

Single Electricity Market

|  |
| --- |
| Final REcommendation ReportMod\_13\_12: housekeeping 527 june 2012 |

COPYRIGHT NOTICE

All rights reserved. This entire publication is subject to the laws of copyright. This publication may not be reproduced or transmitted in any form or by any means, electronic or manual, including photocopying without the prior written permission of EirGrid plc and SONI Limited.

DOCUMENT DISCLAIMER

Every care and precaution is taken to ensure the accuracy of the information provided herein but such information is provided without warranties express, implied or otherwise howsoever arising and EirGrid plc and SONI Limited to the fullest extent permitted by law shall not be liable for any inaccuracies, errors, omissions or misleading information contained herein.

Document History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Comment** |
| 0.1 | 19 June 2012 | Modifications Committee Secretariat | Issued to Modifications Committee for review and approval |
| 1.0 | 27 June 2012 | Modifications Committee Secretariat | Issued to Regulatory Authorities for final decision |

Reference Documents

|  |
| --- |
| **Document Name** |
| [Trading and Settlement Code](http://semopub/MarketDevelopment/MarketRules/TSC.doc)  |
| [Mod\_13\_12: Housekeeping 5](http://semopub/MarketDevelopment/ModificationDocuments/Mod_13_12%20Housekeeping.docx) |

Table of Contents

[1. MODIFICATIONS COMMITTEE RECOMMENDATION 3](#_Toc327198720)

[**Recommended for approval – unanimous Vote** 3](#_Toc327198721)

[2. Background 3](#_Toc327198722)

[3. PURPOSE OF PROPOSED MODIFICATION 3](#_Toc327198723)

[**3A.) justification of Modification** 3](#_Toc327198724)

[**3B.) Impact of not Implementing a Solution** 3](#_Toc327198725)

[**3c.) Impact on Code Objectives** 4](#_Toc327198726)

[4. Assessment of Alternatives 4](#_Toc327198727)

[5. Working Group and/or Consultation 4](#_Toc327198728)

[6. impact on systems and resources 4](#_Toc327198729)

[7. Impact on other Codes/Documents 4](#_Toc327198730)

[8. MODIFICATION COMMITTEE VIEWS 4](#_Toc327198731)

[**Meeting 42 - 29 May 2012** 4](#_Toc327198732)

[9. Proposed Legal Drafting 4](#_Toc327198733)

[Appendix O: instruction profiling calculations 6](#_Toc327198734)

[Glossary 6](#_Toc327198735)

[10. LEGAL REVIEW 7](#_Toc327198736)

[11. IMPLEMENTATION TIMESCALE 7](#_Toc327198737)

[Appendix 1: Mod\_12\_12 housekeeping 5 8](#_Toc327198738)

[Appendix O: instruction profiling calculations 9](#_Toc327198739)

[Glossary 10](#_Toc327198740)

# MODIFICATIONS COMMITTEE RECOMMENDATION

## Recommended for approval – unanimous Vote

|  |
| --- |
| **Mod\_13\_12: Recommended for Approval (subject to legal drafting)** |
| Brian Mongan | Generator Alternate  | Approve |
| Derek Scully | Generator Alternate | Approve |
| Emeka Chukwureh | Supplier Alternate | Approve |
| Jill Murray-Chair | Supplier Member | Approve |
| Mary Doorly | Generator Alternate | Approve |
| Niamh Quinn | Generator Member | Approve |
| Sean Doolin | Supplier Alternate | Approve |
| William Steele | Supplier Member | Approve |

# Background

This Modification Proposal was raised by the Secretariat on 15 May 2012. The Modification Proposal was presented at Meeting 42 on 29 May 2012 where it was voted on.

# PURPOSE OF PROPOSED MODIFICATION

## 3A.) justification of Modification

The Modification Proposal corrects minor drafting, formatting and typographical errors of various sections of the T&SC and APs. A brief explanation of each of the affected sections is as follows:

T&SC Section 2

2.34 Reference to 2.34a changed to 2.34A.

2.47 Insert decimal point for correction of reference.

T&SC Section 4

Moved heading Derivation of Quantities above sections 4.82A and 4.82B as these sections relate to Settlement rather than Pricing.

Appendix O

O.18 Removal of second full stop.

Glossary

Data Record definition modified from complying “to”, to complying “with”.

Residual Meter Volume subscript corrected from reading “Eh”, to “eh”.

Correction of other minor typos.

## 3B.) Impact of not Implementing a Solution

A number of minor errors will remain in the Code and APs.

## 3c.) Impact on Code Objectives

This Modification Proposal furthers the following Code Objective:

1.3.1 to facilitate the efficient discharge by the Market Operator of the obligations imposed upon it by its Market Operator Licenses.

# Assessment of Alternatives

N/A

# Working Group and/or Consultation

N/A

# impact on systems and resources

N/A

# Impact on other Codes/Documents

N/A

# MODIFICATION COMMITTEE VIEWS

## Meeting 42 - 29 May 2012

Secretariat advised that the proposal affected Sections 2, 4, Appendices, Glossary and Agreed

Procedure 1. Supplier Alternate queried as to whether the change in AP1 affecting the footnote of Section

2.3 Naming Conventions was correct, as the footnote states;

“Where “JJ” is a two character identifier for the Jurisdiction in which the Interconnector injection point

 resides”. Supplier Alternate advised that the identifier for the Republic of Ireland should remain RI and should not be changed to ROI as proposed. The Secretariat suggested addressing the concern by removing the AP1 change from the proposal pending verification of the change, addressing it in another housekeeping proposal if deemed necessary.

# Proposed Legal Drafting

Legal drafting excluding AP1 change as agreed at Meeting 42 is set out below:

2.34 A Party (or Applicant, as applicable) shall, on registration of a Generator Unit, specify if the Unit is:

a Wind Power Unit;

an Energy Limited Generator Unit;

a Pumped Storage Unit;

a Demand Side Unit;

a Netting Generator Unit;

an Interconnector Unit or

A Dual Rated Generator Unit, provided the Party has the approval of the Regulatory Authorities in accordance with paragraph 2.34A.

2.47 Where the Party (or Applicant, as applicable) concerned:

1. has supplied all information required and satisfied all such conditions as notified to the Party (or Applicant, as applicable) pursuant to paragraphs 2.43.2 to 2.43.4;
2. has paid the Participation Fees; and
3. is not otherwise in breach of the Code or the Framework Agreement;

then the Market Operator shall issue a Commencement Notice to the Participant and a copy to each System Operator and relevant External Data Provider as soon as reasonably practicable and at least 4 Working Days prior to the Unit Effective Date. The Commencement Notice shall specify the Effective Date, being the Trading Day on which, from the start of the first Trading Period on that Trading Day, registration of the Units concerned shall be effective, provided that the Required Credit Cover has been put in place 5 Working Days prior to the Effective Date.

Calculation of SMP

4.82 In the event that the System Marginal Price (SMPh) is calculated to fall below the Market Price Floor (PFLOOR), the System Marginal Price (SMPh) in the Trading Period h will be set to equal the Market Price Floor (PFLOOR).

 Derivation of Quantities used in Settlement

4.82A The value of the Residual Meter Volume Interval Proportion for each Currency Zone e for Year y (RMVIPey) shall be determined by the Regulatory Authorities , four months in advance of the period to which the value relates.

4.82B The Market Operator shall publish the approved value or values of the Residual Meter Volume Interval Proportion within 5 Working Days of receipt of the Regulatory Authorities' determination or four months before the start of the Year or the period to which it or they shall apply, whichever is the later.

**Trading Sites with a Trading Site Supplier Unit**

4.83 The Market Operator shall procure that the Eligible Netting Quantity (ENQsh) for each Trading Site s with a Trading Site Supplier Unit v in Trading Period h shall be calculated as follows:

Appendix O: instruction profiling calculations

O.18 The load up trajectory of a Generator Unit is a piecewise linear curve that describes the theoretical Output of a Generator Unit over time from Start Up to Minimum Generation.

The load up trajectory is determined by:

1. Block Load Cold, Block Load Warm and Block Load Hot;
2. Loading Rate Hot 1, 2 & 3;
3. Loading Rate Warm 1, 2 & 3;
4. Loading Rate Cold 1, 2 & 3;
5. Load Up Break Point Hot 1 & 2;
6. Load Up Break Point Warm 1 & 2;
7. Load Up Break Point Cold 1 & 2;
8. Soak Time Hot 1 & 2;
9. Soak Time Warm 1 & 2;
10. Soak Time Cold 1 & 2;
11. Soak Time Trigger Point Hot 1 & 2;
12. Soak Time Trigger Point Warm 1 & 2; and
13. Soak Time Trigger Point Cold 1 & 2.

Glossary

|  |  |
| --- | --- |
| **Data Record** | means a set of data fields containing the field-level information within a Data Transaction complying with field-level rules. |
| **Discovered Error** | A Discovered Error is an error in Meter Data which has previously been submitted to the Market Operator for Settlement purposes. A Discovered Error can arise through illegal abstraction or a meter fault. A Discovered Error is valid if notified to the Meter Data Provider within the same timeframe as applicable for raising a Settlement Query as defined in section 6.101. |

List of Variables, Applicable Subscripts and Units

In this List of Variables, applicable subscripts and units, the description of the variables applies except where expressly provided otherwise in the Code.

Where variables do not have a time subscript they shall be treated as applying for every Trading Day between a recorded start date and end date.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Residual Meter Volume** | RMV | eh | MWh | The MWh value of residual energy calculated when total Loss Adjusted Metered Demand is deducted from the total Loss Adjusted Metered Generation in each jurisdiction. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Unit Forced Outage Rate | UFOR | uy | Proportion | Unit Forced Outage Rate for Generator Unit u in Year y. |

#  LEGAL REVIEW

Complete

# IMPLEMENTATION TIMESCALE

The proposed implementation date is one working day after the day on which the Regulatory Authority decision is made. It is proposed that this Modification is made on a Settlement Day basis.

# Appendix 1: Mod\_12\_12 housekeeping 5

|  |
| --- |
| **MODIFICATION PROPOSAL FORM** |
| **Proposer** | **Date of receipt** | **Type of Proposal** | **Modification Proposal ID** |
| **SEMO** | **15 May 2012** | **Standard** | **Mod\_13\_12** |
| **Contact Details for Modification Proposal Originator** |
| **Name** | **Telephone number** | **Email address** |
| **Aisling O’ Donnell/Sherine King** | **+353 1 2370278/+353 1 2370296** | **modifications@sem-o.com** |
| **Modification Proposal Title** |
| **Housekeeping 5** |
| **Documents affected** | **Section(s) Affected** | **Version number of T&SC or AP used in Drafting** |
| **T&SC****AP** | **Section 2.34, 2.47, Section 4.82A, 4.82B, Appendix O, Glossary, AP1.** | **10.0** |
| **Explanation of Proposed Change***(mandatory by originator)* |
| The proposal seeks to rectify minor drafting, formatting and typographical errors currently existing in the TSC and AP1. |
| **Legal Drafting Change***(Clearly show proposed code change using* ***tracked*** *changes, if proposer fails to identify changes, please indicate best estimate of potential changes)* |
| 2.34 A Party (or Applicant, as applicable) shall, on registration of a Generator Unit, specify if the Unit is:1. a Wind Power Unit;
2. an Energy Limited Generator Unit;
3. a Pumped Storage Unit;
4. a Demand Side Unit;
5. a Netting Generator Unit;
6. an Interconnector Unit or
7. A Dual Rated Generator Unit, provided the Party has the approval of the Regulatory Authorities in accordance with paragraph 2.34A.

2.47 Where the Party (or Applicant, as applicable) concerned:has supplied all information required and satisfied all such conditions as notified to the Party (or Applicant, as applicable) pursuant to paragraphs 2.43.2 to 2.43.4;has paid the Participation Fees; andis not otherwise in breach of the Code or the Framework Agreement;then the Market Operator shall issue a Commencement Notice to the Participant and a copy to each System Operator and relevant External Data Provider as soon as reasonably practicable and at least 4 Working Days prior to the Unit Effective Date. The Commencement Notice shall specify the Effective Date, being the Trading Day on which, from the start of the first Trading Period on that Trading Day, registration of the Units concerned shall be effective, provided that the Required Credit Cover has been put in place 5 Working Days prior to the Effective Date.Calculation of SMP4.82 In the event that the System Marginal Price (SMPh) is calculated to fall below the Market Price Floor (PFLOOR), the System Marginal Price (SMPh) in the Trading Period h will be set to equal the Market Price Floor (PFLOOR).  4.82A The value of the Residual Meter Volume Interval Proportion for each Currency Zone e for Year y (RMVIPey) shall be determined by the Regulatory Authorities , four months in advance of the period to which the value relates.4.82B The Market Operator shall publish the approved value or values of the Residual Meter Volume Interval Proportion within 5 Working Days of receipt of the Regulatory Authorities' determination or four months before the start of the Year or the period to which it or they shall apply, whichever is the later.**Trading Sites with a Trading Site Supplier Unit**4.83 The Market Operator shall procure that the Eligible Netting Quantity (ENQsh) for each Trading Site s with a Trading Site Supplier Unit v in Trading Period h shall be calculated as follows:Appendix O: instruction profiling calculationsO.18 The load up trajectory of a Generator Unit is a piecewise linear curve that describes the theoretical Output of a Generator Unit over time from Start Up to Minimum Generation. 1. The load up trajectory is determined by:
2. Block Load Cold, Block Load Warm and Block Load Hot;
3. Loading Rate Hot 1, 2 & 3;
4. Loading Rate Warm 1, 2 & 3;
5. Loading Rate Cold 1, 2 & 3;
6. Load Up Break Point Hot 1 & 2;
7. Load Up Break Point Warm 1 & 2;
8. Load Up Break Point Cold 1 & 2;
9. Soak Time Hot 1 & 2;
10. Soak Time Warm 1 & 2;
11. Soak Time Cold 1 & 2;
12. Soak Time Trigger Point Hot 1 & 2;
13. Soak Time Trigger Point Warm 1 & 2; and
14. Soak Time Trigger Point Cold 1 & 2.

Glossary

|  |  |
| --- | --- |
| **Data Record** | means a set of data fields containing the field-level information within a Data Transaction complying with field-level rules. |
| **Discovered Error** | A Discovered Error is an error in Meter Data which has previously been submitted to the Market Operator for Settlement purposes. A Discovered Error can arise through illegal abstraction or a meter fault. A Discovered Error is valid if notified to the Meter Data Provider within the same timeframe as applicable for raising a Settlement Query as defined in section 6.101. |

List of Variables, Applicable Subscripts and UnitsIn this List of Variables, applicable subscripts and units, the description of the variables applies except where expressly provided otherwise in the Code.Where variables do not have a time subscript they shall be treated as applying for every Trading Day between a recorded start date and end date.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Residual Meter Volume** | RMV | eh | MWh | The MWh value of residual energy calculated when total Loss Adjusted Metered Demand is deducted from the total Loss Adjusted Metered Generation in each jurisdiction. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Unit Forced Outage Rate | UFOR | uy | Proportion | Unit Forced Outage Rate for Generator Unit u in Year y. |

Agreed Procedure 1 **2.3 Naming Conventions**The naming convention around Parties, Participants and Units is outlined in table below:

|  |  |  |
| --- | --- | --- |
| **Role** | **Convention** | **Proposed Initial Name(s)** |
| Party | PY\_nnnnnn | PY\_000001 etc. |
| Participant | CP\_nnnnnn | CP\_000001 etc. |
| Account | PT\_nnnnnn | PT\_000001 etc. |
| Trading Site | TS\_nnnnnn | TS\_000001 etc. |
| Supplier Unit(also for Trading Site Supplier Units and Associated Supplier Units) | SU\_nnnnnn | SU\_000001 etc. |
| Generator Unit | GU\_nnnnnn | GU\_000001 etc. |
| Demand Side Unit | DSU\_nnnnnn | DSU\_000001 etc. |
| System Operator | TSO\_aaaaaaaa | TSO\_SONITSO\_EirGrid |
| Meter Data Provider | MDP\_aaaaaaaa | MDP\_SONIMDP\_EirGridMDP\_NIEMDP\_MRSO |
| Interconnector | I\_JJaaaaaaaa[[1]](#footnote-1) | I\_NIMoyle, etc. |
| Interconnector Administrator | IA\_aaaaaaaa | IA\_aaaa, etc. |

 |
| **Modification Proposal Justification***(Clearly state the reason for the Modification)* |
| The Modification Proposal corrects minor drafting, formatting and typographical errors of various sections of the T&SC and APs. A brief explanation of each of the affected sections is as follows:T&SC Section 22.34 Reference to 2.34a changed to 2.34A.2.47 Insert decimal point for correction of reference.T&SC Section 4Moved heading Derivation of Quantities above sections 4.82A and 4.82B as these sections relate to Settlement rather than Pricing.Appendix OO.18 Removal of second full stop.GlossaryData Record definition modified from complying “to”, to complying “with”.Residual Meter Volume subscript corrected from reading “Eh”, to “eh”.Correction of other minor typos.AP 1Footnote of 2.3 Naming Conventions, RI changed to ROI for consistency purposes. |
| **Code Objectives Furthered***(State the Code Objectives the Proposal furthers, see Section 1.3 of T&SC for Code Objectives)* |
| This Modification Proposal furthers the following Code Objective: 1.3.1 to facilitate the efficient discharge by the Market Operator of the obligations imposed upon it by its Market Operator Licenses.  |
| **Implication of not implementing the Modification Proposal***(State the possible outcomes should the Modification Proposal not be implemented)* |
| A number of minor errors will remain in the Code and APs. |
| **Working Group***(State if Working Group considered necessary to develop proposal)* | **Impacts***(Indicate the impacts on systems, resources, processes and/or procedures)* |
| N/A | N/A |
| ***Please return this form to Secretariat by email to*** *modifications@sem-o.com* |

1. Where “JJ” is a two character identifier for the Jurisdiction in which the Interconnector injection point resides (e.g. NI or ROI). [↑](#footnote-ref-1)