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| **MODIFICATION PROPOSAL FORM** | | | | | |
| **Proposer** | **Date of receipt** | | **Type of Proposal** | | **Modification Proposal ID** |
| **SEMO** | **30 May 2013** | | **Standard** | | **Mod\_07\_13** |
| **Contact Details for Modification Proposal Originator** | | | | | |
| **Name** | | **Telephone number** | | **Email address** | |
| **Niamh Delaney** | | 1. **2370321** | | **niamh.delaney@sem-o.com** | |
| **Modification Proposal Title** | | | | | |
| **Clarification regarding the rules for Instruction Profiling in Appendix O.** | | | | | |
| **Documents affected** | | **Section(s) Affected** | | **Version number of T&SC or AP used in Drafting** | |
| **T&SC** | | **Appendix O** | | **V13.0** | |
| **Explanation of Proposed Change**  *(mandatory by originator)* | | | | | |
| This modification edits Appendix O, which addresses the Instruction Profiling function in SEM. It clarifies how Dispatch Instructions having the same Instruction Issue Time and Instruction Effective Time are handled. In addition, it documents how wind instructions are merged with MWOFs with the same Effective Time. | | | | | |
| **Legal Drafting Change**  *(Clearly show proposed code change using* ***tracked*** *changes, if proposer fails to identify changes, please indicate best estimate of potential changes)* | | | | | |
| DispaTCh Instruction Validation  O.10 Dispatch Instructions for a Trading Day shall be sorted by Generator Unit, Instruction Effective Time and Instruction Issue Time.  O.11 If multiple Dispatch Instructions with the same Instruction Effective Time but different Instruction Issue Times are issued for a Generator Unit, then the Dispatch Instruction with the latest Instruction Issue Time shall be used. For Dispatch Instructions having the same Instruction Issue Time and Instruction Effective Time, the Dispatch Instructions shall be ordered based on the following sequence of Instruction Codes:   1. TRIP; 2. GOOP+PUMP 3. MWOF; 4. MXON; 5. SYNC; 6. GOOP; 7. WIND; 8. MXOF; and 9. DESY.   O.12 For Dispatch Instructions having a MWOF Instruction Code and equal Instruction Effective Times, the Dispatch Instruction with the largest Target Instruction Level shall be used.  O.13 For two Dispatch Instructions having the same Instruction Effective Time, where the first Dispatch Instruction is defined as Dispatch Instruction A and the second Dispatch Instruction is defined as Dispatch Instruction B, the Instruction Code and Instruction Combination Code that shall be used for the resultant Dispatch Instruction are shown in Table O.2. For the avoidance of doubt, MWOF(x) is defined as Dispatch Instruction having an Instruction Code of MWOF and a Target Instruction Level of x MW. SYNC(x) is defined as Dispatch Instruction having an Instruction Code of SYNC and a Target Instruction Level of x MW. DESY(x) is defined as Dispatch Instruction having an Instruction Code of DESY and a Target Instruction Level of x MW. PGEN(x) is defined as a Dispatch Instruction having an Instruction Code of GOOP, an Instruction Combination Code of PGEN and a Target Instruction Level of x MW. CURL(x) is defined as a Dispatch Instruction having an Instruction Code of WIND, an Instruction Combination Code of CURL and a Target Instruction Level of x MW. CRLO(x) is defined as a Dispatch Instruction having an Instruction Code of WIND, an Instruction Combination Code of CRLO and a Target Instruction Level of x MW. LOCL(x) is defined as a Dispatch Instruction having an Instruction Code of WIND, an Instruction Combination Code of LOCL and a Target Instruction Level of x MW. LCLO(x) is defined as a Dispatch Instruction having an Instruction Code of WIND, an Instruction Combination Code of LCLO and a Target Instruction Level of x MW.  **Table O.2 – Validation Rules for two Dispatch Instructions having the same Effective Time**   | **Instruction Code A** | **Instruction Combination Code A** | **Instruction Code B** | **Instruction Combination Code B** | **Resultant Instruction Code** | **Resultant Instruction Combination Code** | | --- | --- | --- | --- | --- | --- | | MWOF(x) | n/a | SYNC | n/a | SYNC (x) | n/a | | SYNC | n/a | MWOF(x) | n/a | SYNC (x) | n/a | | MWOF(x) | n/a | DESY | n/a | DESY (x) | n/a | | DESY | n/a | MWOF(x) | n/a | DESY (x) | n/a | | MWOF(x) | n/a | GOOP | PGEN | GOOP | PGEN (x) | | GOOP | PGEN | MWOF(x) | n/a | GOOP | PGEN (x) | | WIND | CURL | MWOF(x) | n/a | WIND | CURL(x) | | WIND | CRLO | MWOF(x) | n/a | WIND | CRLO(x) | | WIND | LOCL | MWOF(x) | n/a | WIND | LOCL(x) | | WIND | LCLO | MWOF(x) | n/a | WIND | LCLO(x) | | | | | | |
| **Modification Proposal Justification**  *(Clearly state the reason for the Modification)* | | | | | |
| This modification aims to clarify issues raised by the auditors in relation to Instruction Profiling in Appendix O. As part of a previous modification, Mod\_37\_09v2, the text of O.11, which deals with the case where multiple Dispatch Instructions with the same Instruction Effective Time but different Instruction Issue Time are issued for a Generator Unit, was modified to state that the instructions should be ranked in the stated order and the highest ranked dispatch instruction should be used. This was identified by the auditors as being inaccurate.  It is proposed to revert to the original text which describes the instructions as being ordered in such a case and reflects what happens in practice in the Instruction Profiler.  In addition, it was identified by the auditors that certain rules applied by the Instruction Profiler to combine WIND and MWOF instructions do not appear in the T&SC. This modification adds them to Table O.2 for clarity and transparency and edits the description in O.13. | | | | | |
| **Code Objectives Furthered**  *(State the Code Objectives the Proposal furthers, see Section 1.3 of T&SC for Code Objectives)* | | | | | |
| This modification aims to further Code Objective 1.3.5., namely :  to provide transparency in the operation of the Single Electricity Market; | | | | | |
| **Implication of not implementing the Modification Proposal**  *(State the possible outcomes should the Modification Proposal not be implemented)* | | | | | |
| If this modification is not implemented, a lack of transparency will remain in the description of Instruction Profiling in Appendix O. | | | | | |
| **Working Group**  *(State if Working Group considered necessary to develop proposal)* | | | **Impacts**  *(Indicate the impacts on systems, resources, processes and/or procedures)* | | |
| No. | | | No systems impact. | | |
| ***Please return this form to Secretariat by email to*** [***modifications@sem-o.com***](mailto:modifications@sem-o.com) | | | | | |

**Notes on completing Modification Proposal Form:**

1. **If a person submits a Modification Proposal on behalf of another person, that person who proposes the material of the change should be identified on the Modification Proposal Form as the Modification Proposal Originator.**
2. **Any person raising a Modification Proposal shall ensure that their proposal is clear and substantiated with the appropriate detail including the way in which it furthers the Code Objectives to enable it to be fully considered by the Modifications Committee.**
3. **Each Modification Proposal will include a draft text of the proposed Modification to the Code unless, if raising a Provisional Modification Proposal whereby legal drafting text is not imperative.**
4. **For the purposes of this Modification Proposal Form, the following terms shall have the following meanings:**

**Agreed Procedure(s): means the detailed procedures to be followed by Parties in performing their obligations and functions under the Code as listed in Appendix D “List of Agreed Procedures”.**

**T&SC / Code: means the Trading and Settlement Code for the Single Electricity Market**

**Modification Proposal: means the proposal to modify the Code as set out in the attached form**

**Derivative Work: means any text or work which incorporates or contains all or part of the Modification Proposal or any adaptation, abridgement, expansion or other modification of the Modification Proposal**

**The terms “Market Operator”, “Modifications Committee” and “Regulatory Authorities” shall have the meanings assigned to those terms in the Code.**

**In consideration for the right to submit, and have the Modification Proposal assessed in accordance with the terms of Section 2 of the Code (and Agreed Procedure 12), which I have read and understand, I agree as follows:**

**1. I hereby grant a worldwide, perpetual, royalty-free, non-exclusive licence:**

* 1. **to the Market Operator and the Regulatory Authorities to publish and/or distribute the Modification Proposal for free and unrestricted access;**
  2. **to the Regulatory Authorities, the Modifications Committee and each member of the Modifications Committee to amend, adapt, combine, abridge, expand or otherwise modify the Modification Proposal at their sole discretion for the purpose of developing the Modification Proposal in accordance with the Code;**
  3. **to the Market Operator and the Regulatory Authorities to incorporate the Modification Proposal into the Code;**

**1.4 to all Parties to the Code and the Regulatory Authorities to use, reproduce and distribute the Modification Proposal, whether as part of the Code or otherwise, for any purpose arising out of or in connection with the Code.**

**2. The licences set out in clause 1 shall equally apply to any Derivative Works.**

**3. I hereby waive in favour of the Parties to the Code and the Regulatory Authorities any and all moral rights I may have arising out of or in connection with the Modification Proposal or any Derivative Works.**

**4. I hereby warrant that, except where expressly indicated otherwise, I am the owner of the copyright and any other intellectual property and proprietary rights in the Modification Proposal and, where not the owner, I have the requisite permissions to grant the rights set out in this form.**

**5. I hereby acknowledge that the Modification Proposal may be rejected by the Modifications Committee and/or the Regulatory Authorities and that there is no guarantee that my Modification Proposal will be incorporated into the Code.**