

## Commencement Notice: Wholesale Electricity Market Rules

Amending Rules RC\_2015\_01

These Amending Rules were made under the *Electricity Industry Act 2004* and the *Electricity Industry (Wholesale Electricity Market) Regulations 2004* on 10 June 2019.

These Amending Rules commence at 8:00 AM on 1 August 2019.

The following clauses are amended (~~deleted wording~~, new wording):

1.14.1. On and from the AEMO Transition ~~Date~~ Date:

...

- (e) until the date on which a ~~Monitoring and Reporting Protocol~~ the Market Procedure specified in clause 2.15.6A developed by AEMO is approved by the Economic Regulation Authority under clause ~~2.15.6A~~ 2.15.6A:

...

...

...

1.16.1. On and from the System Management Transition ~~Date~~ Date:

...

- (e) AEMO may amend its ~~Monitoring and Reporting Protocol~~ the Market Procedure specified in clause 2.15.6A to incorporate its System Management Functions, and until it is ~~amended~~ amended:

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...

...

1.17.1. On and from the ERA Transfer ~~Date~~ Date:

...

- (d) where the Economic Regulation Authority is required to develop or maintain a Market Procedure (including the ~~Monitoring Protocol~~ Market Procedure that is required to be maintained in accordance with clause 2.15.1), and that Market Procedure was developed or maintained by the IMO prior to the ERA Transfer Date, ~~then~~ then:

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- 1.18.2. On and from the Rule Change Panel Transfer ~~Date~~ Date:
- (a) any ~~Administration Market~~ Procedure developed by AEMO under clause 2.9.5 prior to the Rule Change Panel Transfer Date is deemed to have been developed by the Rule Change Panel in accordance with clause 2.9.5;
  - (b) any reference to AEMO in the ~~Administration Market~~ Procedure specified in clause 2.9.5 that should be a reference to the Rule Change Panel having regard to the Rule Change Panel's functions, powers, rights and obligations under these Market Rules and the Market Procedures is deemed to be a reference to the Rule Change Panel;
  - (c) the Rule Change Panel may amend the ~~Administration Market~~ Procedure specified in clause 2.9.5 to refer to the Rule Change Panel instead of AEMO (where appropriate) and make any necessary consequential amendments without undertaking the Procedure Change Process;
  - (d) the ~~Administration Market~~ Procedure which is amended by the Rule Change Panel in accordance with this clause 1.18.2 may commence operation on the date and time determined by the Rule Change Panel and published on the Market Web Site; and
  - (e) notwithstanding the operation of this clause 1.18.2, the Rule Change Panel is not liable for any act, matter or thing done by AEMO prior to the Rule Change Panel Transfer Date in breach of these Market Rules or any Market Procedure ~~(including the Administration Procedure)~~.

...

- 2.2.2. The other functions of System Management in relation to the Wholesale Electricity Market are:

...

- (c) to develop Market Procedures relevant to System Management (including the Power System Operation Procedures ~~and the IMS Interface Procedure~~), and amendments and replacements for them, where required by these Market Rules;

...

...

- 2.9.2D. AEMO must develop and maintain on the Market Web Site a list of all Market Procedures and Power System Operation Procedures that AEMO (including in its capacity as System Management) is required to develop or maintain under the Market Rules. For each Market Procedure and Power System Operation Procedure the list must:

- (a) state the name of the Market Procedure or Power System Operation Procedure;
- (b) give a brief description of the Market Procedure or Power System Operation Procedure; and
- (c) specify:

- i. each head of power clause in the Market Rules pursuant to which the Market Procedure or Power System Operation Procedure has been developed; and
- ii. if not already covered under clause 2.9.2D(c)(i), each clause in the Market Rules which requires that an obligation, process or requirement be documented in a Market Procedure or Power System Operation Procedure, that has been documented in that Market Procedure or Power System Operation Procedure.

2.9.2E. AEMO must maintain and keep up to date the list referred to in clause 2.9.2D.

...

2.9.5. The Rule Change Panel must develop ~~an a~~ Market Administration Procedure setting out the procedure for developing and amending Market Procedures, ~~and:~~

- ~~(a) AEMO must follow the Administration Procedure when developing and approving Procedure Change Proposals;~~
- ~~(b) System Management must follow the Administration Procedure when developing Procedure Change Proposals;~~
- ~~(bA) the Economic Regulation Authority must follow the Administration Procedure when developing Procedure Change Proposals;~~
- ~~(bB) the Rule Change Panel must follow the Administration Procedure when developing Procedure Change Proposals; and~~
- ~~(c) Rule Participants involved in the Procedure Change process must follow the Administration Procedure when assisting the Rule Change Panel, AEMO or System Management to develop Procedure Change Proposals.~~

...

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 or the Economic Regulation Authority, 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 or the Economic Regulation Authority, as applicable, has not followed the process set out in section 2.10 or the Administration Market Procedure specified in clause 2.9.5.

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 or the Economic Regulation Authority has not followed the process set out in section 2.10 or the Administration 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 or Economic Regulation Authority's decision and direct the Rule Change Panel, AEMO, System Management or the Economic Regulation Authority to reconsider the relevant Procedure Change Proposal in accordance with section 2.10 and the Administration Market Procedure specified in clause 2.9.5.

...

2.13.2. The Economic Regulation Authority must monitor other Rule Participants' behaviour (including AEMO's and System Management's behaviour) for compliance with the Market Rules and Market Procedures in accordance with the ~~Monitoring Protocol~~ Market Procedure specified in clause 2.15.1.

2.13.3. The Economic Regulation Authority must ensure it has processes and systems in place to allow it to monitor Rule Participants' behaviour for compliance with the Market Rules and Market Procedures in accordance with the ~~Monitoring Protocol~~ Market Procedure specified in clause 2.15.1.

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2.13.6A. Subject to clause 2.13.6B, System Management must report any alleged breaches of the provisions of the Market Rules referred to in clause 2.13.9 or the Power System Operation Procedures to the Economic Regulation Authority in accordance with the ~~Monitoring and Reporting Protocol~~ Market Procedure specified in clause 2.15.6A developed by AEMO.

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2.13.6K. System Management must document the procedure for determining and reviewing the annual Tolerance Range and any Facility Tolerance Ranges in the a Power System Operation Procedure, and System Management and Market Participants must follow that documented ~~Power System Operation Procedure.~~

...

2.13.9C. If AEMO becomes aware of an alleged breach of the Market Rules (other than a provision of the Market Rules referred to in clause 2.13.9) or the Market Procedures developed by AEMO then it must notify the Economic Regulation Authority in accordance with the ~~Monitoring and Reporting Protocol~~ Market Procedure specified in clause 2.15.6A developed by AEMO.

...

## **2.15. Monitoring and Reporting Protocols Requirements**

2.15.1. The Economic Regulation Authority must maintain and implement a monitoring protocol in a ~~Monitoring Protocol~~ Market Procedure.

2.15.2. The purpose of the ~~Monitoring Protocol~~ Market Procedure specified in clause 2.15.1 is to state how the Economic Regulation Authority will implement its obligations under these Market Rules to monitor Rule Participants' behaviour for compliance with the Market Rules and Market Procedures.

2.15.3. The ~~Monitoring Protocol~~ Market Procedure specified in clause 2.15.1 must specify:

- (a) the Economic Regulation Authority's monitoring processes for assessing compliance with the Market Rules and Market Procedures by Rule Participants;

...

...

2.15.6A. AEMO must develop and implement a ~~Monitoring and Reporting Protocol~~ monitoring and reporting protocol in a Market Procedure and seek the approval of the Economic Regulation Authority for that ~~Monitoring and Reporting Protocol~~ Market Procedure.

2.15.6B. The purpose of ~~AEMO's Monitoring and Reporting Protocol~~ the Market Procedure specified in clause 2.15.6A is to state how AEMO (including in its capacity as System Management) will implement its obligations under these Market Rules to support the Economic Regulation Authority's monitoring of Rule Participants' behaviour for compliance with the Market Rules in accordance with clauses 2.13.9A and 2.13.6, and with Market Procedures (including the Power System Operation Procedures) developed by AEMO.

2.15.6C. The Market Procedure specified in clause 2.15.6A must specify:~~AEMO's Monitoring and Reporting Protocol must specify—~~

- (a) AEMO's processes (including in its capacity as System Management) for assisting the Economic Regulation Authority in monitoring and assessing compliance with the Market Rules and Market Procedures by Market Participants; and

...

...

2.15.7. ~~[Blank]The Monitoring Protocol maintained by the Economic Regulation Authority and the Monitoring and Reporting Protocol developed by AEMO, are Market Procedures under these Market Rules, and must be developed and amended in accordance with clauses 2.9 and 2.10.~~

...

2.27.6. Each year by 1 June each Network Operator must, in accordance with the Market Procedure specified in clause 2.27.17~~for Determining Loss Factors~~, recalculate the Loss Factors for its connection points and provide AEMO with updated Transmission Loss Factors and Distribution Loss Factors (as applicable) for each Loss Factor Class in the Network Operator's classification system.

...

2.27.10. A Network Operator must develop new Loss Factor Classes if required to implement the classification system prescribed by AEMO for that Network Operator. If a Network Operator develops a new Loss Factor Class then it must:

- (a) calculate the initial Transmission Loss Factor or Distribution Loss Factor (as applicable) for the new Loss Factor Class in accordance with the Market Procedure specified in clause 2.27.17~~for Determining Loss Factors~~; and

...

...

2.27.15. A Market Participant may apply to AEMO for a reassessment of any Transmission Loss Factor or Distribution Loss Factor applying to a Scheduled Generator, Non-

Scheduled Generator, Interruptible Load or Non-Dispatchable Load registered to that Market Participant. The following requirements apply to each application for reassessment:

- (a) The Market Participant must apply for reassessment in accordance with the Market Procedure specified in clause 2.27.17~~for Determining Loss Factors~~.
- (b) AEMO must process an application for reassessment and where required conduct an audit of the relevant Loss Factor calculation in accordance with the Market Procedure specified in clause 2.27.17~~for Determining Loss Factors~~.

...

...

2.27.17. AEMO must, with the assistance of Network Operators, document the standards, methodologies, classification systems and procedures to be used in determining Loss Factors in the a Market Procedure~~for Determining Loss Factors~~.

...

2.30.11. AEMO must document the facility aggregation and disaggregation process in the Registration a Market Procedure~~, and:~~

- ~~(a) applicants for facility aggregation or disaggregation must follow that documented Market Procedure; and~~
- ~~(b) AEMO must follow that documented Market Procedure when processing applications for facility aggregation and disaggregating previously aggregated facilities.~~

...

2.30A.6. AEMO must document the Spinning Reserve costs exemption process in the Registration a Market Procedure~~, and:~~

- ~~(a) applicants for exemption from Spinning Reserve costs must follow that documented Market Procedure; and~~
- ~~(b) AEMO must follow that documented Market Procedure when processing applications for exemption from Spinning Reserve cost funding.~~

....

2.31.23. AEMO must document the registration, de-registration and transfer process in the Registration a Market Procedure~~, and:~~

- (a) applicants to register or de-register as a Rule Participant in a particular class must follow the documented Market Procedure applicable to that class; and
- (b) applicants to register, de-register, or transfer a Facility in a particular Facility Class must follow the documented Market Procedure applicable to that class; ~~and~~
- ~~(c) [Blank]~~

~~(d) AEMO must follow that documented Market Procedure when processing applications for Rule Participant registration or de-registration, or for registration, de-registration or transfer of a facility.~~

...

2.35.4. System Management must document the communications and control system requirements necessary to support the dispatch process described in these Market Rules in the a Power System Operation Procedure. ~~System Management, Market Participants and Network Operators must comply with that documented Market Procedure in respect of communication and control system requirements.~~

...

2.36.5. AEMO must document the data and IT interface requirements, including security standards required for Market Participants to operate in the Wholesale Electricity Market in the relevant procedure to which the system pertains ~~and AEMO and Market Participants must comply with that documented Market Procedure in respect of data and IT interface requirements.~~

...

2.36A.1. System Management must develop ~~an IMS Interface~~ a Market Procedure prescribing the reasonable arrangement by which Network Operators and AEMO must, subject to clause 2.36A.2, provide each other with information under these Market Rules, ~~including~~ including:

- (a) the format, form and manner in which that information must be provided; and
- (b) where the Market Rules do not provide a timeframe for the provision of the information, the time by which such information must be provided.

2.36A.2. Where the ~~IMS Interface~~ Market Procedure specified in clause 2.36A.1 is inadequate to enable either System Management or a Network Operator to comply with an obligation to provide information to the other under these Market Rules, and such information is required in a timely manner for the efficient performance of System Management's functions, then the following process applies until such time as the ~~IMS Interface~~ Market Procedure is amended to correct the ~~inadequacy~~ inadequacy:

- (a) a senior manager from each of System Management and the Network Operator must meet as soon as possible after the inadequacy in the ~~IMS Interface~~ Market Procedure is identified and seek to agree an amendment to the ~~IMS Interface~~ Market Procedure that addresses the inadequacy and which is consistent with these Market Rules;

...

- (c) if no agreement is reached under clause 2.36A.2(a), then System Management and the Network Operator must meet as soon as possible and seek to agree an amendment to the ~~IMS Interface~~ Market Procedure that addresses the inadequacy and which is consistent with these Market Rules, and develop a Procedure Change Proposal accordingly;



...

- (e) if no agreement is reached under clause 2.36A.2(c) within five Business Days of the first meeting, then System Management, acting reasonably, must, as soon as practicable, develop and draft a Procedure Change Proposal seeking an amendment to the ~~IMS Interface~~ Market Procedure that addresses the inadequacy and which is consistent with these Market Rules.

...

2.36A.5. System Management must document in ~~the~~ a Power System Operation Procedure the communications and control system requirements necessary to enable it to remotely monitor the performance of a Network described in these Market Rules. ~~System Management, Market Participants and Network Operators must comply with that documented Market Procedure in respect of communications and control system requirements.~~

...

2.37.8. Where any of the circumstances specified in the ~~relevant~~ Market Procedure specified in clause 2.43.1 for the purposes of this clause (which are circumstances that may result in an increase or decrease in a Market Participant's Credit Limit) have occurred or may ~~occur~~, occur:

- (a) the Market Participant must notify AEMO as soon as practicable if the circumstance may result in an increase in the Market Participant's Credit Limit; and
- (b) the Market Participant may notify AEMO if the circumstance may result in a decrease in the Market Participant's Credit Limit.

...

## **2.43. Prudential ~~Market Procedure~~ Requirements**

2.43.1. AEMO must develop a Market Procedure dealing with:

- (a) determining Credit Limits;
- (b) assessing persons against the Acceptable Credit Criteria;
- (c) Credit Support arrangements, including:
  - i. the form of acceptable guarantees and bank letters of credit;
  - ii. where and how it will hold cash deposits and how the costs and fees of holding cash deposits will be met;
  - iii. the application of monies drawn from Credit Support in respect of amounts owed by the relevant Market Participant to AEMO;
- (d) calculation of Trading Margins;
- (e) the list of factors to be taken into account for assessing the expected value of transactions;
- (f) issuing of Margin Calls; and



- (g) other matters relating to clauses 2.37 to 2.42,  
~~and Market Participants and AEMO must comply with that Market Procedure.~~
- ...
- 3.2.2. System Management must record Equipment Limit information in accordance with the Power System Operation Procedure specified in clause 3.2.7.
- ...
- 3.2.4. Network Operators, in consultation with System Management, must determine any Security Limit in accordance with the Power System Operation Procedure specified in clause 3.2.7, and System Management must record Security Limit information in accordance with ~~the~~ that Power System Operation Procedure.
- ...
- 3.2.6. System Management must establish and modify the Technical Envelope in accordance with clause 3.2.5 and the Power System Operation Procedure specified in clause 3.2.7.
- ...
- 3.2.8. System Management must ensure the SWIS operates in accordance with the Power System Operation Procedure specified in clause 3.2.7 and the Technical Envelope for the applicable SWIS Operating State.
- ...
- 3.3.3. System Management may include in the Power System Operation Procedure specified in clause 3.2.7 guidelines describing matters it will take into account in making a determination under clause 3.3.1.
- ...
- 3.4.9. System Management may include in the Power System Operation Procedure specified in clause 3.2.7 guidelines describing matters it will consider in making a determination under clause 3.4.1.
- ...
- 3.5.11. System Management may include in the Power System Operation Procedure specified in clause 3.2.7 guidelines describing matters it will consider in making determination under clause 3.5.1.
- ...
- 3.11.14. System Management must document in ~~the~~ a Power System Operation Procedure the procedure to be followed, ~~and must follow that documented Market Procedure,~~ when:
- (a) determining Ancillary Service Requirements; and
  - (b) entering into Ancillary Service Contracts, including the process for conducting competitive tender processes utilised for the awarding of Ancillary Service Contracts.

3.11.15\_ System Management must document in ~~the~~ a Power System Operation Procedure the procedure to be followed where the Market Rules require Ancillary Services to be provided. ~~System Management and Rule Participants must comply with that documented Market Procedure.~~

...

3.16.4. Unless otherwise directed by System Management, Rule Participants must provide the following data to System Management in respect of each week in the medium term planning horizon described in clause 3.16.2 by the time specified in the Power System Operation Procedure specified in clause 3.16.10:

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3.16.7. Rule Participants must provide the information System Management requests, and any other data they are aware of that might be relevant to a Medium Term PASA study, within the timeframe specified in the Power System Operation Procedure specified in clause 3.16.10.

...

3.16.8A. Rule Participants must provide any additional information or clarifications requested by System Management, within the time frame specified in the Power System Operation Procedure specified in clause 3.16.10.

...

3.16.10. System Management must document the procedure it follows in conducting Medium Term PASA studies in ~~the~~ a Power System Operation Procedure ~~and System Management must follow that documented Market Procedure when conducting a Medium Term PASA study.~~

...

3.17.10. System Management must document the procedure it follows in conducting Short Term PASA studies in ~~the~~ a Power System Operation Procedure ~~and System Management must follow that documented Market Procedure when conducting a Short Term PASA study.~~

...

3.18.3.

...

(c) Economic Regulation Authority may give a direction to System Management that a Facility or item of equipment should not remain on the list where it finds that:

- i. System Management has not followed the Market Rules or the Power System Operation Procedure specified in clause 3.18.21 in compiling the list under clause 3.18.2; and

- ii. if the Market Rules and the Power System Operation Procedure specified in clause 3.18.21 had been followed, then the Facility or item of equipment would not have been on the list.

...

...

3.18.15. Where System Management informs a Market Participant or Network Operator that an Outage Plan has not been scheduled or has been removed from System Management's outage schedule under clause 3.18.13(d)(ii), the Market Participant or Network Operator may apply to Economic Regulation Authority to reassess the decision in accordance with the following procedures:

- (a) A Participant or Network Operator can only apply for Economic Regulation Authority to reassess a decision on the grounds that System Management has not followed the Market Rules or ~~its~~ the Power System Operation Procedure specified in clause 3.18.21;

...

- (f) Economic Regulation Authority may give a direction to System Management that the Outage Plan should be scheduled in System Management's outage schedule where it finds that:
  - i. System Management has not followed the Market Rules or ~~its~~ the Power System Operation Procedure specified in clause 3.18.21; and
  - ii. if the Market Rules and the Power System Operation Procedure specified in clause 3.18.21 had been followed, then the Outage Plan would have been scheduled; and

...

...

3.18.21. System Management must document the procedure it follows in conducting outage planning in ~~the a Power System Operation Procedure and System Management, Market Participants and Network Operators must follow that documented Market Procedure when planning outages.~~

...

3.19.10. Where a Market Participant or Network Operator has reason to believe that System Management has not followed the Market Rules or the Power System Operation Procedure specified in clause 3.19.14 in its decision to reject an outage it may report the decision to the Economic Regulation Authority as a potential breach of the Market Rules in accordance with clause 2.13.4.

...

3.19.14. System Management must document the procedure it follows in conducting final approval of outages in ~~the a Power System Operation Procedure and System Management, Market Participants and Network Operators must follow that documented Market Procedure when conducting final approval of outages.~~

...

3.21.12. System Management must document the procedure to be followed in determining and reporting Forced Outages and Consequential Outages in ~~the a Power System Operation Procedure and System Management, Market Participants and Network Operators must follow that documented Market Procedure.~~

...

3.21A.15. System Management must document the procedure it follows in scheduling and approving Commissioning Tests in ~~the a Power System Operation Procedure and System Management and Market Participants must follow that documented Market Procedure when planning and conducting Commissioning Tests.~~

...

3.21B.5. System Management may only withhold the permission described in clause 3.21B.1 if:

- (a) the request for that permission is not in compliance with clause 3.21B.2 or the Power System Operation Procedure specified in clause 3.21B.8; or
- (b) granting permission would mean that System Management would be incapable of maintaining the Ready Reserve Standard.

...

3.21B.8. System Management must document the procedure it follows to grant permission in accordance with section 3.21B in ~~the a Power System Operation Procedure and System Management and Market Participants must follow that documented Market Procedure.~~

...

4.5.14. AEMO must document the procedure it follows in conducting the Long Term PASA, and which the Economic Regulation Authority must follow in conducting reviews under clause 4.5.15, in a Market Procedure. ~~The Economic Regulation Authority and Rule Participants, including AEMO, must follow that documented Market Procedure in the conduct of the Long Term PASA study and the review under clause 4.5.15, as applicable.~~

...

4.5.14B. AEMO must document in a Market Procedure the procedure it follows in ~~calculating~~ calculating:

- (a) the Expected DSM Dispatch Quantity; and
- (b) the DSM Activation Price,<sup>7</sup>

~~and Rule Participants, including AEMO, must follow that documented Market Procedure.~~

...

- 4.5.15. From time to time, and at least once in every five year period starting from Energy Market Commencement, the Economic Regulation Authority must conduct a review of the Planning Criterion and the process in the Market Procedure specified in clause 4.5.14 by which AEMO forecasts SWIS peak demand. This review must include:
- (a) a review of the technical analysis; and
  - (b) a cost-benefit study on the effects on stakeholders of a variety of levels of generation adequacy.

4.5.16. In conducting a review under clause 4.5.15, the Economic Regulation Authority must invite submissions in accordance with a the Market Procedure specified in clause 4.5.14 on the performance of the Planning Criterion and the process by which AEMO forecasts SWIS peak demand from Rule Participants and take any submissions into account in the review.

4.5.17. In accordance with a the Market Procedure specified in clause 4.5.14, the Economic Regulation Authority must make available a draft of the report described in clause 4.5.18 to Rule Participants for comment and invite submissions on the draft report.

...

4.9.10. AEMO must document in a Market Procedure the procedure that:

- (a) Market Participants must follow ~~in the process of~~ when applying for Certified Reserve Capacity; and
- (b) AEMO must follow ~~in~~ when processing applications for Certified Reserve Capacity, including how Certified Reserve Capacity is assigned and Reserve Capacity Obligation Quantities are set,

~~in a Market Procedure. in a Market Procedure. AEMO and Market Participants must follow that documented Market Procedure when Market Participants are applying for Certified Reserve Capacity and when AEMO is processing those applications.~~

...

4.13.8. AEMO must develop a Market Procedure dealing with:

- (a) determining Reserve Capacity Security;
- (b) assessing persons against the Acceptable Credit Criteria;
- (c) Reserve Capacity Security arrangements, including:
  - i. the form of acceptable guarantees and bank undertakings;
  - ii. where and how it will hold cash deposits and how the costs and fees of holding cash deposits will be met;
  - iii. the application of monies drawn from Reserve Capacity Security in respect of amounts payable by the relevant Market Participant to AEMO under clause 4.13.11A; and

(d) other matters relating to ~~clauses~~ section 4.13,  
and Market Participants and AEMO must comply with that Market Procedure.

...

4.14.11. AEMO must develop a Market Procedure documenting the process AEMO and Rule Participants must follow for the declaration under this ~~clause~~ section 4.14 and Reserve Capacity Auction. ~~AEMO and Rule Participants must comply with that documented Market Procedure.~~

...

4.17.9. AEMO must document the Reserve Capacity Auction submission and clearing process in a Market Procedure, ~~and AEMO and Market Participants must follow that documented Market Procedure.~~

...

4.24.18. AEMO must document in a Market Procedure the procedures it follows in:

- (a) acquiring Eligible Services;
- (b) entering into Supplementary Capacity Contracts; and
- (c) determining the maximum contract value per hour of availability for any Supplementary Capacity Contract,

~~in a Market Procedure, and must follow that documented Market Procedure.~~

...

4.25.14. AEMO must document the procedure to be followed in performing Reserve Capacity Tests in a Market Procedure, ~~and AEMO and Market Participants must follow that documented Market Procedure in the performance of Reserve Capacity Tests.~~

...

4.25A.1. In each Capacity Year each Market Customer must undertake a Verification Test during the period specified in clause 4.10.1(f)(vi) for each Demand Side Programme registered to the Market Customer. Each test must be conducted in accordance with ~~a~~ the Market Procedure specified in clause 4.25.14 and be carried out:

- (a) within 20 Business Days of registration, as notified by AEMO under clause 2.31.6, of the Demand Side Programme, if applicable; or
- (b) between 1 October and 30 November.

...

4.27.12. AEMO must document the procedure to be followed in performing Reserve Capacity monitoring in a Market Procedure, ~~and AEMO and Market Participants must follow that documented Market Procedure in the performance of Reserve Capacity monitoring.~~ Amongst other things, the Market Procedure must list the documents and other items that may be required by AEMO as supporting evidence in accordance with clause 4.27.11D.

...

4.28A.3. AEMO must document the procedure AEMO must follow in calculating Intermittent Load Refunds in a Market Procedure, ~~and AEMO must follow that documented Market Procedure when calculating Intermittent Load Refunds.~~

...

4.28B.9. AEMO must document the process for applying for and approving Capacity Credits in accordance with this ~~clause~~ section 4.28B in a Market Procedure, ~~and AEMO and Market Participants must follow that documented Market Procedure.~~

...

4.28C.15. AEMO must document the process for applying for and approving Capacity Credits in accordance with this ~~clause~~ section 4.28C in a Market Procedure, ~~and AEMO and Market Participants must follow that documented Market Procedure.~~

...

6.17.6F. AEMO must document in a Market Procedure the procedure it follows in when making the adjustment referred to in clause 6.17.6E, ~~and Rule Participants, including AEMO, must follow the documented Market Procedure.~~

...

6.19.6. A Market Advisory must contain the following information:

...

(f) any actions Market Participants or Network Operators are required to take in response to the situation, including whether any ~~Contingency Market Procedure~~ specified in clause 6.19.10 is applicable; and

...

...

6.19.10. AEMO may create one or more ~~Contingency Market Procedures~~ to deal with contingencies, and:

(a) Market Participants must follow that documented Market Procedure after receiving a relevant Market Advisory; and

(b) AEMO must follow that documented Market Procedure after AEMO has issued a relevant Market Advisory.

...

7.2.5. Unless otherwise directed by System Management, each Market Generator must by 10 AM each day provide to System Management for each of its Intermittent Generators with capacity exceeding 10 MW its most current forecast of the MWh energy output of the Intermittent Generator for each Trading Interval between noon of the current Scheduling Day and the end of the corresponding Trading Day in a format and by a method specified in ~~the~~ a Power System Operation Procedure.

...



7.6.13. System Management must document in ~~the~~ a Power System Operation Procedure the procedure to be followed, ~~and must follow that documented Market Procedure,~~ when scheduling and issuing Operating Instructions to dispatch Registered Facilities covered by any Ancillary Service Contract in a form sufficient for audits and investigations under these Market Rules.

...

7.6A.7. Subject to clause 7.6A.8, System Management must document the procedures System Management and Synergy must follow to comply with this ~~clause~~ section 7.6A, including the process to follow in developing the confidential procedure described in clause 7.6A.8, in ~~the~~ a Power System Operation Procedure, ~~and System Management and Synergy must follow that documented Market Procedure.~~

7.6A.8. Any procedure created or data exchanged in accordance with this ~~clause~~ section 7.6A which is commercially sensitive information of Synergy must not be included in the Power System Operation Procedure specified in clause 7.6A.7. Instead, such information must be included in a confidential procedure developed by System Management in consultation with Synergy.

...

7.6A.10. AEMO may only decline to approve the confidential procedure, or an amendment to that procedure, if that document is inconsistent with the Market Rules or the market objectives or if it contains material which, in the reasonable view of AEMO, should be in the Power System Operation Procedure specified in clause 7.6A.7.

...

7.7.4A. When selecting Demand Side Programmes from the Non-Balancing Dispatch Merit Order, and subject to 7.6.1C and 7.6.1E, System Management must select them in accordance with ~~the~~ a Power System Operation Procedure. The selection process specified in the Power System Operation Procedure must:

- (a) only discriminate between Demand Side Programmes based on response time and availability;

...

...

7.7.5A. System Management must develop a Power System Operation Procedure specifying:

...

- (d) for the purposes of clause 7.13.1C(e) – one or more methods that may be used to estimate the decrease in the output (in MWh) of each of Synergy's Non-Scheduled Generators as a result of an instruction from System Management to deviate from the Dispatch Plan or change their commitment or output in accordance with clause 7.6A.3(a).

~~System Management and Market Participants must comply with the Power System Operation Procedure.~~

7.7.5B. The quantity to be used for the purposes of clauses 6.15.2(b)(i) and 7.13.1(eF) is System Management's estimate, determined in accordance with ~~the~~ a Power System Operation Procedure, of the maximum amount of sent out energy, in MWh, which each Non-Scheduled Generator, by Trading Interval, would have generated in the Trading Interval had a Dispatch Instruction not been issued.

...

7.7.6. Subject to clauses 7.7.7, 7.7.7A and 7.7.7B:

- (a) System Management must issue a Dispatch Instruction or an Operating Instruction by communicating it to the relevant Market Participant in accordance with ~~the~~ a Power System Operation Procedure. System Management must develop a Power System Operation Procedure which prescribes a communication method or methods which allow sufficient time for the Market Participant to confirm and to respond to that Dispatch Instruction; and
- (b) a Market Participant must:
  - i. confirm receipt of the Dispatch Instruction or Operating Instruction; and
  - ii. advise if it cannot comply or cannot fully comply with the Dispatch Instruction or Operating Instruction.

The advice and confirmation under this clause 7.7.6(b) must be made in the time and manner set out in the Power System Operation Procedure specified in clause 7.7.6(a).

...

7.9.19. System Management must document in ~~the~~ a Power System Operation Procedure ~~for Dispatch~~ the processes to be used:

- (a) for applications under clause 7.9.13;
- (b) by System Management in determining whether or not to grant an exemption under clause 7.9.14;
- (c) by System Management in determining whether or not to revoke an exemption under clause 7.9.17;
- (d) for notification of any exemptions granted or revoked by System Management; and
- (e) publishing and maintaining on System Management's website any information and details with respect to any exemptions.

...

7.10.4. System Management must monitor the behaviour of Market Participants with Registered Facilities to assess whether they are complying with clause 7.10.1 in accordance with ~~its Monitoring and Reporting Protocol~~ the Market Procedure specified in clause 2.15.6A.

...

- 7.13.1. System Management must prepare the following data for a Trading Day by noon on the first Business Day following the day on which the Trading Day ends:
- ...
- (eD) by Trading Interval, the Load Rejection Reserve Response Quantity and the Spinning Reserve Response Quantity calculated in accordance with ~~the~~ a Power System Operation Procedure;
- ...
- ...
- 7.13.3. System Management must document in ~~the~~ a Power System Operation Procedure the procedure to be followed by Rule Participants in providing settlement and monitoring data to AEMO. ~~Rule Participants must comply with that documented Market Procedure.~~
- ...
- 7A.1.6. AEMO must ~~develop a Balancing Facility Requirements~~ specify the following matters in a Market Procedure ~~specifying:~~
- (a) the technical and communication criteria that a Balancing Facility, (or a type of Balancing Facility), must meet, including:
- i. Facility quantity parameters and limits for participation in the Balancing Market;
  - ii. the manner and forms of communication to be used while participating in the Balancing Market, including when receiving Dispatch Instructions; and
- ...
- ...
- ...
- 7A.3.1. AEMO must, to the extent that it is reasonably able, as soon as practicable during the first 15 minutes of each Trading Interval, for each future Trading Interval in the Balancing Horizon:
- ...
- (d) if AEMO has sufficient information available to it, determine the Balancing Forecast in accordance with the ~~Balancing Forecast~~ Market Procedure specified in clause 7A.3.3 and publish it on the Market Web Site.
- 7A.3.2. AEMO must determine a Forecast BMO for a Trading Interval for the purposes of clause 7A.3.1(a) by:
- ...
- (c) where there is a tie in the ranking of Balancing Facilities under clause 7A.3.2(b), breaking the tie in accordance with the ~~Balancing Forecast~~ Market Procedure specified in clause 7A.3.3; and
- ...
- 7A.3.3. AEMO must document in ~~the Balancing Forecast~~ a Market Procedure the processes it must follow when:
- (a) determining Forecast BMOs and providing them to System Management;

- (b) preparing and publishing Balancing Forecasts; and
  - (c) assigning priority to Facilities in the case where there is a tie in a Forecast BMO or Forecast LFAS Merit Order.
- 7A.3.4. AEMO must develop the ~~Balancing Forecast Market Procedure~~ specified in clause 7A.3.3 in accordance with the following principles:
- (a) to the extent reasonably practicable, Balancing Forecasts must use the latest information available to AEMO; and
  - (b) Balancing Forecasts must provide Market Participants with information upon which to make an assessment regarding their Balancing Submissions and whether to update a Balancing Submission.
- ...
- 7A.3.7. System Management must, no later than two hours after the end of the Trading Day, prepare an estimate of:
- (a) the SOI Quantity and the EOI Quantity for each Balancing Facility; and
  - (b) the Relevant Dispatch Quantity,
- for each Trading Interval in the Trading Day, determined in accordance with ~~the~~ a Power System Operation Procedure.
- 7A.3.7A. System Management must make reasonable endeavours to prepare, no later than five minutes after the end of each Trading Interval, an estimate of:
- (a) the SOI Quantity and the EOI Quantity for each Balancing Facility; and
  - (b) the Relevant Dispatch Quantity,
- for that Trading Interval, determined in accordance with ~~the~~ a Power System Operation Procedure.
- ...
- 7A.3.15. System Management must, for each future Trading Interval in the Balancing Horizon, prepare a forecast of the Relevant Dispatch Quantity, and may prepare a forecast of the EOI Quantity for Non-Scheduled Generators, each determined in accordance with ~~the~~ a Power System Operation Procedure. -System Management must, each time it has new information on which to determine these quantities, update these forecasts, but is not required to do so more than once per Trading Interval.
- ...
- 7B.1.2. System Management must, in ~~the~~ a Power System Operation Procedure, specify any technical and communication criteria that an LFAS Facility, or a type of LFAS Facility, must meet, including:
- (a) Facility quantity parameters and limits in providing LFAS, including the Minimum LFAS Quantity;
  - (b) the manner and forms of communication to be used in providing LFAS, including how LFAS Facilities which are Non-Scheduled Generators, are to be activated; and

- (c) the nature and type of any enablement and quantity restrictions that will apply.

...

7B.1.4. System Management must, by 12:00 PM on the Scheduling Day, determine the Forecast Upwards LFAS Quantity and the Forecast Downwards LFAS Quantity for each Trading Interval in the next Trading Day in accordance with ~~the~~ a Power System Operation Procedure.

...

7B.3.2. AEMO must:

...

- (c) ~~in circumstances where~~ if there is a tie in the ranking of LFAS Facilities in the LFAS Merit Order under clauses 7B.3.2(a) or 7B.3.2(b) in an LFAS Merit Order, then AEMO must break the tie for the Trading Interval in which the tie occurred in accordance with the Balancing Forecast Market Procedure specified in clause 7A.3.3.

...

8.6.2. AEMO must document:

- (a) ~~the~~ format of Meter Data Submissions;
- (b) ~~[Blank]~~

in the Settlement a Market Procedure, and Metering Data Agents must comply with that documented Market Procedure when developing and submitting Meter Data Submissions.

...

## **9.2. Settlement Process Procedure**

9.2.1. AEMO must document the settlement process, including the application of taxes and interest, ~~in the a Settlement Market Procedure, and AEMO and Market Participants must follow that documented Market Procedure.~~

...

9.4.18. AEMO must develop a Market Procedure dealing with:

- (a) Capacity Credit Allocations; and
- (b) other matters relating to sections 9.4, and 9.5.

...

9.20.1. A Notice of Disagreement must be submitted to AEMO in accordance with the Settlement Market Procedure specified in clause 9.2.1.

...

10.2.7. AEMO must document ~~the~~ in a Market Procedure the process it follows in setting and publishing the confidentiality status of information ~~in clause section~~ section 10.2. ~~AEMO must comply with that documented Market Procedure.~~

...

# 11. Glossary

...

~~**Administration Procedure:** The Market Procedure developed by the Rule Change Panel in accordance with clause 2.9.5.~~

...

~~**Balancing Forecast:** Means, with respect to a Trading Interval, AEMO's a-forecast of each of the following matters, (as determined by AEMO in accordance with the Balancing Forecast Market Procedure specified in clause 7A.3.3); for a Trading Interval, of the following—~~

- (a) the Relevant Dispatch Quantity for the Trading Interval;
- (b) the aggregate output of all Non-Scheduled Generators which are Balancing Facilities for the Trading Interval;
- (c) the Balancing Price for the Trading Interval; and
- (d) the spare capacity for the Trading Interval.

~~**Balancing Forecast Market Procedure:** Means the Market Procedure developed under clauses 7A.3.3 and 7A.3.4.~~

...

~~**Equivalent Planned Outage Hours:** Means, in respect of a Facility, the sum of the “Planned Outage Hours” and the “Equivalent Planned Derated Hours” for the Facility as calculated in accordance with the Power System Operation Procedure specified in clause 3.21.12.~~

...

~~**IMS Interface Market Procedure:** Means the Market Procedure developed under clause 2.36A.1.~~

...

~~**Monitoring and Reporting Protocol:** The Market Procedure developed by AEMO and approved by the Economic Regulation Authority in accordance with clause 2.15.6A.~~

~~**Monitoring Protocol:** The Market Procedure maintained by the Economic Regulation Authority in accordance with clause 2.15.1.~~

...

## Appendix 9: Relevant Level Determination

...

Step 4: For each Candidate Facility and Trading Interval identified in step 3(a):

- (a) identify the actual quantity as determined in step 2 if:
  - i. System Management has made a revised estimate of the maximum quantity in accordance with clause 7.7.5A(c) and the Power System Operation Procedure specified in clause 7.7.5A; and

- ii. the revised estimate of the maximum quantity is lower than the actual quantity as determined in step 2;

...

...