



## Rule Change Notice

### Administrative Improvements to the Outage Process (RC\_2014\_03)

This notice is given under clause 2.5.7 of the Wholesale Electricity Market Rules (Market Rules).

**Submitter:** Kate Ryan, IMO

**Date submitted:** 27 November 2014

#### The proposal

The IMO has recently completed a review of the Consequential Outage process and as a part of

The IMO has also taken the opportunity to make minor drafting improvements to a number of clauses related to the Outage process,





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## Wholesale Electricity Market Rule Change Proposal

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**Rule Change Proposal ID:** RC\_2014\_03  
**Date received:** 27 November 2014

**Change requested by:**

**Name:**





clause 3.21.4A of the Market Rules is a Consequential Outage. The IMO has also amended the cross-reference in clause 7.13.1G(c)(iii) of the Market Rules to reflect the relocation (from clause 3.21.2 to 3.21.2A) of the IMO determination of a Consequential Outage.

In the proposed new clause 3.21.2B of the Market Rules the IMO proposes to allow System Management to revise an earlier Consequential Outage determination if the earlier determination

has notified System Management of an outage in accordance with clause 3.21.4A, and to which clause 7.10.2(c)(ii) of the Market Rules applies, is not required to comply with the most recently issued Dispatch Instruction, Operating Instruction or Dispa



Similarly, clause 3.21.6 of the Market Rules provides the process by which System Management determines the de-rating Outage. Under the current process:

Market Participants enter an outage quantity on a generated basis at 15 degrees Celsius;

System Management converts the quantity to a sent out basis at 15 and 41 degrees



under clause 2.8.13 of the Market Rules or Reviewable Decisions under clause 2.17.1 of the Market Rules.

The IMO will engage with the Public Utilities Office to progress this Rule Change Proposal.

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**2. Explain the reason for the degree of urgency:**

The IMO proposes to progress this Rule Change Proposal under the Standard Rule Change Process.

The IMO considers that the proposed amendments will benefit the market and involve minimal costs to the market,

\_\_\_\_\_equipment ~~did not suffer a~~ had not been affected by  
the Forced Outage or Planned Outage; or

(b) after receiving a notification under clause 3.21.4A and at least 30 minutes  
before Balancing Gate Closure for the relevant Trading Interval or the first  
relevant Trading Interval, System Management determines (under clause  
3.21.2A) that the outage will be caused by a Forced Outage to another  
\_\_\_\_\_ or a Planned Outage  
\_\_\_\_\_ equipment; or

(c) after receiving a notification under clause 3.21.4A and as at 30 minutes  
before Balancing Gate Closure for the relevant Trading Interval or the first  
relevant Trading Interval:

(i) the outage has not commenced:

(ii) System Management has not determined (under clause 3.21.2A)  
that the outage will be caused by a Forced Outage to another Rule  
\_\_\_\_\_ or a Planned Outage to a Network  
\_\_\_\_\_ ; and

(iii) the affected Rule Participant reasonably expected, based on  
information that was available to it 30 minutes before Balancing  
Gate Closure, that the outage would occur and would be caused by  
\_\_\_\_\_ or a  
Planned Outage to a Net \_\_\_\_\_.

(b)

3.21.4. A Market Participant or Network Operator must notify System Management as soon as practicable after ~~If a Facility or item of equipment that is on the list described in clause 3.18.2, or a Facility or generation system to which clause 3.18.2A relates, suffers~~ is de-rated as a result of a Forced Outage or Consequential Outage, then the relevant Market Participant or Network Operator must inform System Management of the outage as soon as practicable. The notice must include the information specified in clause 3.21.4B. ~~Information provided to System Management must include:~~

- ~~(a) the time the outage commenced;~~
- ~~(b) an estimate of the time the outage is expected to end;~~
- ~~(c) the cause of the outage;~~
- ~~(d) the Facility or item of equipment or Facilities or items of equipment affected; and~~
- ~~(e) for each affected Facility or item of equipment, the expected quantity of any de-rating by Trading Interval, where, if the Facility is a generating system, this quantity is to be submitted in accordance with clause 3.21.5.~~

3.21.4A. A Market Participant or Network Operator may notify System Management if a Facility or item of equipment that is on the list described in clause 3.18.2, or a Facility or generation system to which clause 3.18.2A relates, is (in the Market  
\_\_\_\_\_ is de-rated as a result of a  
Forced Outage or  
determination under clause 3.21.2A. The notice must include the information  
specified in clause 3.21.4B.

3.21.4B. The information provided to System Management under clause 3.21.4 or 3.21.4A  
must include:

- (a) the time the outage commenced or is expected to commence;
- (b) an estimate of the time the outage ended or is expected to end;
- (c) the cause of the outage;
- (d) each Facility, item of equipment or generation system de-rated as a result of the outage; and
- (e) for each Facility, item of equipment or generation system de-rated as a result of the outage, the expected quantity of any de-rating by Trading Interval, where, if the Facility is a generating system, this quantity is to be submitted in accordance with clause 3.21.5; and
- (f) any other information necessary for verifying the details of the outage requested by System Management.

3.21.5. The quantity of an Outage notification submitted to System Management:

- (a) for a Scheduled Generator, is the reduction in capacity from the relevant  
Sent Out Capacity, maximum capacity measured on a sent out



2. ~~the maximum capacity~~ Sent Out Capacity at 41 degrees Celsius of the Facility minus its ~~Reserve Capacity Obligation~~ Quantity t





7.13.1A. System Management must provide the IMO with the following data for a Trading Day by noon on the 15th Business Day following the day on which the Trading Day ends:

(b) the schedule of all Planned Outages, Forced Outages and Consequential Outages relating to each Trading Interval in the Trading Day by Market Participant and Facility as measured on a sent out basis at:

i. 15 degrees Celsius for Scheduled Generators and Non-Scheduled Generators; and

ii. 41 degrees Celsius for Scheduled Generators.

7.13.1G. The information required to be provided by System Management to the IMO under clause 7.13.1F must include:

(b) the information provided under clauses 3.21.4B(a) - 3.21.4(d);

(c) the time and date when:

i. the Forced Outage was first notified to System Management;

ii. the outage status was amended by System Management; and

iii. System Management recorded in its computer interface system that a Consequential Outage occurred as determined under clause 3.21.2A; and

## Glossary

electricity and electricity related services in the South West interconnected system; and

- (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 address Wholesale Market Objectives (a) and (d) by:

removing from the Consequential Outage process the unnecessary administrative burden associated with:

- Market Participants and Network Operators having to provide System Management a notice signed by an Authorised Officer confirming the details of a Consequential Outage; and
- System Management retaining the authorised notices related to Consequential Outages and providing copies of these to the IMO;

providing greater Outage transparency by better distinguishing, where possible between a Consequential Outage and a Forced Outage in advance (i.e. a Consequential Outage can be logged as such in the first instance, rather than being logged as a Forced Outage first and then converted later to a Consequential Outage);

ensuring that the IMO is able to comply with its existing obligations by allowing it to provide System Management (rather than RCOQ) for the purpose of calculating Outage quantities;

providing for advance notification of Consequential Outages to ensure greater transparency of Facility availability to Market Participants and thereby improving the accuracy of the Balancing Price forecast; and

providing greater clarity and transparency with respect to existing obligations in the Market Rules to better equip Market Participants to comply with their obligations and therefore reducing the administrative overheads associated with interpreting and complying with the Market Rules.

The IMO considers that the proposed amendments are consistent with the remaining Wholesale Market Objectives.

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## 5. Provide any identifiable costs and benefits of the change:

System Management is anticipated to incur some costs associated with the system changes required by the amendments relating to:

providing the functionality in SMMITS for Consequential Outages to be directly, requested by Market Participants and approved by System Management;

providing to the IMO Outage quantities for each Facility for each Trading Interval on a sent out basis at 15 degrees Celsius; and

