

Final Rule Change Report:  
Correction of Gazettal Errors (RC\_2017\_10)  
Fast Track Rule Change Process  
13 February 2018



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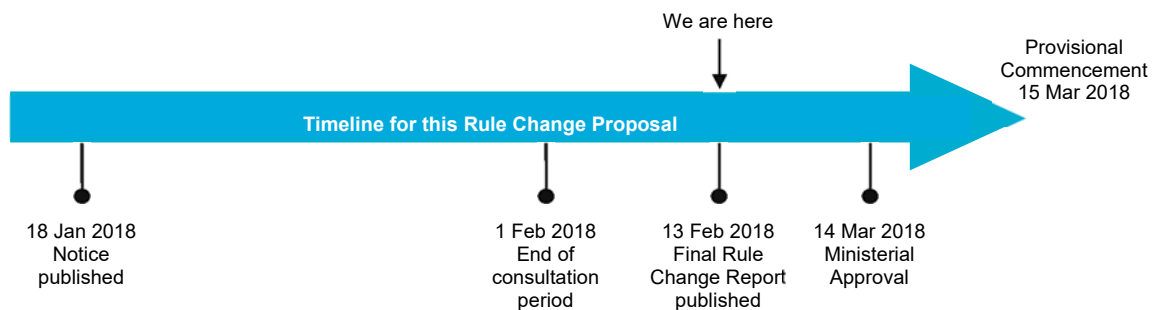
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## 1. Rule Change Proposal and Timeline

On 18 January 2018, the Rule Change Panel submitted a Rule Change Proposal titled “Correction of Gazettal Errors” (**RC\_2017\_10**).

This proposal is being processed using the Fast Track Rule Change Process, described in section 2.6 of the Wholesale Electricity Market Rules (**Market Rules**).

The timeline for progressing this proposal is:



The Rule Change Panel’s final decision is to accept the Rule Change Proposal as modified following the consultation period. The detailed reasons for the Rule Change Panel’s decision are set out in section 5 of this report.

All documents related to this Rule Change Proposal can be found on the Rule Change Panel’s website: [Rule Change: RC\\_2017\\_10 - Economic Regulation Authority Western Australia](#).

## 2. Proposed Amendments

### 2.1 The Rule Change Proposal

On 18 January 2018, the Rule Change Panel submitted a Rule Change Proposal to reinstate the Minister’s intended amendments to the Market Rules and to address various manifest, minor and typographical errors arising from several oversights in the drafting of eight Western Australian Government Gazettes (**Gazettes**) over the period from 25 November 2015 to 30 June 2017.

### 2.2 The Rule Change Panel’s Initial Assessment of the Proposal

The Rule Change Panel decided to progress the Rule Change Proposal on the basis that its preliminary assessment indicated that the proposal is consistent with the Wholesale Market Objectives.

The Rule Change Panel decided to progress the Rule Change Proposal using the Fast Track Rule Change Process, described in section 2.6 of the Market Rules, on the grounds that the proposed changes are required to correct manifest errors or are of minor or procedural nature, so the proposal satisfies the criteria in clauses 2.5.9(a) and 2.5.9(b) of the Market Rules.

- 2.5.9. *The Rule Change Panel may subject a Rule Change Proposal to the Fast Track Rule Change Process if, in its opinion, the Rule Change Proposal:*
- (a) *is of a minor or procedural nature; or*
  - (b) *is required to correct a manifest error; or*
  - (c) *is urgently required and is essential for the safe, effective and reliable operation of the market or the SWIS.*

### **3. Consultation**

#### **3.1 General**

The Rule Change Notice for this proposal was published on 18 January 2018. The following day, stakeholders were advised of the publication of the Rule Change Notice and Proposal.

#### **3.2 The Market Advisory Committee**

The Rule Change Proposal was discussed by the Market Advisory Committee (**MAC**) at the 13 December 2017 meeting. A summary of the discussion by the MAC is provided below, and further details are available in the MAC meeting minutes available on the Rule Change Panel's website at [Market Advisory Committee Meetings - Economic Regulation Authority Western Australia](#).

##### ***13 December 2017 MAC meeting***

Mr Stephen Eliot gave an overview of the Rule Change Panel's Pre-Rule Change Proposal which was circulated in the papers for the meeting. The Australian Energy Market Operator (**AEMO**) proposed removing two proposed changes in clause 2.24.2 because the current drafting in that clause was still correct and valid.

The MAC supported the progression of the Rule Change Proposal under the Fast Track Rule Change Process.

#### **3.3 Submissions Received During the Consultation Period**

The consultation period for this Rule Change Proposal was held between 18 January 2018 and 1 February 2018. One submission was received from AEMO.

In its submission, AEMO raised that the proposed drafting does not specify that AEMO has to consider its own budget when setting the Market Fee rate. AEMO suggested alternative drafting for the clause 2.24.2.

Despite the issue raised, AEMO considered that the proposal is consistent with Wholesale Market Objectives as it will improve the integrity of the Market Rules.

AEMO's submission is available in full on the Rule Change Panel's website.

### **3.4 The Rule Change Panel's Response to Submissions Received during the Consultation Period**

AEMO noted that:

- clause 2.24.2 requires AEMO to consider the IMO's approved budget and information provided by the Economic Regulation Authority, but not AEMO's own budget, when determining and publishing the Market Fee rate, System Management Fee rate, and Regulator Fee rate, if the Minister has approved the IMO's budget proposal; and
- clause 2.24.2(a) requires AEMO to consider the most recent approved budget (but it is not clear whose most recent approved budget) and AEMO's own budget when setting the Market Fee rate, if the Minister has not approved the IMO's budget proposal.

AEMO considers the omission of considering AEMO's budget in clause 2.24.2 to be a manifest error.

The Rule Change Panel agrees that the proposed drafting was unclear on the specific information or budget that AEMO should consider in determining and publishing the Market Fee rate, System Management Fee rate, and Regulator Fee rate; and therefore amended clauses 2.24.2 and 2.24.2(a) to clarify that:

- in determining and publishing the Market Fee rate, System Management Fee rate, and Regulator Fee rate, AEMO is to consider its own budget and the IMO's budget proposal, if the Minister has approved the IMO's budget proposal; and
- in determining and publishing the Market Fee rate, AEMO is to consider its own budget and the IMO's most recent approved budget, if the Minister has not approved the IMO's budget proposal.

### **3.5 Public Forums and Workshops**

No public forums or workshops were held in regard to this Rule Change Proposal.

## **4. The Rule Change Panel's Final Assessment**

In preparing its Final Rule Change Report, the Rule Change Panel must assess the Rule Change Proposal in light of clauses 2.4.2 and 2.4.3 of the Market Rules. Clause 2.4.2 states that the Rule Change Panel "must not make Amending Rules unless it is satisfied that the Market Rules, as proposed to be amended or replaced, are consistent with the Wholesale Market Objectives".

Additionally, clause 2.4.3 states that, when deciding whether to make Amending Rules, the Rule Change Panel must have regard to the following:

- any applicable statement of policy principles the Minister has issued to the Rule Change Panel under clause 2.5.2 of the Market Rules;
- the practicality and cost of implementing the proposal;
- the views expressed in submissions and by the MAC; and
- any technical studies that the Rule Change Panel considers necessary to assist in assessing the Rule Change Proposal.

When making its final decision, the Rule Change Panel has had regard to each of the matters identified in clauses 2.4.2 and 2.4.3 of the Market Rules as follows:

- The Rule Change Panel's assessment of the Rule Change Proposal against the Wholesale Market Objectives is available in section 4.2 of this report.
- The Rule Change Panel notes that there has not been any applicable statement of policy principles from the Minister in respect of this Rule Change Proposal.
- The Rule Change Panel's assessment of the practicality and cost of implementing the Rule Change Proposal is available in section 4.3 of this report.
- A summary of the views expressed in submissions is available in section 3 of this report. The MAC also discussed the Rule Change Proposal.
- The Rule Change Panel has not commissioned a technical study in respect of this Rule Change Proposal.

The Rule Change Panel's assessment is presented in the following sections.

#### **4.1 Additional Amendments to the Amending Rules**

Following the consultation period, the Rule Change Panel made some additional changes to the proposed Amending Rules.

The Rule Change Panel amended clause 2.24.2 to address the issue raised by AEMO, and further amended clause 2.24.2(a) to clarify that AEMO will determine and publish the level of Market Fee rate and System Management Fee rate in accordance to both the AEMO's budget published under clause 2.2A.4 and the IMO's most recent approved budget.

The Rule Change Panel also further amended clauses 2.11.2, 4.26.1 and 7.6.1D to make minor drafting and punctuation improvements.

The additional changes to the proposed Amending Rules presented in the Rule Change Proposal are detailed in Appendix A of this report.

#### **4.2 Wholesale Market Objectives**

The Rule Change Panel considers that the proposed amendments, as modified after the consultation period, will correct manifest, minor and typographical errors and increase the integrity, consistency and readability of the Market Rules; and are consistent with the Wholesale Market Objectives.

#### **4.3 Practicality and Cost of Implementation**

##### **4.3.1 Cost**

The Rule Change Panel has not identified any additional costs arising from the implementation of the proposed amendments, including the modifications made after the consultation period.

The proposed amendments will not result in any additional costs for Market Participants.

### 4.3.2 Practicality

The Rule Change Panel has not identified any issues with the practicality of implementing the proposed changes.

## 5. The Rule Change Panel's Decision

The Rule Change Panel's final decision is to accept the Rule Change Proposal as modified following the consultation period.

### 5.1 Reason for the Rule Change Panel's Decision

The Rule Change Panel has made its decision on the basis that the Amending Rules:

- correct manifest, minor and typographical errors in the Market Rules;
- increase the integrity, consistency and readability of the Market Rules;
- are consistent with the Wholesale Market Objectives;
- are generally supported by the one submission received; and
- create no cost or practicality issues.

Additional detail outlining the analysis behind the Rule Change Panel's decision is outlined in section 4 of this report.

## 6. Amending Rules

### 6.1 Commencement

The amendments to the Market Rules resulting from this Rule Change Proposal will commence at 8:00 AM on 15 March 2018, pending Ministerial approval of the protected provisions.

### 6.2 Amending Rules

The Rule Change Panel has determined to implement the following Amending Rules (~~deleted text~~, added text):

- 2.11.1. A Rule Participant may apply to the Electricity Review Board for a Procedural Review of a decision by the IMO, Rule Change Panel, AEMO, or 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 IMO, Rule Change Panel, AEMO, or System Management or the Economic Regulation Authority, as applicable, has not followed the process set out in section clause 2.10 or the Administration Procedure.
- 2.13.6D. System Management may determine the Tolerance Range to apply to all Facilities for the purposes of System Management's reporting of alleged breaches of clause 7.10.1 and section clause 3.21 to AEMO the Economic Regulation Authority under



clause 2.13.6A. When determining the appropriate Tolerance Range to apply for all Market Participants, System Management must:

- (a) consult with Rule Participants prior to setting the Tolerance Range; and
- (b) publish on the Market Web Site at least 14 Business Days prior to the date from which change to the Tolerance Range becomes effective, the following:
  - i. all submissions received from Rule Participants;
  - ii. the Tolerance Range; and
  - iii. an effective date for the commencement of the Tolerance Range.

4.26.1. If a Market Participant holding Capacity Credits associated with a Facility fails to comply with its Reserve Capacity Obligations applicable to any given Trading Interval then the Market Participant must pay a refund to AEMO calculated in accordance with the following provisions.

- (a) The Trading Interval Refund Rate for a Facility  $f$  in the Trading Interval  $t$  is determined as ~~follows: follows—~~

$$\text{Trading Interval Refund Rate}(f,t) = \text{RF}(f,t) \times Y$$

~~where: where—~~

- i. Trading Interval Refund Rate  $(f,t)$  is the Trading Interval Refund Rate for a Facility  $f$  in the Trading Interval  $t$ ;
- ii.  $\text{RF}(f,t)$  is the refund factor for a Facility  $f$  in the Trading Interval  $t$  and is calculated in accordance with clause 4.26.1(c); and

...

...

- (c) The refund factor  $\text{RF}(f,t)$  for a Facility  $f$  in the Trading Interval  $t$  is the lesser of: ~~of: of—~~

- i. six; and
- ii. the greater of the dynamic refund factor  $\text{RF dynamic}(t)$  as determined under clause 4.26.1(d) and the minimum refund factor  $\text{RF floor}(f,t)$  as determined under clauses 4.26.1(f) or 4.26.1(g) as appropriate.

- (d) The dynamic refund factor  $\text{RF dynamic}(t)$  in the Trading Interval  $t$  is determined as ~~follows: follows—~~

$$\text{RF dynamic}(t) = 11.75 - \left( \frac{5.75}{750} \right) \times \sum_{f \in F} \text{Spare}(f,t)$$

~~where: where—~~

- i.  $F$  is the set of Facilities for which Market Participants hold Capacity Credits in the Trading Interval  $t$  and  $f$  is a Facility within that set; ~~and~~
- ii.  $\text{Spare}(f,t)$  is the available capacity related to the Capacity Credits of the Facility  $f$ , which is not dispatched in the Trading Interval  $t$  determined in accordance with clause ~~4.26.1(e).4.26.1(e)—~~

...

- (g) RF floor(f,t) is equal to one in the Trading Interval t for a Facility f to which any of the following ~~applies:applies~~—

...

4.26.1B. AEMO must calculate the Generation Reserve Capacity Deficit Refund for each Market Participant for each Trading ~~Interval~~Month as the sum of the Facility Reserve Capacity Deficit Refunds for the Trading ~~Interval~~Month for each Facility registered to the relevant Market Participant, excluding any registered Demand Side Programmes.

4.26.5. To support the calculation of the values of RCOQ(p,d,t) and RCOQ(f,d,t) required by clause 4.26.2:

- (a) AEMO must record the following temperature data for generation systems (other than Intermittent Generators) in respect of which Market Participants hold Capacity Credits and which, in accordance with clause 4.10.1(e)(iv), indicated a valid method for measuring ambient temperature:
- i. the publicly available maximum daily temperature associated with a Facility for which temperature is defined in accordance with clause 4.10.1(e)(iv)(1); and
  - ii. temperatures measured by the SCADA system for Facilities for which temperature is defined in accordance with clause 4.10.1(e)(iv)(2).
- (b) [Blank]

6.16B.1. The Portfolio Upwards Out of Merit Generation in a Trading Interval for the Balancing Portfolio equals:

- (a) subject to clause 6.16B.1(b), the sum of any Sent Out Metered Schedules for Facilities in the Balancing Portfolio less the Maximum Theoretical Energy Schedule for the Balancing Portfolio; or
- (b) zero if:
- i. the Economic Regulation Authority has notified AEMO under clause 7.10.8 that Synergy has not adequately or appropriately complied with a Dispatch Order in respect of the Balancing Portfolio; or
  - ii. the sum of any Sent Out Metered Schedules for Facilities in the Balancing Portfolio less the Maximum Theoretical Energy Schedule for the Balancing Portfolio is less than the sum of:

...

6.16B.2. The Portfolio Downwards Out of Merit Generation in a Trading Interval for the Balancing Portfolio equals:

- (a) subject to clause 6.16B.2(b), the Minimum Theoretical Energy Schedule less the sum of any Sent Out Metered Schedules for Facilities in the Balancing Portfolio; or
- (b) zero if:
  - i. the Economic Regulation Authority has notified AEMO under clause 7.10.8 that Synergy has not adequately or appropriately complied with a Dispatch Order; or
  - ii. the Minimum Theoretical Energy Schedule of the Balancing Portfolio less the sum of any Sent Out Metered Schedules for Facilities in the Balancing Portfolio is less than the sum of:

...

7.7.2. Each Dispatch Instruction ~~issued to a Non-Balancing Facility or to a Balancing Facility Out of Merit~~ under clause 7.6.1C(c) or 7.6.1C(e) must:

- (a) be consistent with the latest data described in clause 7.1.1 available to System Management at the time the Dispatch Instruction is determined;
- (b) be applicable to a specific Registered Facility; and
- (c) be issued at a time that takes into account the Standing Data minimum response time for the Registered Facility.

7.10.8. Where AEMO (in its capacity as System Management) prepares a report under clause 7.10.7, AEMO must promptly provide that report to the Economic Regulation Authority. Where the Economic Regulation Authority receives such a report, if the Economic Regulation Authority determines that (as applicable):~~(as applicable)~~—

- (a) the relevant Market Participant has not adequately or appropriately complied with a Dispatch Instruction; or
- (b) Synergy has not adequately or appropriately complied with a Dispatch Order, then

the Economic Regulation Authority must promptly notify AEMO.

7.11.3. Dispatch Advisories must be released as soon as practicable after System Management becomes aware of a situation requiring the release of a Dispatch Advisory and System Management must update the Dispatch Advisory as soon as possible after new, relevant information becomes available to it.

10.2.2. The classes of confidentiality status are:

...

- (c) Rule Participant Market Restricted, in which case the relevant information or documents may only be made available to:
  - i. a specific Rule Participant;

- ii. the IMO;
  - iiA. AEMO (including in its capacity as System Management);
  - iiB. [Blank]~~[blank]~~;
  - ...
  - v. other Regulatory or Government Agencies in accordance with applicable laws;
- (d) Rule Participant Dispatch Restricted, in which case the relevant information or documents may only be made available ~~to: to—~~
- i. a specific Rule Participant;
  - ii. [Blank]~~[blank]~~;
  - ...
  - vi. other Regulatory or Government Agencies in accordance with applicable laws;
- (e) System Management Confidential, in which case the relevant information or documents may only be made available to:
- ...
  - v. other Regulatory or Government Agencies in accordance with applicable laws;
- (f) IMO and AEMO Confidential, in which case the relevant information or documents may only be made available to:
- i. the IMO;
  - ii. the Electricity Review Board;
  - iiA. AEMO (including in its capacity as System Management);
  - iiB. the Rule Change Panel;
  - iii. the Economic Regulation Authority; and
  - iv. other Regulatory or Government Agencies in accordance with applicable laws; and
- (g) Rule Participant Network Restricted, in which case the relevant information or documents may only be made available to:
- ...
  - vii. any other Regulatory or Government Agencies in accordance with applicable laws.

10.3.2. Subject to clause 10.4.2, the IMO, the Rule Change Panel, AEMO or the Economic Regulation Authority must not require a fee for information or documents released by the IMO, the Rule Change Panel, AEMO or the Economic Regulation Authority via the Market Web Site.

10.5.1. AEMO must set the class of confidentiality status for the following information under clause 10.2.1<sup>7</sup>; as Public and AEMO must make each item of information

available from or via the Market Web Site after that item of information becomes available to ~~AEMO:AEMO~~

- (a) the following Market Rule and Market Procedure information and ~~documents:documents~~
  - ...
  - vii. information on any changes to any Market Procedures that have been made in accordance with the Procedure Change Process but are yet to commence or to be included in the current version of the applicable Market Procedure, including the date those Market Procedure changes will take ~~effect~~effect;
  - ...
- ...
- (c) details of all Rule Participants ~~including:including~~
  - ...
- ...
- (e) details of bid, offer and clearing price limits as approved by the Economic Regulation Authority ~~including:including~~
  - ...
  - iii. the Alternative Maximum STEM Price<sub>;</sub>
  - ...
- (f) the following Reserve Capacity information (~~if applicable~~):(~~if applicable~~)
  - ...
  - iiiA. for each Market Participant that was assigned Certified Reserve Capacity, the level of Certified Reserve Capacity assigned to each ~~to~~-Facility for each Reserve Capacity Cycle;
  - ...
  - vi. for each Special Price Arrangement for each Registered ~~Facility:Facility~~
  - ...
  - viii. reports summarising the outcomes of Reserve Capacity Tests and reasons for delays in those tests, as required by clause 4.25.11; ~~and~~
  - ix. the following annually calculated and monthly adjusted ~~ratios:ratios~~
    - 1. NTDL\_Ratio as calculated in accordance with Appendix 5, ~~STEP~~Step 8;
    - 2. TDL\_Ratio as calculated in accordance with Appendix 5, ~~STEP~~Step 8; and
    - 3. Total\_Ratio as calculated in accordance with Appendix 5, ~~STEP~~Step 10; ~~and~~

- x. the following information identified for a Reserve Capacity Cycle under the Relevant Level ~~Methodology~~:  
  - 1. the Existing Facility Load for Scheduled Generation for each Trading Interval in the five year period determined under ~~Step 1(a) of Appendix 9 the Relevant Level Methodology~~; and
  - 2. the 12 Trading Intervals occurring on separate Trading Days with the highest Existing Facility Load for Scheduled Generation for each 12 month period in the five year period; and
- xi. for a Facility that has had its Capacity Credits cancelled for the Capacity Year, the information specified in clause 4.20.12(a), 4.20.12(c) and 4.20.12(d);
- (g) the Ancillary Service report referred to in clause 3.11.11;
- (h) for each Trading Interval in each completed Trading Day in the previous 12 calendar ~~months~~:  
  - ...
- (i) the following STEM summary ~~information~~:  
  - i. for each Trading Interval in each completed Trading Day in the previous 12 calendar ~~months~~:  
    - ...
  - ii. for each Trading Interval in each Trading Day during the 12 calendar months, before the end of the seventh day from the start of the Trading ~~Day~~:  
    - ...
- (iA) the following Balancing summary ~~information~~:  
  - i. for each Trading Interval in each completed Trading Day in the previous 12 calendar ~~months~~:  
    - ...
  - ii. for each Trading Interval in each completed Trading Day in the previous 12 calendar months, before the end of the seventh day from the start of the Trading ~~Day~~:  
    - ...
- (iB) the following LFAS summary information for each Trading Interval in each completed Trading Day in the previous 12 calendar ~~months~~:  
  - ...
- ...
- (j) for each Trading Interval in each completed Trading Day in the previous 12 calendar months the following dispatch summary ~~information~~:  
  - ...

- ...
- (l) Loss Factors for each network connection point in accordance with section clause 2.27;
- (p) details of resolved Disputes, including all Public Information associated with the dispute, but not aspects of the resolution or information associated with the resolution which, in accordance with its confidentiality status class, cannot be made public;
- ...
- (r) Public Reports pertaining to the Wholesale Electricity Market issued by;
- ...
- (v) summary information pertaining to the account maintained by AEMO for market settlement for the preceding 24 calendar months, including;
- ...
- iv. Service Fee Settlement Amount paid to AEMO, ~~the IMO~~ and the Economic Regulation Authority;
- ...
- (w) the STEM Price for each Trading Interval of the current Trading Month for which STEM auction results have been released to Market Participants;
- ...
- (y) as soon as practicable after a Trading Interval; ~~Interval~~;
- ...
- (z) as soon as practicable after real-time; ~~real-time~~;
- i. the total generation; and
- ii. the total Spinning Reserve;
- where these values are not required to be maintained on the Market Web Site after their initial publication;
- (zA) the current Tolerance Range determined by System Management in accordance with clause 2.13.6D; ~~and~~
- (zB) any Facility Tolerance Ranges determined by System Management in accordance with clause 2.13.6E, and, if applicable, any Facility Tolerance Ranges which System Management has varied in accordance with clause 2.13.6H;
- ...
- (zD) [Blank];
- ...

- (zG) documentation of the functionality ~~of~~—
  - i. any software used to run the Reserve Capacity Auction;
  - ii. the STEM Auction software; and
  - iii. the Settlement System software; ~~and~~
- (zH) information relating to Commissioning Tests; ~~and~~
- ...



## Appendix A. Further Amendments to the Proposed Amending Rules

The Rule Change Panel made some amendments to the proposed Amending Rules following the consultation period. These changes are as follows (~~deleted text~~, added text):

- 2.11.2. Following an application for a Procedural Review under clause 2.11.1, if the Electricity Review Board finds that the IMO, Rule Change Panel, AEMO, System Management or the Economic Regulation Authority has not followed the process set out in ~~section~~clause 2.10 or the Administration Procedure, the Electricity Review Board may set aside the IMO's decision, Rule Change Panel's decision, AEMO's decision, ~~or System Management's decision or Economic Regulation Authority's decision~~ and direct the IMO, Rule Change Panel, AEMO, System Management or the Economic Regulation Authority to reconsider the relevant Procedure Change Proposal in accordance with ~~section~~clause 2.10 and the Administration Procedure.
- 2.24.2. Before 30 June each year, ~~AEMO~~the IMO must determine and publish the level of the Market Fee rate, System Management Fee rate and Regulator Fee rate, and the level of each of the Application Fees, and the level of the Reassessment Fee to apply over the year starting 1 July in accordance with AEMO's budget published under clause 2.22A.4, the IMO's approved budget and information provided by the Economic Regulation Authority under clause 2.24.6 (if any). Where:
- (a) the Minister has not approved the IMO's budget proposal, AEMO will determine and publish the expected level of Market Fee rate ~~for AEMO~~ based on the IMO's most recent approved budget (and based on AEMO's own budget published under clause 2.22A.4); and
- ...
- 4.26.1. ...
- ...
- (b) For a Facility f in the Trading Interval t, Y is determined as ~~follows~~follows—
- i. for a Non-Scheduled Generator, Y equals zero if AEMO has determined that in Trading Interval t the Non-Scheduled Generator is in Commercial Operation under clause 4.13.10B and one of the following ~~applies~~applies—
- ...
- ii. for a Demand Side Programme, Y equals the DSM Reserve Capacity Price divided by 400; ~~and~~—
- iii. subject to ~~clauses~~ 4.26.1(b)(i) and 4.26.1(b)(ii), for a Facility f in the Trading Interval t, Y ~~equals~~equals—
- ...
- ...
- (e) For a Facility f in the Trading Interval t, Spare(f,t) is determined as ~~follows~~follows—

- i. for each Scheduled Generator, the greater of zero ~~and~~—
  - 1. the MW quantity of Capacity Credits; less
  - ...
- ii. for each Non-Scheduled Generator is ~~z~~Zero; and
- iii. for each Demand Side Programme f which has a Reserve Capacity Obligation Quantity in the Trading Interval t, Spare(f,t) is equal to: determined as follows—

$$\max\{0, \min\left(\text{RCOQ}(f,t), (\text{DSP Load}(f,t) - \text{DSP MinLoad}(f,t))\right)\}$$

$$\text{DSP A}(t) = \max\{0, \min\left(t, (\text{DSP Load}(t) - \text{DSP MinLoad}(t))\right)\}$$

where:where—

- 1. ~~DSP A(t) is the total available quantity of consumption which can be reduced via the dispatch of the Demand Side Programme in MW in the Trading Interval t;~~[Blank]
- 2. ~~RCOQ(f,t) is the Demand Side Programme's Reserve Capacity Obligation for the Demand Side Programme f in the Trading Interval t;~~
- 3. ~~DSP Load(f,t) is the Demand Side Programme's Demand Side Programme Load for the Demand Side Programme f in the Trading Interval t as determined under clause 6.16.2 multiplied by two so as to be a MW quantity; and~~
- 4. ~~DSP MinLoad(f,t) is the sum of the Minimum Consumption of each Associated Load of the Demand Side Programme f in MW in the Trading Interval t;~~

- (f) Subject to clause 4.26.1(g), the minimum refund factor RF floor(f,t) in the Trading Interval t is determined as follows:follows—

$$\text{RF floor}(f,t) = 1 - 0.75 \times \text{Dispatchable}(f,t)$$

where:where—

- i. Dispatchable(f,t) for a Facility f in the Trading Interval t is its portion of capacity which is not subject to a Forced Outage over the 4,320 previous Trading Intervals pt prior to and including the Trading Interval t and is determined as follows:follows—

$$\text{Dispatchable}(f,t) = 1 - \left( \frac{\sum_{pt \in \text{PT}} \text{FO}(f,-pt)}{\sum_{pt \in \text{PT}} \text{CC}(f,-pt)} \right)$$

where:where—

- 1. PT is the set of 4,320 Trading Intervals immediately prior to and including the Trading Interval t and pt is a Trading Interval within that set;
- 2. FO(f,pt) is the quantity of Forced Outage for a Facility f in the Trading Interval pt, as recorded in accordance with clause 7.13.1A(b); and

3.  $CC(f, -pt)$  is the number of Capacity Credits a Market Participant holds for Facility  $f$  in the Trading Interval  $pt$ ; and

...

7.6.1D. System Management may only issue Dispatch Instructions under:

...

(c) clause 7.6.1C(d) in priority to clause 7.6.1C(c); ~~and;~~

(cA) clause 7.6.1C(e) in priority to clause 7.6.1C(d);~~.~~

...