

Single Electricity Market

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| Final REcommendation ReportMod\_29\_12: Dwell Time Up & Dwell Time Down Glossary Definitions22 January 2013 |

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Document History

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| **Version** | **Date** | **Author** | **Comment** |
| 1.0 | 14 January 2013 | Modifications Committee Secretariat | Issued to Modifications Committee for review and approval |
| 2.0 | 22 January 2013 | Modifications Committee Secretariat | Issued to Regulatory Authorities for final decision |

Reference Documents

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| **Document Name** |
| [Trading and Settlement Code](http://semopub/MarketDevelopment/MarketRules/TSC.doc)  |
| [Mod\_29\_12: Dwell Time Up & Dwell Time Down Glossary Definition](http://semopub/MarketDevelopment/ModificationDocuments/Mod_29_12%20Definition%20of%20Dwell%20Time%20Up%20and%20Dwell%20Time%20Down.docx) |

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# MODIFICATIONS COMMITTEE RECOMMENDATION

## Recommended for Approval– unanimous Vote

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| **Recommended for Approval by Unanimous Vote**  |
| Emeka Chukwureh | Supplier Alternate  | Approved |
| Gill Bradley | Generator Alternate | Approved |
| Ian Luney | Generator Member | Approved |
| Jill Murray-Chair | Supplier Member | Approved |
| Kevin Hannafin | Generator Alternate | Approved |
| Mary Doorly | Generator Member | Approved |
| Patrick Liddy | DSU Member | Approved |
| William Carr | Supplier Member | Approved |
| William Steele | Supplier Member | Approved |

# Background

This Modification Proposal was raised by SEMO and received by the Secretariat on 21 November 2012. This modification proposes to address the omission of new terms within the Glossary, as introduced by Mod\_40\_10 Differentiation between Dwell Times and Dwell Trigger Points while ramping up and ramping down.

The Modification Proposal was presented and discussed at Meeting 46 on 05 December 2012 where it was voted on.

# PURPOSE OF PROPOSED MODIFICATION

## 3A.) justification of Modification

All capitalised terms in the TSC must be defined in the Glossary. Mod\_40\_10 introduced the separate Dwell Times for ramping up and ramping down, Dwell Time Up and Dwell Time Down respectively. However, the glossary definition was not changed and remained defined as Dwell Time. This has been addressed in this Modification Proposal by introducing separate definitions for Dwell Time Up and Dwell Time Down. Similarly, Dwell Time Trigger Point has been expanded into two terms – Dwell Time Up Trigger Point and Dwell Time Down Trigger Point.

In addition, it is not clear from the existing definition, whether the first Dwell Time Trigger Point refers to the lowest point or highest point. This is increasingly important with the addition of Dwell Time Down Trigger Points where it is not clear whether the first Dwell Time Down Trigger Point starts at the top or the bottom. This is addressed by the inclusion of a clause specifying the order of the labelling of these points. The first Dwell Time Up Trigger Point refers to the lowest MW value Dwell Time Up Trigger Point. The same is true for Dwell Time Down where the first Dwell Time Down Trigger Point refers to the lowest MW value Dwell Time Down Trigger Point.

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

 Terms introduced by Mod\_40\_10 would not be defined in the Glossary of the Trading and Settlement Code.

## 3c.) Impact on Code Objectives

This Modification Proposal aims to further Code Objective 1.3.2, namely;

1.3.2 to facilitate the efficient, economic and coordinated operation, administration and development of the Single Electricity Market in a financially secure manner;

# Assessment of Alternatives

No alternatives assessed.

# 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 46 – 05 December 2012

MO Alternate provided an explanation of the proposal advising that the introduction of two new definitions to the Glossary are necessary in order to correctly reflect the meaning of terms used in Appendix N. The proposal also delivers clarification with regard to the order of dwell time up and down trigger points.

Proposer advised that the proposal arose following completion of the certification process which ensures that the MSP software aligns with the T&SC. Supplier Alternate questioned the timing of the certification process. MO Member advised that the certification process takes place in advance of a CMS release and is designed to discover any inconsistencies between the Market Rules and the MSP Software.

# Proposed Legal Drafting

As set out in Appendix 1.

#  LEGAL REVIEW

Complete

# IMPLEMENTATION TIMESCALE

It is proposed that this Modification is implemented on a Trading Day basis with effect from one Working Day after an RA Decision.

# Appendix 1: Mod\_29\_12

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| **MODIFICATION PROPOSAL FORM** |
| **Proposer** | **Date of receipt** | **Type of Proposal** | **Modification Proposal ID** |
| **SEMO** | **21 November 2012** | **Standard** | **Mod\_29\_12** |
| **Contact Details for Modification Proposal Originator** |
| **Name** | **Telephone number** | **Email address** |
| **Aodhagan Downey** | **+353-12370124** | **Aodhagan.downey@sem-o.com** |
| **Modification Proposal Title** |
| **Dwell Time Up & Dwell Time Down Glossary Definitions** |
| **Documents affected** | **Section(s) Affected** | **Version number of T&SC or AP used in Drafting** |
| **T&SC** | **Glossary** | **V11.0** |
| **Explanation of Proposed Change***(mandatory by originator)* |
| Mod\_40\_10 introduced the concept of a Dwell Time Up and Dwell Time Down to be used when ramping up and ramping down respectively. This Modification, however, did not define these new terms in the Glossary. This Modification Proposal is intended to address this omission. The same treatment is extended to Dwell Time Trigger Up Trigger Point and Dwell Time Down Trigger Point. In addition, the order of the labelling of these points is also clarified. |
| **Legal Drafting Change***(Clearly show proposed code change using* ***tracked*** *changes, if proposer fails to identify changes, please indicate best estimate of potential changes)* |
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| Dwell Time Down | means the duration for which the Generator Unit must remain at that Dwell Time Down Trigger Point during a change in its MW Output while ramping down between Maximum Generation and Minimum Generation. |
| Dwell Time Down Trigger Point | means a constant MW level at which a Generator Unit must remain while ramping down between Maximum Generation and Minimum Stable Generation, with the first point corresponding to the lowest constant MW level. |
| Dwell Time Up | means the duration for which the Generator Unit must remain at that Dwell Time Up Trigger Point during a change in its MW Output while ramping up between Minimum Generation and Maximum Generation. |
| Dwell Time Up Trigger Point | means a constant MW level at which a Generator Unit must remain while ramping up between Minimum Stable Generation and Maximum Generation, with the first point corresponding to the lowest constant MW level. |

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| **Modification Proposal Justification***(Clearly state the reason for the Modification)* |
| All capitalised terms in the TSC must be defined in the Glossary. Mod\_40\_10 introduced the separate Dwell Times for ramping up and ramping down, Dwell Time Up and Dwell Time Down respectively. However, the glossary definition was not changed and remained defined as Dwell Time. This has been addressed in this Modification Proposal by introducing separate definitions for Dwell Time Up and Dwell Time Down. Similarly, Dwell Time Trigger Point has been expanded into two terms – Dwell Time Up Trigger Point and Dwell Time Down Trigger Point.In addition, it is not clear from the existing definition, whether the first Dwell Time Trigger Point refers to the lowest point or highest point. This is increasingly important with the addition of Dwell Time Down Trigger Points where it is not clear whether the first Dwell Time Down Trigger Point starts at the top or the bottom. This is addressed by the inclusion of a clause specifying the order of the labelling of these points. The first Dwell Time Up Trigger Point refers to the lowest MW value Dwell Time Up Trigger Point. The same is true for Dwell Time Down where the first Dwell Time Down Trigger Point refers to the lowest MW value Dwell Time Down Trigger Point. |
| **Code Objectives Furthered***(State the Code Objectives the Proposal furthers, see Section 1.3 of T&SC for Code Objectives)* |
| This Modification Proposal furthers:1.3.2 to facilitate the efficient, economic and coordinated operation, administration and development of the Single Electricity Market in a financially secure manner; |
| **Implication of not implementing the Modification Proposal***(State the possible outcomes should the Modification Proposal not be implemented)* |
| Terms introduced by Mod\_40\_10 would not be defined in the Glossary of the Trading and Settlement Code. |
| **Working Group***(State if Working Group considered necessary to develop proposal)* | **Impacts***(Indicate the impacts on systems, resources, processes and/or procedures)* |
| No | None |
| ***Please return this form to Secretariat by email to*** ***modifications@sem-o.com*** |