



INDEPENDENT  
MARKET  
OPERATOR

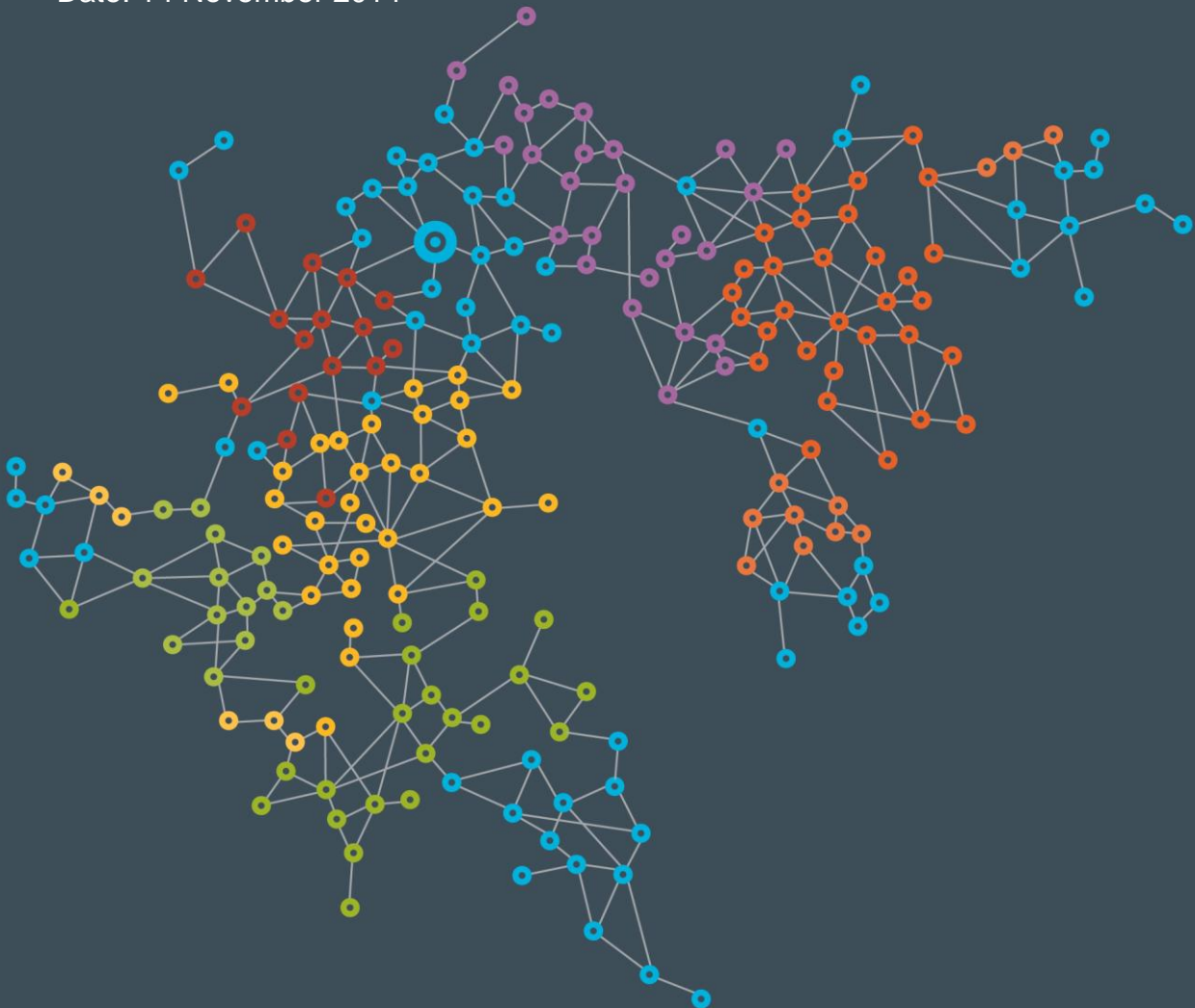
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# Final Rule Change Report Removal of Facility Aggregation

RC\_2014\_02  
Standard Rule Change Process

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Date: 14 November 2014



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## Executive summary

Section 2.30 of the Wholesale Electricity Market Rules (Market Rules) allows a Rule Participant or an applicant for rule participation to register multiple Facilities as an aggregated Facility. Since the start of the market, only one participant has ever exercised its right to register an aggregated Facility. However, the Market Participant disaggregated the Facilities soon after.

The IMO developed this Rule Change Proposal to remove the ability for Rule Participants or applicants for rule participation to apply to register multiple Facilities as an aggregated Facility. This is on the basis that aggregation is no longer advantageous (if it ever was) due to the ability to adjust a Facility's day-ahead position closer to real time in the Balancing Market and has ongoing costs associated with supporting the IMO systems that enable it.

Implementation of Facility aggregation capabilities in the Wholesale Electricity Market System (WEMS) is complex and has an impact on other IMO system components and processes. During implementation of system updates, components of WEMS need to be developed and tested to support simple and aggregated Facilities in various combinations to ensure functional cohesion for both aggregation and disaggregation. The cost of ongoing maintenance and system changes under a system that allows for aggregated Facilities could as much as double the cost and implementation time of some system changes due to the additional development and testing requirements.

The IMO therefore considered that, as no perceived benefits to Market Participants can be derived from these Market Rules, the continuation of Facility aggregation does not warrant the costs of ongoing system changes and maintenance.

The IMO also proposed to remove the functionality introduced in the Rule Change Proposal: Capacity Credits and Facility Aggregation (RC\_2008\_10)<sup>1</sup>, to allow Market Participants with aggregated Facilities to also aggregate Capacity Credits assigned to those Facilities (or reallocate Capacity Credits as a result of disaggregation), as it will become redundant.

### **Proposed amendments**

The IMO proposed to delete the clauses in section 2.30 of the Market Rules that relate to the ability for Rule Participants or applicants for rule participation to register multiple Facilities as aggregated Facilities. The IMO also proposed to amend clauses 2.30B.11, 2.33.3, 5.3A.1, Appendix 1 and Appendix 2 of the Market Rules that provide for scenarios where Facilities are aggregated and clause 2.17.1 of the Market Rules, to remove clauses 2.30.4 and 2.30.8 from the list of Reviewable Decisions.

In addition, the IMO proposed to delete clauses 4.23A.3 and 4.23A.4 of the Market Rules to remove the ability for Market Participants to aggregate Capacity Credits.

The IMO also proposed to correct the identified minor and typographical errors in the clauses of the Market Rules it proposed to change, in particular, the numbering in clause 2.30B.11 and punctuation in Appendix 1 of the Market Rules.

### **Consultation**

A pre Rule Change Proposal was presented to the Market Advisory Committee (MAC) at its 25 June 2014 meeting. At the meeting, the MAC members agreed that, given that the proposal

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<sup>1</sup> Further information is available at [http://www.imowa.com.au/RC\\_2008\\_10](http://www.imowa.com.au/RC_2008_10).

was purely administrative and not dependent on the outcomes of the Electricity Market Review, the proposal should be submitted into the formal rule change process. The IMO submitted the proposal into the Standard Rule Change Process and published the Rule Change Notice on 14 July 2014.

The first submission period was held between 15 July and 25 August 2014. Two submissions were received from Community Electricity and Perth Energy. Both submissions supported the proposed amendments on the grounds that they removed unnecessary costs in the market.

The second submission period was held between 23 September and 21 October 2014. No submissions were received during this period.

### ***Wholesale Market Objective assessment***

The IMO considers that this Rule Change Proposal better achieves Wholesale Market Objective (d) by removing the ongoing cost of system changes and maintenance of an unnecessary service to the market where there are no commensurate market benefits.

### ***Practicality and cost of implementation***

The IMO is expected to incur costs of approximately \$5,500 to modify WEMS to disable the Facility aggregation and disaggregation features. These costs can be accommodated within the IMO's existing budget. The IMO also expects potential cost-savings of \$15,000 annually as a result of not being required to test various functionality for aggregated or disaggregated Facilities. Overall, the IMO expects a net benefit of \$9,500 from the implementation of this Rule Change Proposal in the first year, followed by annual cost-savings of \$15,000 until the IMO replaces its IT system, which is expected to occur in 2017.

The IMO does not consider that Market Participants will incur any costs associated with this Rule Change Proposal or associated system changes. No issues relating to the practicality or cost of implementation have been raised in the consultation period on the Rule Change Proposal.

The IMO notes that the proposed Amending Rules remove two clauses that are Reviewable Decisions under clause 2.17.1(j) of the Market Rules. Clause 2.17.1(j) will therefore also need to be amended. As clause 2.17.1(j) is a Protected Provision, clause 2.8.3 of the Market Rules requires the Amending Rules in this Rule Change Proposal to be approved by the Minister. In addition, changes will be required to the *Electricity Industry (Wholesale Electricity Market) Regulations 2004* to remove the relevant clauses from the list of Reviewable Decisions.

The IMO also notes that the Market Procedure: Facility Registration, De-Registration and Transfer will require amendments to remove the processes related to Facility aggregation. The IMO is currently considering other changes to this Market Procedure and, as the changes relating to this Rule Change Proposal are not strictly necessary prior to the commencement of the proposed Amending Rules, the IMO proposes to delay the related Procedure Change Proposal to progress the two sets of changes under the same process.

### ***The IMO's decision***

The IMO's decision is to accept the Rule Change Proposal.

### ***Next steps***

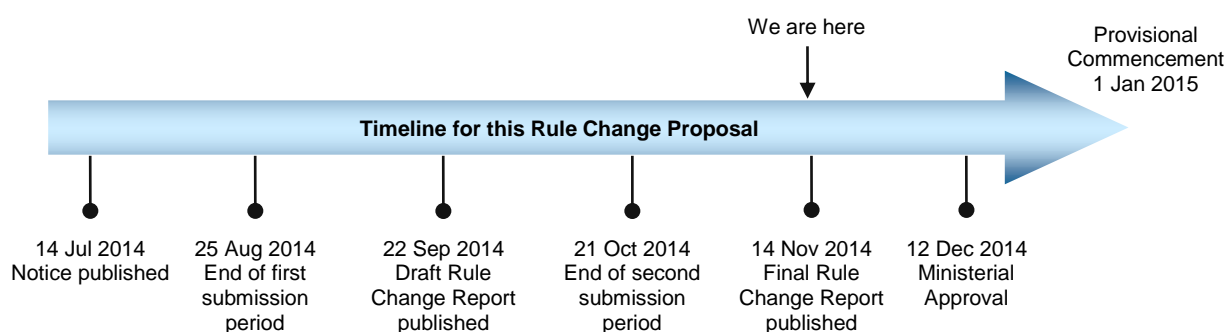
The Amending Rules are proposed to commence on **8:00 AM on 1 January 2015**, subject to Ministerial approval of the Amending Rules contained in this report.

## 1. Rule change process and timetable

On 14 July 2014, the IMO submitted a Rule Change Proposal proposing to remove clauses 2.30.1, 2.30.1A, 2.30.2, 2.30.3, 2.30.4, 2.30.5, 2.30.6, 2.30.7, 2.30.7A, 2.30.8, 2.30.9, 2.30.10, 2.30.11, 4.23A.3, 4.23A.4 and amend clauses 2.17.1, 2.30B.11, 2.33.3, 5.3A.1, Appendix 1 and Appendix 2 of the Wholesale Electricity Market (WEM) Rules (Market Rules).

This proposal is being processed using the Standard Rule Change Process, described in section 2.7 of the Market Rules.

The key dates in processing this Rule Change Proposal are:



The IMO published this Final Rule Change Report on 14 November 2014, two Business Days before the due date.

## 2. Proposed amendments

### 2.1. The Rule Change Proposal

Section 2.30 of the Market Rules allows a Rule Participant or an applicant for rule participation to apply to register multiple Facilities as an aggregated Facility. Since the start of the market, only one participant has ever exercised its right to register aggregated Facilities. However, the Market Participant disaggregated the Facilities soon after.

It is difficult to identify the original rationale for permitting Facility aggregation, other than to avoid the scenario (which has not arisen as an issue in practice) where individual turbines within a wind farm need to be separately registered.

Implementation of Facility aggregation capabilities in the Wholesale Electricity Market System (WEMS) registration system affects other system components including the Short Term Energy Market (STEM), Balancing, Load Following Ancillary Services (LFAS) and settlement. During implementation and subsequent system updates, individual components of WEMS need to be developed to support aggregated Facilities and tested for all possible scenarios of aggregation and disaggregation. The IMO noted that the cost of ongoing maintenance and verification under a system that allows for aggregated Facilities is not efficient if the functionality is not used. Further, some components are made considerably more complex by the need to support aggregated Facilities.

The IMO noted that in the absence of any successfully aggregated Facilities or clear rationale for enabling aggregation, it is difficult to recognise any advantages associated with the relevant Market Rules. Prior to the introduction of the Balancing Market, Market Participants may have perceived that benefits relating to bidding in STEM as an aggregated Facility may have provided operational flexibility. However, with the introduction of the Balancing Market, those benefits are

no longer advantageous (if it ever was) due to the ability for Market Participants to adjust a Facility's day-ahead position closer to real time in the Balancing Market.

The IMO therefore considered that as no perceived benefits to Market Participants could be derived from these Market Rules, the continuation of Facility aggregation does not warrant the high costs of ongoing system changes and maintenance.

The IMO noted that the functionality introduced in the Rule Change Proposal: Capacity Credits and Facility Aggregation (RC\_2008\_10)<sup>2</sup> to allow Market Participants with aggregated Facilities to also aggregate Capacity Credits assigned to those Facilities (or reallocate Capacity Credits as a result of disaggregation) will become redundant as a result of the proposed changes. Together with the one attempted Facility aggregation, that Market Participant also aggregated its Capacity Credits but disaggregated them soon after and these provisions have not been used again.

The IMO also proposed to correct the identified minor and typographical errors in the clauses of the Market Rules it proposed to change, in particular, the numbering in clause 2.30B.11 and punctuation in Appendix 1 of the Market Rules.

For full details of the Rule Change Proposal please refer to the Market Web Site: [http://www.imowa.com.au/RC\\_2014\\_02](http://www.imowa.com.au/RC_2014_02).

## **2.2. The IMO's initial assessment of the Rule Change Proposal**

The IMO decided to proceed with the proposal on the basis that section 4 of the Rule Change Proposal indicated that the proposed amendments would better achieve the Wholesale Market Objectives. The IMO therefore considered that Rule Participants should be given an opportunity to provide submissions on the proposal.

## **2.3. Protected Provisions, Reviewable Decisions and civil penalties**

The IMO notes that clauses 2.30.4 and 2.30.8 are listed as Reviewable Decisions in clause 2.17.1(j) of the Market Rules. Because clauses 2.30.4 and 2.30.8 are being deleted, clause 2.17.1(j) which is a Protected Provision will also need to be amended. As a result, clause 2.8.3 of the Market Rules requires the Amending Rules in this Rule Change Proposal to be approved by the Minister.

Consequential amendments to clause 1 of Schedule 2 of the *Electricity Industry (Wholesale Electricity Market) Regulations 2004* (Regulations) will also be required to remove the two clauses from the list of Reviewable Decisions. The IMO has engaged with the Public Utilities Office to progress these amendments.

# **3. Consultation**

## **3.1. The Market Advisory Committee**

The IMO presented a pre Rule Change Proposal to the Market Advisory Committee (MAC) at its 25 June 2014 meeting. The following points were raised:

- Mr Michael Zammit asked whether the proposal should be delayed until the Electricity Market Review has concluded. The Chair noted that since the proposal was purely

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<sup>2</sup> Further information is available at [http://www.imowa.com.au/RC\\_2008\\_10](http://www.imowa.com.au/RC_2008_10).

administrative and not dependent on the outcomes of the review, the IMO considered the proposal should be progressed.

- Mr Geoff Gaston queried which Market Participant had previously aggregated some of its Facilities. The Chair noted that it was Alinta Energy and that the Facilities had been disaggregated shortly after aggregation.
- Mr Shane Cremin queried whether changes would have to be made with respect to allocating Spinning Reserve Costs to aggregated Facilities. Ms Jacinda Papps responded that the IMO had proposed changes to Appendix 2 to address this. Ms Erin Stone confirmed this was the case.
- Mr Andrew Stevens noted that given the lack of benefits associated with Facility aggregation he did not see any reason to retain it.

MAC members agreed that the IMO should submit the Rule Change Proposal into the formal process and progress it using the Standard Rule Change Process. The IMO published the Rule Change Proposal and Notice on 14 July 2014.

Further details are available in the MAC meeting minutes available on the Market Web Site: <http://www.imowa.com.au/MAC>.

### **3.2. Submissions received during the first submission period**

The first submission period was held between 15 July and 25 August 2014. Submissions were received from Community Electricity and Perth Energy.

Both submitters supported the Rule Change Proposal noting that it would promote economic efficiency and reduce unnecessary costs in the market on the grounds that Facility aggregation is an obsolete provision and its removal would result in cost savings.

A copy of the submissions in full received during the first submission period is available on the Market Web Site: [http://www.imowa.com.au/RC\\_2014\\_02](http://www.imowa.com.au/RC_2014_02).

### **3.3. The IMO's response to submissions received during the first submission period**

Perth Energy questioned whether it would be beneficial to delay the Rule Change Proposal until the outcomes of the Electricity Market Review (Review) became known and requested for more information with respect to the costs of removing the functionality from the IMO's systems.

The IMO responded to this issue in the Draft Rule Change Report noting that this Rule Change Proposal was purely administrative in nature and therefore, the IMO did not consider there to be any benefit associated with delaying the removal of Facility aggregation. With regard to costs, the IMO noted that the cost of disabling the functionality from its systems was expected to be approximately \$7,000 and that there would be some minor administrative costs to facilitate the rule change and procedure change processes. The IMO also noted that it would continue to incur costs associated with maintaining this functionality in its systems until the proposed Amending Rules commence.

### **3.4. Submissions received during the second submission period**

Following publication of the Draft Rule Change Report on the Market Web Site, the second submission period was held between 23 September and 21 October 2014. No submissions were received during this period.

### 3.5. Public forums and workshops

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

## 4. The IMO's draft assessment

The IMO's draft assessment against clauses 2.4.2 and 2.4.3 of the Market Rules, and analysis of the Rule Change Proposal can be viewed in the Draft Rule Change Report available on the Market Web Site: [http://www.imowa.com.au/RC\\_2014\\_02](http://www.imowa.com.au/RC_2014_02).

## 5. The IMO's proposed decision

The IMO's proposed decision was to accept the Rule Change Proposal. The IMO did not propose any further amendments to the proposed Amending Rules.

The IMO made its proposed decision on the basis that the Amending Rules:

- better achieve Wholesale Market Objective (d);
- are consistent with the remaining Wholesale Market Objectives; and
- have the support of the MAC and the submissions received during the first submission period.

## 6. The IMO's final assessment

In preparing this Final Rule Change Report, the IMO 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 of the Market Rules outlines that the IMO *"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 of the Market Rules states, when deciding whether to make Amending Rules, the IMO must have regard to the following:

- any applicable policy direction from the Minister regarding the development of the market;
- the practicality and cost of implementing the proposal;
- the views expressed in submissions and by the MAC; and
- any technical studies that the IMO considers necessary to assist in assessing the Rule Change Proposal.

The IMO notes that there has not been any applicable policy direction from the Minister or any technical studies commissioned in respect of this Rule Change Proposal. A summary of the views expressed in submissions and by the MAC is available in section 3 of this Final Rule Change Report.

The IMO's assessment of the Rule Change Proposal is outlined in the following sub-sections.



## **6.1. Additional amendments to the proposed Amending Rules**

The IMO has not made any additional changes to the proposed Amending Rules presented in the Rule Change Proposal.

## **6.2. Wholesale Market Objective assessment**

The IMO considers that the Market Rules as a whole, if amended as presented in section 8, will not only be consistent with the Wholesale Market Objectives but will also allow the Market Rules to better achieve Wholesale Market Objective (d).

The IMO's assessment is presented below:

*(d) to minimise the long-term cost of electricity supplied to customers from the South West interconnected system*

The IMO considers that the proposed amendments will better achieve Wholesale Market Objective (d) by removing the ongoing cost of system changes and maintenance of an unnecessary service to the market where there are no commensurate benefits derived.

## **6.3. Practicality and cost of implementation**

### **6.3.1. Cost**

The IMO is expected to incur costs of around \$5,500 to disable the redundant functionality in its IT systems. The IMO is also expected to incur administrative costs associated with developing and progressing the Rule Change Proposal and the related Procedure Change Proposals. These costs can be accommodated within the IMO's existing budget.

The IMO expects to make annual savings in IT development and maintenance costs of approximately \$15,000. This is because at each WEMS release, these features will now not need to be tested and therefore will reduce combination testing of Facility related features such as registration. Additionally, the resources that would otherwise be used for the development and testing associated with ensuring continued functionality of Facility aggregation will be able to be reallocated to provide other services.

In summary, the IMO notes that disabling the functionality of Facility aggregation as proposed in the Amending Rules will result in a net benefit of \$9,500 in the first year followed by \$15,000 every year until the IMO replaces its IT systems, which is expected to occur in 2017.

No Rule Participants or other stakeholders have identified direct or indirect costs associated with the removal of Facility aggregation.

### **6.3.2. Practicality**

The IMO does not consider that there are any issues with the practicality of implementing the proposed changes. The IMO is able to accommodate the system and process changes to remove Facility aggregation as well as the required Market Procedure changes (noted in section 6.3.3 below) within its current resourcing.

As noted in section 2.3 of this Final Rule Change Report, the IMO notes that clauses 2.30.4 and 2.30.8 are listed as Reviewable Decisions in clause 2.17.1(j) of the Market Rules. Because clauses 2.30.4 and 2.30.8 are being deleted, clause 2.17.1(j) which is a Protected Provision will also need to be amended. As a result, clause 2.8.3 of the Market Rules requires the Amending Rules in this Rule Change Proposal to be approved by the Minister.

Consequential amendments to clause 1 of Schedule 2 of the *Electricity Industry (Wholesale Electricity Market) Regulations 2004* (Regulations) will also be required to remove the two clauses from the list of Reviewable Decisions. The IMO has engaged with the Public Utilities Office to progress these amendments.

No Rule Participants have raised issues relating to the practicality of implementation of the proposed amendments during consultation on this Rule Change Proposal.

### **6.3.3. Amendments to associated Market Procedures**

The IMO notes that the Market Procedure: Facility Registration, De-Registration and Transfer will require amendments to remove the processes related to Facility aggregation.

The IMO is currently considering other changes to this Market Procedure and, as the changes relating to this Rule Change Proposal are not strictly necessary prior to the commencement of the proposed Amending Rules, the IMO proposes to delay the related Procedure Change Proposal to progress the two sets of changes under the same process.

## **7. The IMO's decision**

Based on the matters set out in this Final Rule Change Report, the IMO's decision is to accept the Rule Change Proposal. As noted in section 6.1 of this Final Rule Change Report, the IMO does not proposed any further amendments to the proposed Amending Rules.

### **7.1. Reasons for the decision**

The IMO made its proposed decision on the basis that the Amending Rules:

- remove redundant capability in the IMO's IT systems, resulting in cost savings with respect to the ongoing maintenance and testing;
- better achieve Wholesale Market Objective (d);
- are consistent with the remaining Wholesale Market Objectives; and
- have the support of the MAC and the submissions received.

### **7.2. Proposed Commencement**

Subject to the Ministerial approval of the Amending Rules in this Final Rule Change Report, the IMO proposes to commence the Amending Rules at **8:00 AM** on **1 January 2015**.

## **8. Proposed Amending Rules**

The proposed Amending Rules as presented in the Rule Change Proposal are as follows (~~deleted text~~, added text):

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2.30. [Blank]Facility Aggregation

...

2.17.1. Decisions by the IMO or System Management, as applicable, made under the following clauses are Reviewable Decisions:

...

(j) [Blank]clauses 2.30.4 and 2.30.8;

...

...

## **2.30. [Blank]Facility Aggregation**

~~2.30.1. When registering facilities, a Rule Participant, or an applicant for rule participation, may apply to the IMO to allow the registration of two or more facilities as an aggregated facility.~~

~~2.30.1A. For each Capacity Year the IMO may only accept an application under clause 2.30.1 once with respect to each Facility.~~

~~2.30.2. Subject to clauses 2.30.5(a) to 2.30.5(c), Intermittent Generators operated by a single Market Participant that inject energy at a common network connection point and which, except for the operation of this clause 2.30.2, may be registered individually as Non-Scheduled Generators, must be aggregated as a single Non-Scheduled Generator.~~

~~2.30.3. [Blank]~~

~~2.30.4. The IMO must consult with System Management and the relevant Network Operator when assessing an application for Facility aggregation and inform the relevant Rule Participant whether the aggregation of the facilities is allowed.~~

~~2.30.5. The IMO must only allow the aggregation of facilities if, in its opinion:~~

- ~~(a) the aggregation will not adversely impact on System Management's ability to maintain Power System Security and Power System Reliability;~~
- ~~(b) adequate control and monitoring equipment exists for the aggregated Facility;~~
- ~~(c) none of the Facilities within the aggregated facility are subject to an Ancillary Service Contract or Network Control Service Contract that requires that Facility not be part of an aggregated facility;~~
- ~~(d) the aggregated facilities are at the same location or have the same Loss Factor; and~~
- ~~(e) System Management and the IMO will continue to be provided with the same Standing Data for each individual facility as before the facilities were aggregated.~~

~~2.30.6. If the individual Facilities forming part of an aggregated facility have their own meters, and there is no single meter for the entire aggregated facility, then the settlement~~

meter data for the aggregated facility must be the sum of the meter readings for its component facilities. Subject to clause 2.30.7A, an aggregated facility which has been registered as a Facility is taken to be treated as a single Facility for the purpose of these rules.

~~2.30.7. If the IMO approves the aggregation of Facilities then, subject to clause 2.30.7A, that aggregated facility must be registered as a single Facility for the purpose of these Market Rules~~

~~2.30.7A. If the IMO approves the aggregation of Facilities of a Scheduled Generator then each individual facility in that aggregated Facility that injects energy at an individual network connection point to the South West interconnected system must be treated as an individual Facility for the purpose of determining the Reserve Share (p,t) values under Appendix 2.~~

~~2.30.8. Where the IMO considers, after consultation with System Management, that a change in one or more of the criteria in clause 2.30.5 means that an aggregated facility should no longer be aggregated, it must inform the relevant Rule Participant of the date on which the aggregated facility will be considered to have been disaggregated.~~

~~2.30.9. Except where clause 2.30.2 requires the aggregation of facilities, a Rule Participant with an aggregated facility may notify the IMO that it no longer wishes to operate the facility as an aggregated facility from a specified date.~~

~~2.30.10. Where an aggregated facility is disaggregated in accordance with clause 2.30.8 or 2.30.9:~~

~~(a) each disaggregated facility is registered as a separate facility for the purpose of these Market Rules from the date specified by the IMO or the Rule Participant, as applicable; and~~

~~(b) the IMO may require the Rule Participant to provide Standing Data relevant to each disaggregated facility.~~

~~2.30.11. The IMO must document the facility aggregation and disaggregation process in the Registration Procedure, and:~~

~~(a) applicants for facility aggregation or disaggregation must follow that documented Market Procedure; and~~

~~(b) the IMO and System Management must follow that documented Market Procedure when processing applications for facility aggregation and disaggregating previously aggregated facilities.~~

...

2.30B.11. The generation system described in clause 2.30B.2(a) is deemed to satisfy the requirements of clause 2.30B.2(a)(i) if it is located at a different connection point to that of the Load to which clause 2.30B.2 pertains and all of the following conditions

are satisfied prior to the Load or part of the Load commencing to be an Intermittent Load:

...

- (fe) the generation system must be constructed with the intention of serving the Intermittent Load; and
- ~~(g) the generation system must not be part of an Aggregate Facility with other generation systems; and~~
- (hf) the IMO was notified of the use of such a generation system to serve the Intermittent Load in accordance with clause 4.5.3A(b)(iii) prior to the registration of that Intermittent Load.

...

2.33.3. The IMO must prescribe a Facility registration form that requires an applicant for Facility registration to provide the following:

...

- (c) for each Facility to be registered:
  - ...
  - v. [Blank]if the Facility is aggregated or not and details of any proposed aggregation;
  - ...

...

~~4.23A.3. If at any time a Market Participant holds Capacity Credits with respect to a facility (the “**primary facility**”) that must be registered as more than one Registered Facility, either as a result of Facility aggregation not being approved by System Management or being revoked, then the IMO may re-allocate the Certified Reserve Capacity, Capacity Credits and Reserve Capacity Obligation Quantities of the primary facility between the primary facility and the Registered Facilities subject to the conditions that:~~

- ~~(a) the Registered Facilities were documented in the original application for Certified Reserve Capacity as contributing to the capacity covered by those Capacity Credits;~~
- ~~(b) the IMO must not allocate more Certified Reserve Capacity, Capacity Credits or Reserve Capacity Obligation Quantity to a Registered Facility than that Registered Facility can provide based on information provided in the original application for Certified Reserve Capacity for the primary facility;~~
- ~~(c) after the re-allocation the total Certified Reserve Capacity, the total number of Capacity Credits and the total Reserve Capacity Obligation Quantities, respectively, of the primary facility and the Registered Facilities must equal the~~

~~Certified Reserve Capacity, the number of Capacity Credits, and the Reserve Capacity Obligation Quantity immediately prior to the re-allocation; and~~

- ~~(d) — the IMO must consult with the applicable Market Participant and give consideration to its preferences in the re-allocations to the extent allowed by clause 4.23A.3(a), (b) and (c).~~

~~4.23A.4. If at any time a Market Participant holds Capacity Credits with respect to Registered Facilities, for which the IMO has approved aggregation as a single aggregated facility in accordance with clause 2.30.7, then the IMO may re-allocate the Certified Reserve Capacity, Capacity Credits and Reserve Capacity Obligation Quantities of the Registered Facilities to the aggregated facility subject to the conditions that:~~

- ~~(a) — the information submitted with the application for aggregation must demonstrate that the aggregated facility can at all times meet the sum of the full Reserve Capacity Obligation Quantities of the Registered Facilities;~~
- ~~(b) — the IMO must allocate to the aggregated facility the Certified Reserve Capacity, Capacity Credits and Reserve Capacity Obligation Quantity it can provide based on information provided in the original application for Certified Reserve Capacity for the Registered Facilities;~~
- ~~(c) — after the re-allocation the Certified Reserve Capacity, the number of Capacity Credits and the Reserve Capacity Obligation Quantities of the aggregated facility must equal the sum of the Certified Reserve Capacities, the total number of Capacity Credits, and the sum of the Reserve Capacity Obligation Quantities immediately prior to the aggregation; and~~
- ~~(d) — the Capacity Credits and the Reserve Capacity Obligation Quantities of the aggregated facility must at all times be capable of being disaggregated in accordance with clause 4.23A.3.~~

...

5.3A.1. When a Network Operator has entered into a Network Control Service Contract with a Market Participant, the Network Operator must as soon as practicable and not less than 20 Business Days prior to a Network Control Service Contract taking effect, provide the IMO with:

...

- ~~(c) a unique identifier for the Network Control Service Contract; and~~
- ~~(d) the period over which the services are to be provided by the Network Control Service Contract; and~~
- ~~(e) — whether the Network Control Service Contract requires that the Facility not be part of an aggregated Facility.~~

...

## Appendix 1: Standing Data

...

(k) for each Registered Facility:

i. Reserve Capacity information including:

...

7. for each Short Term Special Price Arrangement and Long Term Special Price Arrangement associated with the facility, the number of Capacity Credits covered, the Special Reserve Capacity Price to be applied, and the expiration date and time of the Special Price Arrangement;

ii. Network Control Service information including:

1. the identity of any Network Operator that has entered into a Network Control Service Contract in relation to the Facility; and
2. the unique identifier for any Network Control Service Contract applicable to the Facility provided by a Network Operator in accordance with clause 5.3A.1(c); and
3. ~~whether the Facility is subject to a Network Control Service Contract that requires the Facility not to be part of an aggregated Facility; and~~

...

...

## Appendix 2: Spinning Reserve Cost Allocation

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- ~~• If facility f is a Scheduled Generator that is the sum of more than one aggregated Facility, each with an interval meter and each injecting energy at an individual network connection point to the South West interconnected system, then each individual Facility is treated as an individual Scheduled Generator under Appendix 2.~~

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