be replaced and the application of monies drawn upon from Credit Support in respect of amounts owed by the relevant Rule Participant to AEMO, calculation of Trading Margins, the list of factors to be taken into account for assessing the expected value of transactions and issuing of Margin Calls.
AEMO	1.47.12, 1.54A.2(b)	Transitional Registration Processes	To document the information to be provided to AEMO and the process to be followed by Market Participant and AEMO.

Procedure Administrator	Rule	Title	Purpose
AEMO	2.31.23, 2.30.11, 2.30A.6	Facility Registration, De-Registration and Transfer Procedure	To outlines the process to register, de - register or transfer Facilities, and the process to assess applications.
AEMO	2.31.23	Rule Participant Registration and De-Registration Procedure	To outline the process for new participant registration and existing Market Participant de-registration.
Dispatch and planning			
AEMO	3.18.4, 3.18C.12, 3.18E.10, 3.21.10	Outages	To outline the steps for submission, evaluation and approval of Outage Plans. Describes Rule Participants requirements to notify or seek consent to commence or complete an Outage. Outline Outage coordination.
AEMO	3.21A.27	Commissioning Tests	To document a description of the activities that AEMO consider would constitute a Commissioning Test, and therefore require submission of a Commissioning Test Plan.
AEMO	2.27A.10(b)(i)(1), 2.27A.10(b)(i)(2), 2.27A.10(b)(ii), 2.27A.10(cA), 2.27A.10(cB), 2.27A.10(cC), 2.27A.10(d),	Constraint Formulation	To outline the processes to be followed by AEMO and the matters it must consider in formulating and updating Constraint Equations.
AEMO	2.27A.10(a)(i), 2.27A.10(a)(ii)(1), 2.27A.10(a)(ii)(2), 2.27A.10(d)	Limit Advice Requirements	To document the information and data to be provided by each Network Operator to AEMO; and the processes to be followed for the provision of and updates to such information.
Western Power	2.27A.9, 2.27A.11, 4.4B	Limit Advice	To describes the processes followed by Western Power and the matters it must consider in developing and updating Limit Advice provided to AEMO.
AEMO	7.5.4(a), 7.5.4(b), 7.6.3, 7.6.18(a), 7.6.18(b)	Facility Dispatch Process	To outline the processes AEMO and Market Participants must follow in issuing, recording, receiving, confirming, and responding to Dispatch Instructions.
AEMO	3.11.7, 7.2.5(a)I, 7.2.5(b)iii,	Essential System Service Quantities	To document the methodologies and processes to be followed by AEMO in

Procedure Administrator	Rule	Title	Purpose
	7.2.5(a)ii, 7.2.5(b)iv, 7.2.5(b)v, 7.2.5(b)l, 7.2.5(b)ii, 7.2.5(b)vii,		determining, for each Pre-Dispatch Interval and Dispatch Interval: the quantity of Regulation to schedule and dispatch and the method by which the quantity of Regulation required is calculated; the combination of Contingency Reserve and RoCoF Control Service required to maintain the frequency of the SWIS within the Credible Contingency Event Frequency Band and the expected quantities of any other Frequency Co-optimised Essential System Services required in each Dispatch Interval or Pre-Dispatch Interval to meet the Essential System Service Standards', the Dispatch Algorithm used by AEMO for the purpose of the Central Dispatch Process and setting Market Clearing Prices and the mathematical formulation of the Dispatch Algorithm; and the calculation of Minimum RoCoF Control Requirement and Additional RoCoF Control Requirement, the methodology AEMO uses to determine: Contingency Raise Offsets; Contingency Lower Offsets; Facility Performance Factors; the Minimum RoCoF Control Requirement; the Additional RoCoF Control Requirement; and the RoCoF Upper Limit.
ERA	3.15A.5	Economic Regulation Authority triggering the SESSM	To outline the process that the ERA will undertake to identify inefficient Real-Time Market outcomes to decide whether to trigger the Supplementary Essential System Services Mechanism (SESSM)
AEMO	7.6.33	Verification of Dispatch Inflexibility	To document the forms of independent verification to be used to support a reason given under clause 7.6.31(b).
AEMO	2.27B.8, 2.27B.4, 2.27B.6(d)	Congestion Information Resource	To describe the information in the Congestion Information Resource. Outlines the processes to be followed by AEMO in maintaining, publishing and updating the information, and in preparing the annual congestion report.
AEMO	7.2.5(a)(iii), 7.2.5(a)(iv), 7.2.5(a)(v), 7.2.5(a)(vi),	Dispatch Algorithm Formulation	To document the Dispatch Algorithm used by AEMO for the purpose of the Central Dispatch Process and setting Market

Procedure Administrator	Rule	Title	Purpose
	7.2.5(a)(vii), 7.2.5(c), 7.2.8, 7.6.24, 7.6.27, 7.11C.11		Clearing Prices and the mathematical formulation of the Dispatch Algorithm.
AEMO	2.27A.10(b), 2.27A.10(c), 2.27A.10(cA), 2.27A.10(cB), 2.27A.10(d)	RCM Constraint Formulation	To document the processes for AEMO to use to determine RCM Constraint Equation terms and coefficients for Network Constraints.
AEMO	3.2.7	Power System Security	To document the process to be followed by Rule Participants in providing Equipment Limit information to AEMO, the process to be followed by AEMO in establishing and modifying the Technical Envelope, and to ensure the SWIS operates according to the Technical Envelope. This procedure also outlines the process to be followed by AEMO to determine Inertia Requirements and the process to be followed by AEMO to assess and maintain Power System Stability.
AEMO	2.34A.13(a)(iv), 2.34A.13(a)(v), 2.35.4, 2.36A.1, 2.36A.2, 2.36A.3, 2.36A.4, 2.36A.4A, 2.36A.5.(a), 2.36A.5.(b), 2.36A.5.(c), 2.36A.5.(d), 2.36A.5.(e), 2.36A.6	Communications and Control Systems	To describe the communication and control system requirements necessary to support the dispatch process and enable AEMO to remotely monitor the performance of the SWIS.
AEMO	3.8A.4(a), 3.8A.4(b), 3.8A.4(c), 3.8A.4(d), 3.8A.4(e), 3.8A.4(f), 3.8A.6(b), 3.8A.7	Credible Contingency Events WEM Procedure	To outline the process for determination and classification of Credible Contingency Events, the Contingency Reclassification Conditions and requirements, and the procedures for notifying affected Rule Participants.
AEMO	1.41.6, 3A.6.2, 3A.9.1	GPS Compliance Tests and Generator Monitoring Plans	to document the requirements under clauses 1.41.6, 3A.6.2 and 3A.9.1 of the WEM Rules.

Procedure Administrator	Rule	Title	Purpose
Coordinator	1.42.10	Dispute Resolution Mechanism for Existing Transmission Connected Generating Systems	To outline the arbitration process as it relates to section 1.42 of the WEM Rules
Western Power	1.36.4, 1.40.30 and 3A.4.2	Generation System Model Submission and Maintenance	To outline the procedure for the provision of modelling data by existing or prospective Market Participants with new or modified Transmission Connected Generating Systems
Western Power	1.40.30	Generator Performance Standards for Existing Transmission Connected Generating Systems	To describe the process to be followed when submitting and assessing Generator Performance Standards for Existing Transmission Connected Generating Systems.
AEMO	1.49.5, 1.49.4, 1.49.1, 1.49.2, 2.34A.13.	Frequency Co-optimised Essential System Services Accreditation	to describe the processes for accreditation for a Frequency Co-optimised Essential System Service (FCESS), the FCESS Performance Requirements and Accreditation Parameters, RoCoF Ride-Through Capability accreditation, setting the RoCoF Ride-Through Cost Recovery Limit and transitional processes for the accreditation of FCESS.
AEMO	2.13.6A, 2.15.6A, 2.28.3A, 2.36A.1, 2.36A.5, 3.2.2, 3.2.4, 7.13.1, 7A.3.7, 7A.3.7A	IMS Interface	To outline the requirement to be followed by Network Operators and AEMO when exchanging information.
AEMO	3.2.2, 3.2.4, 3.2.6, 3.2.7, 3.3.3, 3.4.9, 3.5.11	Network Modelling Data	To describe the information that a Network Operator must provide to System Management for each of its Networks. Outlines the processes to be followed by Network Operators and AEMO, and the technical and communication criteria that must be met.
AEMO	3.7.40(a), 3.7.40(b), 3.7.40(c), 3.7.40(d),	System Restart	To document the methodology and processes AEMO uses to determine the System Restart Standard and System Restart Plan. Outlines requirements for

Procedure Administrator	Rule	Title	Purpose
	3.7.40(e), 3.7.40(f)		System Restart Service provision or operation.
AEMO	2.13.6K, 3.2.2, 3.3.3	Tolerance Ranges	To document the process for determining and reviewing the annual Tolerance Range and any Facility Tolerance Ranges.
Reserve Capacity Mechanisms			
AEMO	4.13.8, 4.13A.23	Reserve Capacity Security	To outline how Market Participants holding Certified Reserve Capacity must submit Reserve Capacity Security.
AEMO	4.25.14	Reserve Capacity Testing	To describe the procedure to be followed in performing Reserve Capacity Tests.
AEMO	4.27.12	Reserve Capacity Performance Monitoring	To describe the procedure to be followed by Market Participants and AEMO when conducting Reserve Capacity performance monitoring and list the documents and other items that may be required by AEMO as supporting evidence.
AEMO	4.24.18	Supplementary Capacity	To document the process to be followed by AEMO and requirements in acquiring Eligible Services, entering Supplementary Capacity Contracts.
AEMO	4.9.10(a), 4.9.10(b), 4.9.10(c)(i), 4.9.10(c)(iii)(1), 4.9.10(c)(iii)(2), 4.10A.6, 4.10A.11, 4.28C.15	Certification of Reserve Capacity for the 2023 Reserve Capacity Cycle	To outline the steps that Market Participants must follow when applying for Certified Reserve Capacity, and that AEMO must follow when processing applications. This procedure also describes the methodology AEMO uses for determining Planned Outage rates and Forced Outage rates.
AEMO	4.9.10(a), 4.9.10(b), 4.9.10(c)(i), 4.9.10(c)(iii)(1), 4.9.10(c)(iii)(2), 4.10A.6, 4.10A.11, 4.28C.15	Certification of Reserve Capacity for the 2022 Reserve Capacity Cycle	To outline the steps that Market Participants must follow when applying for Certified Reserve Capacity, and that AEMO must follow when processing applications. This procedure also describes the methodology AEMO uses for determining Planned Outage rates and Forced Outage rates.
AEMO	4.9.10(a), 4.9.10(b), 4.9.10(c)(i), 4.9.10(c)(iii)(1),	Certification of Reserve Capacity for	To outline the steps that Market Participants must follow when applying for Certified Reserve Capacity, and that AEMO must follow when processing applications. This

Procedure Administrator	Rule	Title	Purpose
	4.9.10(c)(iii)(2), 4.28C.15	the 2021 Reserve Capacity Cycle	procedure also describes the methodology AEMO uses for determining Planned Outage rates and Forced Outage rates.
AEMO	4.11.3A(c)	Electric Storage Resource Obligation Intervals	To document the processes to be followed by AEMO for determining changes to the Trading Intervals that will be classified as Electric Storage Resource Obligation Intervals. Outlines publication requirements. This procedure also describes the circumstances that allow AEMO to classify a Trading Interval as Electric Storage Resource Obligation Intervals without consultation with Market Participants.
AEMO	4.15.17, 4.28C.15	Network Access Quantity Model	To document the processes, methodologies, inputs, parameters and assumptions to be applied in the Network Access Quantity Model under Appendix 3 of the WEM Rules. The processes to be followed by AEMO in determining the facility dispatch scenarios and Network Access Quantities for a Reserve Capacity Cycle. This procedure also outlines requirements for publication, and provision of information from Market Participant or Network Operator to AEMO.
AEMO	4.14.11	Declaration of Bilateral Trades	To outline the process Market Participants must follow to submit a Bilateral Trade Declaration and the process AEMO must follow to assess and approve or reject a Bilateral Trade Declaration.
AEMO	2.27A.4, 2.27A.6(a)iii, 2.27A.10(a)(i), 2.27A.10(a)(ii)1, 2.27A.10(a)(ii)(2), 2.27A.10(bA)	RCM Limit Advice Requirements	To outline the data and information to be provided by a Network Operator to AEMO under clause 2.27A.2, the processes to be followed by the Network Operator and AEMO in providing information to each other under clauses 2.27A.4 and 4.4B.
AEMO	4.8A.1(a), 4.8A.1(b), 4.8A.2, 4.8A.3, 4.8A.5(a), 4.8A.5(b), 4.8A.5(c), 4.8A.6, 4.8A.7(a), 4.8A.7(b), 4.8A.7(c), 4.8A.7(d), 1.45.4,	Indicative Facility Class and RCM Facility Class Assessment	To document the processes to be followed by a Market Participants in applying, and by AEMO in determining and assigning: <ul style="list-style-type: none"> an indicative Facility Class and an indicative Facility Technology Type to a new Facility or Facility upgrade under clause 4.8A or an unregistered Facility under clause 1.45.9; and

Procedure Administrator	Rule	Title	Purpose
	1.45.5, 1.45.6, 1.45.8, 1.45.9		<ul style="list-style-type: none"> an RCM Facility Class and Facility Technology Type to a Registered Facility under clause 1.45.
AEMO	2.29.12, 2.29.13, 2.29.14, 2.29.15.(a), 2.29.15.(b), 2.29.15.(c), 2.29.15.(d), 4.9.3, 4.13.10B, 4.25, Appendix 9	Facility Sub-Metering	To outline the characteristics and requirements of Facility Sub-Metering, including accuracy requirements and audit requirements. This procedure also describes the communication requirements and protocols between Market Participants and AEMO.
AEMO	4.5.14.	Undertaking the LT PASA	To describe the procedure AEMO follows in conducting the Long Term PASA.
ERA	4.16.3	Benchmark Reserve Capacity Price	To describes the methodology that AEMO must use and the steps that AEMO must undertake in determining the Benchmark Reserve Capacity Price in each Reserve Capacity Cycle.

Appendix B: Guidelines

Responsible Party	Rule	Title	Purpose
AEMO	1.54A.2(a) Section 2 appendix 1	WEM Registration Technical Guide	To specify the application forms and field requirements that are to be submitted to AEMO
ERA	2.13.3B(a)	Types of information provided by AEMO to the ERA for monitoring purposes	To list the information, data, or documents to be provided by AEMO and used by the ERA for the purpose of monitoring Rule Participant behaviour for compliance with the Market Rules.
ERA	2.16D.1(a)	Offer Construction Guideline	To provide guidance to Market Participants in relation to the price offer obligations under new clause 2.16A.1 (Market Power Mitigation)
ERA	2.16D.1(b)	Trading Conduct Guideline	To provide clarity and guidance to Market Participants regarding the prohibited conduct described in new clause 2.16A.3. (Market Power Mitigation)
Coordinator	3.11A.2	WEM Guideline: Non-Co-	To provide an overview of the process to be followed by Western Power, Australian Energy Market Operator

Responsible Party	Rule	Title	Purpose
		optimised Essential System Services	and the Coordinator when identifying the need for the procurement of one of more non-network solutions as Non-Co-optimised Essential System Services
Western Power	3A.4.4	Guideline for the Assessment of Technical Requirements	To provide information to Market Participants as to how the standard or technical level of performance in respect of each Technical Requirement will be assessed for each type of Generating Unit and has been produced.
Western Power	3A.13.2	Relevant Generator Modification Guideline	To provide information and guidance to Market Participants on the RGM framework. Identifies alterations to 'Transmission Connected Generating Systems' that Western Power and the Australian Energy Market Operator (AEMO) considers are Potential RGMs and the circumstances, factors or other considerations that may result in a Potential RGM being declared a RGM.
AEMO	7.13.1(cA)	Cleansing of Generation Facility MWh Output Data Guideline	To outline the process that AEMO may follow when preparing Megawatt hour (MWh) output data for each generation Facility connected to the SWIS.
Western Power	A12.17.2	Generator And Load Model Guidelines	To outlines Western Power's approach to developing and maintaining accurate computer models, and clarifies users' requirements for provision of computer models and associated information for new connections or modifications to existing facilities.