

**ELECTRICITY INDUSTRY ACT 2004**  
**ELECTRICITY INDUSTRY (WHOLESALE ELECTRICITY MARKET) REGULATIONS 2004**  
**WHOLESALE ELECTRICITY MARKET RULES**  
Market Rules made by the Minister for Energy.

I, Mr Bill Johnston, Minister for Energy for the State of Western Australia hereby give notice of market rules made in accordance with regulation 7(5) of the *Electricity Industry (Wholesale Electricity Market) Regulations 2004*.

These market rules may be cited as the *Wholesale Electricity Market Amendment (Constraints Framework and Governance) Rules 2020* and are to commence at 08:00am (WST) on the day specified in the *Wholesale Electricity Market Amendment (Constraints Framework and Governance) Rules 2020*, being 1 July 2020.

A copy of the *Wholesale Electricity Market Amendment (Constraints Framework and Governance) Rules 2020* is available on the website of the Economic Regulation Authority at <https://www.erawa.com.au>.

Dated at Perth this 11/6/20

  
Hon W. JOHNSTON MLA, Minister for Energy.

# Wholesale Electricity Market Amendment (Constraints Framework and Governance) Rules 2020

## 1. Commencement

These amendments come into operation on 1 July 2020.

## 2. Section 1.4 amended

2.1 Clause 1.4.1(n) is deleted and replaced with the following:

- (n) **(amendments)**: if the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator has the power to make, prescribe, determine, compile, establish or develop a document, instrument, matter or thing, then the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or the Network Operator, as applicable, also has the power to amend, replace or revoke the whole or part of that document, instrument, matter or thing exercisable in like manner and subject to like conditions (if any);

## 3. Section 1.5 amended

3.1 Clause 1.5.1(b) is deleted and replaced with the following:

- (b) any other document or instrument issued, made or given by the Rule Change Panel, AEMO, the Economic Regulation Authority or a Network Operator under the Market Rules.

## 4. Section 1.7 amended

4.1 Insert the following new clause 1.7.4:

- 1.7.4. Where a Network Operator (in respect to any Market Procedures the Network Operator is required to develop and maintain under these Market Rules) is required by these Market Rules to publish or release a document or information, then:
- (a) the Network Operator must make that document or information available on its web site, in a place which is generally accessible by members of the class of persons entitled to access that document or information given AEMO's determination of its confidentiality status in accordance with section 10.2; and
- (b) if these Market Rules require that document or information to be published on the Market Web Site:
- i. the Network Operator must promptly notify AEMO when the document or information is published on the Network Operator's web site;
- ii. AEMO must, at a minimum, promptly publish a link to the relevant area of the Network Operator's web site on the Market Web Site; and

- iii. the Network Operator is deemed to have published or released the document or information once the Network Operator has published the document or information on its own web site, and has notified AEMO.

**5. Section 1.33 added**

5.1 Insert the following new section 1.33:

**1.33. Specific Transitional Provisions – Network Congestion and Constraint Equations**

1.33.1. To facilitate the implementation of Wholesale Electricity Market and Constrained Network Access Reform, prior to the New WEM Commencement Day:

- (a) AEMO must, without limiting clause 1.20.2:
  - i. develop the procedures described in clauses 2.27A.10 and 2.27B.8;
  - ii. consult with Rule Participants and other relevant stakeholders in developing the procedures described in clauses 2.27A.10 and 2.27B.8;
  - iii. formulate Constraint Equations:
    - 1. in accordance with the relevant procedure required to be developed by AEMO under clause 1.33.1(a)(i); and
    - 2. using the Reference Node to apply from the New WEM Commencement Day; and
  - iv. publish the Constraints Library and any other information relating to Constraints that AEMO determines, acting reasonably, should be published prior to the New WEM Commencement Day; and
- (b) each Network Operator must:
  - i. develop the procedure described in clause 2.27A.11;
  - ii. consult with Rule Participants and other relevant stakeholders in developing the procedure described in clause 2.27A.11;
  - iii. provide Limit Advice, developed in accordance with the procedure required to be developed by each Network Operator in accordance with clause 1.33.1(b)(i), to AEMO in sufficient time for AEMO to complete the activities described in clauses 1.33.1(a)(iii) and 1.33.1(a)(iv);
  - iv. provide any clarifications, updates or further information on Limit Advice, or further Limit Advice, as may be reasonably requested by AEMO; and
  - v. do anything else reasonably necessary or desirable to enable AEMO to undertake the activities described in section 1.20 and clause 1.33.1(a); and
- (c) the Economic Regulation Authority may do anything reasonably necessary or desirable to prepare for its function of monitoring compliance with the obligations in sections 2.27A and 2.27B.

1.33.2. Each procedure that is required to be developed under clauses 1.33.1(a)(i) and 1.33.1(b)(i) is a Transitional Procedure which:

- (a) without limiting clauses 1.33.1(a)(ii) and 1.33.1(b)(ii), may, but is not required to, be developed in accordance with the Procedure Change Process; and

- (b) is, from the New WEM Commencement Day, deemed to be the relevant Market Procedure required to be developed under section 2.27A or 2.27B.

1.33.3. Except in respect to the obligations under this section 1.33, prior to the New WEM Commencement Day, AEMO and each Network Operator are not required to:

- (a) comply with the obligations in sections 2.27A and 2.27B; or
- (b) respond to any requests issued by the Economic Regulation Authority under clause 2.27C.7.

## **6. Section 1.34 added**

6.1 Insert the following new section 1.34:

### **1.34. Calculation of Loss Factors – Change of Reference Node**

1.34.1. Without limiting clauses 2.27.6 and 2.27.7:

- (a) by 1 June immediately prior to the New WEM Commencement Day, each Network Operator must, in accordance with the Market Procedure specified in clause 2.27.17:
  - i. recalculate the Loss Factors for its connection points using the Reference Node to apply from the New WEM Commencement Day; and
  - ii. provide the updated Transmission Loss Factors and Distribution Loss Factors (as applicable) for each Loss Factor Class in the Network Operator's classification system to AEMO; and
- (b) AEMO must publish the Transmission Loss Factors and Distribution Loss Factors provided by a Network Operator in accordance with clause 1.34.1(a) within five Business Days after receiving them.

1.34.2. For the purposes of clause 2.27.8, the Transmission Loss Factors and Distribution Loss Factors that are recalculated and published in accordance with clause 1.34.1 apply from the New WEM Commencement Day.

## **7. Section 2.1A amended**

7.1 Section 2.1A is amended by adding a full stop at the end of the section number so that it reads '2.1A.'

7.2 Clause 2.1A.2 is amended by deleting the words 'The functions conferred on AEMO are—' and replacing them with the words 'The functions conferred on AEMO are:'.

7.3 Clause 2.1A.2(IA)(iv) is amended by deleting the word 'and' at the end of the clause.

7.4 Insert the following new clause 2.1A.2(IB):

- (IB) to develop and maintain a Congestion Information Resource; and

## **8. Section 2.2C added**

8.1 Insert the following new section 2.2C:

### **2.2C. Network Operators**

2.2C.1. The WEM Regulations provide for the Market Rules to confer functions on registered participants of a specified class. The functions conferred on each Network Operator are to:

- (a) calculate and provide Loss Factors to AEMO;
- (b) provide Limit Advice to AEMO;
- (c) develop Market Procedures, and amendments to and replacements for them, as required by these Market Rules;
- (d) do anything that the Network Operator determines to be conducive or incidental to the performance of the functions set out in this clause 2.2C.1; and
- (e) carry out any other functions conferred, and perform any other obligations imposed, on Network Operators under these Market Rules.

**9. Section 2.3 amended**

9.1 Clause 2.3.1(b) is deleted and replaced with the following:

- (b) to advise the Rule Change Panel, AEMO (including in its capacity as System Management), the Economic Regulation Authority and Network Operators regarding Procedure Change Proposals;

**10. Section 2.9 amended**

10.1 Insert the following new clause 2.9.2CA:

2.9.2CA. Each Network Operator must manage the development of, amendment of, and replacement for Market Procedures which these Market Rules require be developed by a Network Operator.

**11. Section 2.10 amended**

11.1 Clause 2.10.1 is deleted and replaced with the following:

2.10.1. The Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator, as applicable, may initiate the Procedure Change Process by developing a Procedure Change Proposal.

11.2 Clause 2.10.2 is deleted and replaced with the following:

2.10.2. Rule Participants may notify the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or the relevant Network Operator, as applicable, where they consider an amendment to or replacement of a Market Procedure would be appropriate.

11.3 Clause 2.10.2A is deleted and replaced with the following:

2.10.2A. Within 20 Business Days of receipt of a notification under clause 2.10.2, the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or the Network Operator, as applicable, must:

- (a) determine whether the suggested amendment to or replacement of a Market Procedure is appropriate; and
- (b) publish on the Market Web Site details of whether a Procedure Change Proposal will be progressed with respect to the suggested amendment to or replacement of a Market Procedure and the reasons for that decision.

11.4 Clause 2.10.3 is deleted and replaced with the following:

2.10.3. If an Amending Rule requires the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator to develop new Market Procedures or to amend or

replace existing Market Procedures, then the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or the Network Operator, as applicable, is responsible for the development of, amendment of or replacement for, Market Procedures so as to comply with the Amending Rule.

11.5 Insert the following new clause 2.10.5D:

2.10.5D. A Network Operator must publish Procedure Change Proposals that the Network Operator develops.

11.6 Clause 2.10.7 is deleted and replaced with the following:

2.10.7. At the same time as it publishes a Procedure Change Proposal notice, the Rule Change Panel, AEMO, the Economic Regulation Authority or the Network Operator, as applicable, must publish a call for submissions on that proposal. The due date for submissions must be 20 Business Days from the date the call for submissions is published. Any person may make a submission to the Rule Change Panel, AEMO, the Economic Regulation Authority or the Network Operator, as applicable, relating to a Procedure Change Proposal. A Procedure Change Submission may be made using the Procedure Change Submission form maintained on the Market Web Site in accordance with clause 2.9.4.

11.7 Clause 2.10.9(a) is amended by deleting the word 'or' at the end of the clause.

11.8 Insert the following new clause 2.10.9(aA):

(aA) a Network Operator considers that advice on the Procedure Change Proposal prepared by a Network Operator is required from the Market Advisory Committee; or

11.9 Insert the following new clause 2.10.12D:

2.10.12D. A Network Operator must publish Procedure Change Reports that the Network Operator prepares.

11.10 Clause 2.10.13(g) is amended by deleting the word 'and' at the end of the clause.

11.11 Clause 2.10.13(h) is amended by deleting the full stop at the end of the clause and replacing it with the word '; and'.

11.12 Insert the following new clause 2.10.13(i):

(i) in the case of a Procedure Change Proposal developed by a Network Operator, a proposed date and time for the Market Procedure or amendment or replacement to commence, which must, in the Network Operator's opinion, allow sufficient time after the date of publication of the Procedure Change Report for Rule Participants to implement changes required by it.

11.13 Clause 2.10.17 is deleted and replaced with the following:

2.10.17. If the Rule Change Panel, AEMO, the Economic Regulation Authority or a Network Operator, as applicable, considers, at any time after publishing a Procedure Change Proposal, that it is necessary to extend the normal timeframes for processing the Procedure Change Proposal because:

(a) issues of sufficient complexity or difficulty have been identified relating to the Procedure Change Proposal; or

(b) further public consultation on an issue associated with the Procedure Change Proposal is required; or

- (c) the Procedure Change Proposal cannot be dealt with adequately without an extension because of any other special circumstance,

then the Rule Change Panel, AEMO, the Economic Regulation Authority or the Network Operator, as applicable, may modify the times and time periods under clause 2.10.7 in respect of the Procedure Change Proposal and publish details of the modified times and time periods.

11.14 Clause 2.10.18 is deleted and replaced with the following:

- 2.10.18. The Rule Change Panel, AEMO, the Economic Regulation Authority or a Network Operator, as applicable, must publish a notice of an extension determined in accordance with clause 2.10.17 and must update any information already published in accordance with clause 2.10.7.

## **12. Section 2.11 amended**

12.1 Clause 2.11.1 is deleted and replaced with the following:

- 2.11.1. A Rule Participant may apply to the Electricity Review Board for a Procedural Review of a decision by the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator, as applicable, contemplated by clauses 2.10.2A(a) or 2.10.13 within the time specified in regulation 44 of the WEM Regulations, on the grounds that the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or the Network Operator, as applicable, has not followed the process set out in section 2.10 or the Market Procedure specified in clause 2.9.5.

12.2 Clause 2.11.2 is deleted and replaced with the following:

- 2.11.2. Following an application for a Procedural Review under clause 2.11.1, if the Electricity Review Board finds that the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator has not followed the process set out in section 2.10 or the Market Procedure specified in clause 2.9.5, the Electricity Review Board may set aside the Rule Change Panel's decision, AEMO's decision, System Management's decision, the Economic Regulation Authority's decision or the Network Operator's decision and direct the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or the Network Operator to reconsider the relevant Procedure Change Proposal in accordance with section 2.10 and the Market Procedure specified in clause 2.9.5.

12.3 Clause 2.11.3 is deleted and replaced with the following:

- 2.11.3. Subject to clauses 2.11.2 and 2.11.4, a Market Procedure or an amendment of or replacement for a Market Procedure commences at the time and date specified under clauses 2.10.13(f), 2.10.13(g), 2.10.13(h) or 2.10.13(i) (as applicable).

12.4 Clause 2.11.4 is deleted and replaced with the following:

- 2.11.4. If at any time, the Rule Change Panel, AEMO, the Economic Regulation Authority or a Network Operator considers that Rule Participants will not have sufficient time to implement any necessary changes required by the Market Procedure that the Rule Change Panel, AEMO, the Economic Regulation Authority or the Network Operator, as applicable, are required to publish, or amendment or replacement of the Market Procedure, then the Rule Change Panel, AEMO, the Economic Regulation Authority or the Network Operator, as applicable, may extend the time and date when that Market Procedure, amendment or replacement commences by publishing notice of the revised time and date when the amendment of or replacement for that Market Procedure commences.

**13. Section 2.17 amended**

- 13.1 Clause 2.17.1 is amended by deleting the words 'the Rule Change Panel, AEMO, System Management or the Economic Regulation Authority' and replacing them with the words 'the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator'.
- 13.2 Clause 2.17.2 is amended by deleting the words 'the Rule Change Panel, AEMO, System Management or the Economic Regulation Authority' and replacing them with the words 'the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator'.

**14. Section 2.21 amended**

- 14.1 Insert the following new clause 2.21.9:

2.21.9. Each Network Operator must consult on such matters with such persons and over such timeframes as are specified in these Market Rules.

- 14.2 Insert the following new clause 2.21.10:

2.21.10. Each Network Operator must:

- (a) conduct its consultation processes in good faith; and
- (b) ensure that these consultation processes allow a reasonable opportunity for relevant stakeholders to present their views.

**15. Section 2.22A amended**

- 15.1 Clause 2.22A.1(c) is amended by deleting the word 'and' at the end of the clause.
- 15.2 Clause 2.22A.1(d) is amended by deleting the full stop at the end of the clause and replacing it with the word '; and'.
- 15.3 Insert the following new clause 2.22A.1(e):
- (e) Constraint-related and Network congestion services, including AEMO maintaining a Congestion Information Resource.

**16. Section heading added**

- 16.1 Insert the following new heading immediately after clause 2.27.19:

**Network Congestion and Constraint Equations**

**17. Section 2.27A added**

- 17.1 Insert the following new section 2.27A:

**2.27A. Limit Advice and Constraint Equations**

- 2.27A.1. A Network Operator must, in accordance with this section 2.27A, provide Limit Advice in respect to its Network to AEMO.
- 2.27A.2. Information to be provided to AEMO by a Network Operator in respect to limitations of, or relating to, its Network ("**Limit Advice**") includes:

- (a) Limit Equations in respect of Network Limits, excluding Limit Equations for Essential System Services or, if, in respect of a particular Network element, a mathematical expression is not appropriate, the Network Limit for that particular Network element;
  - (b) Limit Advice Inputs; and
  - (c) supporting information and data specified in the Market Procedure referred to in clause 2.27A.10(a).
- 2.27A.3. A Network Operator must provide Limit Advice to AEMO in the form and by the dates and times specified in the Market Procedure referred to in clause 2.27A.10(a).
- 2.27A.4. AEMO may, if it reasonably considers it is required to enable it to carry out its obligations specified in clause 2.27A.7, request:
- (a) clarification or further information regarding any aspect of information provided under clause 2.27A.2 from the Network Operator who provided it to AEMO; and
  - (b) additional Limit Advice from a Network Operator,
- and each Network Operator must comply with any such request in accordance with the Market Procedures referred to in clauses 2.27A.10(a) and 2.27A.10(d).
- 2.27A.5. Any information provided by a Network Operator in response to a request by AEMO under clause 2.27A.4(a) is Limit Advice for the purpose of clause 2.27A.2.
- 2.27A.6. A Network Operator must, in respect of Limit Advice:
- (a) use its reasonable endeavours to ensure that all necessary Limit Advice is complete, current and accurate at the time it is provided to AEMO;
  - (b) promptly notify AEMO if it forms the view that any Limit Advice is no longer complete, current or accurate, including where Limit Advice is no longer required; and
  - (c) update Limit Advice in accordance with the Market Procedure referred to in clause 2.27A.10(a).
- 2.27A.7. AEMO must:
- (a) formulate Constraint Equations in accordance with the Market Procedure referred to in clause 2.27A.10(b);
  - (b) develop and maintain the Constraints Library in accordance with the Market Procedure referred to in clause 2.27A.10(c);
  - (c) use its reasonable endeavours to ensure that all necessary Constraint Equations are complete, current and accurate; and
  - (d) update Constraint Equations, publish updates to the Constraints Library and notify Rule Participants of updates to the Constraints Library in accordance with the Market Procedures referred to in clauses 2.27A.10(b) and 2.27A.10(c).
- 2.27A.8. A Constraint Equation that is updated by AEMO under clause 2.27A.7(d) is effective from the date and time determined by AEMO.

2.27A.9. The principles that must be taken into account by each Network Operator in developing Limit Advice, and by AEMO in formulating Constraint Equations, are:

- (a) the Wholesale Market Objectives; and
- (b) good electricity industry practice.

2.27A.10. AEMO must document in a Market Procedure:

- (a) in respect of the information to be provided by a Network Operator to AEMO under clause 2.27A.2:
  - i. the information and data to be provided by each Network Operator to AEMO; and
  - ii. the processes to be followed for the provision of and updates to such information and any other information referred to in clause 2.27A.4 from each Network Operator to AEMO, including:
    - 1. the format, form and manner in which such information must be provided; and
    - 2. where these Market Rules do not provide a timeframe for the provision of such information to AEMO, the time by which such information must be provided;
- (b) the processes to be followed by AEMO and the matters it must consider in formulating and updating Constraint Equations, including:
  - i. the approach to be taken by AEMO in applying:
    - 1. an Operating Margin; and
    - 2. the principles described in clause 2.27A.9; and
  - ii. the conventions for assigning a unique identifier to Constraint Equations and Constraint Sets;
- (c) the processes to be followed by AEMO in developing and updating the Constraints Library and notifying Rule Participants of updates to the Constraints Library; and
- (d) any other processes or procedures relating to Constraints or Network congestion that AEMO considers are reasonably required to enable it to carry out its functions under the Market Rules.

2.27A.11. Each Network Operator must document in a Market Procedure the processes to be followed by the Network Operator and the matters it must consider in developing and updating Limit Advice, including the approach to be taken by the Network Operator in applying:

- (a) a Limit Margin; and
- (b) the principles described in clause 2.27A.9.

## **18. Section 2.27B added**

18.1 Insert the following new section 2.27B:

### **2.27B. Congestion Information Resource**

2.27B.1. The objective of the Congestion Information Resource is to provide information in a cost-effective and timely manner to Rule Participants and other interested stakeholders to enable them to

understand patterns of Network congestion and the market impact of Network congestion (“**Congestion Information Resource Objective**”).

- 2.27B.2. To implement the Congestion Information Resource Objective, AEMO must:
- (a) develop and maintain a Congestion Information Resource in accordance with this section 2.27B; and
  - (b) publish the Congestion Information Resource on the Market Web Site.
- 2.27B.3. The Congestion Information Resource must include:
- (a) the Constraints Library;
  - (b) as soon as practicable after a Trading Interval, each Constraint Equation that bound during the Trading Interval;
  - (c) each report described in clause 2.27B.6;
  - (d) any other information that AEMO, in its reasonable opinion, considers relevant to implement the Congestion Information Resource Objective; and
  - (e) any other information specified in the Market Procedure referred to in clause 2.27B.8.
- 2.27B.4. AEMO must keep up to date the information in the Congestion Information Resource (excluding, for the avoidance of doubt, an annual congestion report described in clause 2.27B.6):
- (a) consistently with the Congestion Information Resource Objective; and
  - (b) in accordance with the processes and by the dates and times specified in the Market Procedure referred to in clause 2.27B.8.
- 2.27B.5. Each Network Operator must do all things reasonably necessary to support AEMO in carrying out its obligations under this section 2.27B, including providing AEMO with any information or data that AEMO reasonably requires.
- 2.27B.6. AEMO must prepare and publish an annual congestion report by 31 March each year. A report must contain:
- (a) information on Network congestion for at least the period of 12 months commencing at the start of the Trading Day which commences on 1 October and ending at the end of the Trading Day ending on 1 October of the following calendar year immediately preceding the due date of the report specified in this clause 2.27B.6, including:
    - i. analysis of the Constraint Equations that bound during a Trading Interval, including the duration and frequency; and
    - ii. assessment of the market impact of Network congestion;
  - (b) information that is known to AEMO at the time of preparing the annual congestion report in accordance with this section 2.27B that is likely to affect, or could result in, Network congestion including:
    - i. new connections to the SWIS;
    - ii. augmentations of the SWIS;
    - iii. decommissioning of a generating system, Load or any Network elements; and
    - iv. changes to Network elements;

- (c) any other information that AEMO, in its reasonable opinion, considers relevant to implement the Congestion Information Resource Objective; and
- (d) any other information or matters specified in the Market Procedure referred to in clause 2.27B.8.

2.27B.7. In preparing a report described in clause 2.27B.6, AEMO must consult with each Network Operator.

2.27B.8. AEMO must document in a Market Procedure:

- (a) the information to be published in the Congestion Information Resource;
- (b) the processes to be followed by AEMO in maintaining, publishing and updating the information in the Congestion Information Resource;
- (c) the processes to be followed by AEMO in preparing a report described in clause 2.27B.6; and
- (d) the information that AEMO may reasonably require a Network Operator or other Rule Participant to provide to AEMO to assist it with carrying out its obligations under this section 2.27B, and:
  - i. the format, form and manner in which any such information must be provided; and
  - ii. the date and time by which any such information must be provided.

## **19. Section 2.27C added**

19.1 Insert the following new section 2.27C:

### **2.27C. Economic Regulation Authority Review of Limit Advice and Constraint Equations**

2.27C.1. The Economic Regulation Authority must review the effectiveness of:

- (a) Limit Advice provided by each Network Operator to AEMO; and
- (b) Constraint Equations formulated by AEMO,

in meeting the principles described in clause 2.27A.9.

2.27C.2. A review conducted under clause 2.27C.1 must examine:

- (a) the appropriateness of any Limit Margin applied by each Network Operator;
- (b) the appropriateness of any Operating Margin applied by AEMO;
- (c) the appropriateness of the Market Procedures described in clauses 2.27A.10(b)(i) and 2.27A.11; and
- (d) any other matters which the Economic Regulation Authority considers relevant.

2.27C.3. Without limiting clause 2.27C.2, the Economic Regulation Authority may determine the scope of the Limit Advice and Constraint Equations to be reviewed in accordance with clause 2.27C.1.

2.27C.4. In conducting a review under clause 2.27C.1, the Economic Regulation Authority must publish a draft report and invite submissions, and publish all submissions received, from Rule Participants and any other interested stakeholders.

- 2.27C.5. In conducting a review under clause 2.27C.1, the Economic Regulation Authority must publish a final report containing:
- (a) the scope of the review as determined by the Economic Regulation Authority in accordance with clause 2.27C.3;
  - (b) the issues identified by the Economic Regulation Authority;
  - (c) the assumptions made by the Economic Regulation Authority in undertaking the review;
  - (d) the results of any technical and cost-benefit studies;
  - (e) a summary of any submissions on the draft report received by the Economic Regulation Authority from Rule Participants and other interested stakeholders in accordance with clause 2.27C.4;
  - (f) the Economic Regulation Authority's responses to the issues raised in those submissions;
  - (g) any recommendations of the Economic Regulation Authority; and
  - (h) any other matters the Economic Regulation Authority considers relevant to the review.
- 2.27C.6. The Economic Regulation Authority must complete a review under clause 2.27C.1:
- (a) for the first review, within two years of the New WEM Commencement Day; and
  - (b) for each subsequent review, at least once every three years from the completion of the preceding review under this section 2.27C.
- 2.27C.7. The Economic Regulation Authority may request, and AEMO and each Network Operator must provide, any information and documents, including methodologies, models, software, data sources and internal procedures, used by:
- (a) the Network Operator, in respect to Limit Advice provided by the relevant Network Operator to AEMO; and
  - (b) AEMO, in respect to the Constraint Equations formulated by it,
- that the Economic Regulation Authority considers relevant to a review conducted under clause 2.27C.1.

## **20. Section 10.3 amended**

20.1 Clause 10.3.2 is deleted and replaced with the following:

10.3.2. Subject to clause 10.4.2, the Rule Change Panel, AEMO, the Economic Regulation Authority or a Network Operator must not require a fee for information or documents released or published by the Rule Change Panel, AEMO, the Economic Regulation Authority or the Network Operator via the Market Web Site, or via AEMO's web site, the Economic Regulation Authority's web site or the Network Operator's web site in accordance with the Market Rules or Market Procedures.

## **21. Section 10.5 amended**

21.1 Clause 10.5.2(k) is amended by deleting the word 'and' at the end of the clause.

21.2 Clause 10.5.2(l) is amended by deleting the full stop at the end of the clause and replacing it with the word '; and'.

21.3 Insert the following new clause 10.5.2(m):

(m) the information in the Congestion Information Resource.

## 22. Chapter 11 (Glossary) amended

22.1 Insert the following new definitions in Chapter 11 (Glossary):

**Congestion Information Resource:** An information resource comprising the information described in clause 2.27B.3.

**Congestion Information Resource Objective:** Has the meaning given in clause 2.27B.1.

**Constraint:** Means:

- (a) a Network Constraint; and
- (b) a limitation or requirement affecting the capability of a Load or generating system such that it would represent a risk to Power System Security or Power System Reliability if the limitation or requirement was removed.

**Constraint Equation:** A mathematical representation of a Constraint on the SWIS.

**Constraint Sets:** Each group of Constraint Equations that respond to a particular condition or set of conditions.

**Constraints Library:** The collection of:

- (a) Constraint Equations and Constraint Sets that AEMO is required to develop and maintain in accordance with section 2.27A; and
- (b) supporting information, including:
  - i. Limit Advice, including Limit Equations and Limit Advice Inputs;
  - ii. the Operating Margin forming part of each Constraint Equation; and
  - iii. any other information specified in the Market Procedure referred to in clause 2.27A.10.

**Essential System Services:** Each service that is required to maintain Power System Security and Power System Reliability, facilitate orderly trading in electricity and ensure that electricity supplies are of an acceptable quality.

**Limit Advice:** Has the meaning given in clause 2.27A.2.

**Limit Advice Inputs:** Information used in the development of Limit Advice including:

- (a) the rating for each transmission system element or equipment comprising the transmission system, including any part of the distribution system that is used for the transmission of electricity as part of the secure operation of the transmission system or the SWIS; and
- (b) the Limit Margin forming part of each Limit Equation.

**Limit Equation:** Means a mathematical expression defining the power transfer capability across a particular Network element or group of Network elements.

**Limit Margin:** A margin applied by a Network Operator when formulating a Limit Equation, or a Network Limit where a Limit Equation is not appropriate, to account for uncertainty.

**Network Constraint:** A limitation or requirement affecting the capability in a part of the transmission system, including any part of the distribution system that is used for the transmission of electricity as part of the secure operation of the transmission system or the SWIS, such that it would be unacceptable to transfer electricity across that part of the Network at a level or in a manner outside the limit or requirement.

**Network Limit:** A limitation or requirement on a Network that gives rise to a Network Constraint.

**New WEM Commencement Day:** The date and time specified by the Minister as the New WEM Commencement Day, as published in the Government Gazette.

**Operating Margin:** A margin applied by AEMO when formulating a Constraint Equation to account for uncertainty.

**Transitional Procedure:** A procedure that, in accordance with these Market Rules, is:

- (a) required to be developed prior to the New WEM Commencement Day; and
- (b) deemed to be a Market Procedure from the New WEM Commencement Day, or such other date as specified in these Market Rules.

22.2 The definition of 'Market Procedure' is deleted and replaced with the following:

**Market Procedure:** The procedures developed by the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority and a Network Operator, as applicable, in accordance with section 2.9 (including the Power System Operation Procedures developed by System Management) as amended in accordance with the Procedure Change Process.

22.3 The definition of 'Procedure Change Proposal' is deleted and replaced with the following:

**Procedure Change Proposal:** A proposal developed by the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator to initiate a Procedure Change Process.

22.4 The definition of 'Procedure Change Report' is deleted and replaced with the following:

**Procedure Change Report:** A final report prepared by the Rule Change Panel, AEMO, System Management, the Economic Regulation Authority or a Network Operator in relation to a Procedure Change Proposal, containing the information described in clause 2.10.13.

22.5 The definition of 'Reference Node' is deleted and replaced with the following:

**Reference Node:** Is:

- (a) up to the New WEM Commencement Day, the Muja 330 kV bus-bar; and
- (b) on and from the New WEM Commencement Day, the Southern Terminal 330 kV bus-bar, (relative to which Loss Factors are defined and Constraint Equations are formulated).

22.6 The definition of 'Reviewable Decision' is deleted and replaced with the following:

**Reviewable Decision:** Decisions made by the Rule Change Panel, AEMO, the Economic Regulation Authority or a Network Operator, in respect of which an eligible person may apply to the Electricity Review Board in accordance with section 125 of the Electricity Industry Act and the Regulations, and does not include any decisions of a class specified for this purpose in the Regulations under section 125 of that Act.