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| **MODIFICATION PROPOSAL FORM** |
| **Proposer***(Company)* | **Date of receipt***(assigned by Secretariat)* | **Type of Proposal***(delete as appropriate)* | **Modification Proposal ID***(assigned by Secretariat)* |
| **EirGrid** | **20 March 2015** | **Standard** | **Mod\_04\_15** |
| **Contact Details for Modification Proposal Originator** |
| **Name** | **Telephone number** | **Email address** |
| **Cathal Kearney** | **01-2370153** | **Cathal.Kearney@eirgrid.com** |
| **Modification Proposal Title** |
| **Modification to Relevant Meter Operator Role and support requirements for Meter Communication Channels** |
| **Documents affected***(delete as appropriate)* | **Section(s) Affected** | **Version number of T&SC or AP used in Drafting** |
| **T&SC** | **3.74, 3.75, 3.81, Glossary & Appendix L** | **Appendix L** |
| **Explanation of Proposed Change***(mandatory by originator)* |
| EirGrid/SONI as TSO is currently the Meter Data Provider for TSO/DSO connected Generator units registered in the SEM, where Price Effecting Meter Data is to be provided to the SEM on a seven day basis. DSO meters are installed by ESB Networks/NIE who is the Relevant Meter Operator for Distribution connected Units.Where metering is installed by the Relevant Meter Operator, it would be the responsibility of the Relevant Meter Operator to have support arrangements in place for Meter Communication Channels and back-up power supplies for meter installations.The purpose of this modification will require the Relevant Meter Operator and where 1 Generator provided Meter Communication channels, to provide 2 day support arrangements (on a 7 day basis) for Meter Communication Channels and associated power supplies to energy metering systems. This is required for the provision of meter data to the SEM as per T&SC requirements under Appendix L “Meter data Transactions”  |
| **Legal Drafting Change***(Clearly show proposed code change using* ***tracked*** *changes, if proposer fails to identify changes, please indicate best estimate of potential changes)* |
| **3. DATA AND INFORMATION SYSTEMS**Meter Data Requirements* 1. Each Party that registers a Generator Unit must have Interval Metering installed by the Relevant Meter Operator responsible for installing, commissioning and maintaining such meters at the Generator to meter Active Power Generation. Such Interval Metering, Meter Communication Channels and associated power supplies shall be to an approved standard sufficient to allow routine polling of that Meter by the responsible Meter Data Provider for provision of data to the Market Operator as identified under Appendix L “Meter Data Transactions”.
	2. All Active Power Demand aggregated by a Meter Data Provider into Trading Site Supplier Unit or an Associated Supplier Unit for a Trading Site that contains a Generator Unit with Non-Firm Access must have Interval Metering installed by the Relevant Meter Operator responsible for installing, commissioning and maintaining such meters. Such Interval Metering, Meter Communication Channels and associated power supplies shall be to an approved standard sufficient to allow routine polling of that Meter by the responsible Meter Data Provider for provision of data to the Market Operator as identified under Appendix L “Meter Data Transactions”.
	3. Parties that have registered Units must facilitate the Relevant Meter Operator in fulfilling such obligations regarding the installation, commissioning, calibration, maintenance, testing, inspection, security, repair, reading of and access to meter equipment as are provided for in the relevant Metering Code or Grid Code as applicable.

**Glossary** **DEFINITIONS****Inclusion of Meter Communication Channels in Glossary (T&SC Definitions)*****Meter Communication Channels*** are a range of communication routes / media used for the transfer of Meter Data from energy metering systems to the TSO central meter data collection systems, as **approved** with the Relevant Meter Operator to the TSO central data collection system. **Inclusion of Relevant Meter Operator in Glossary (T&SC Definitions)*****Relevant Meter Operator*** - The entity obliged under the Trading and Settlement Code or obliged Operator under Licence, issued by the Commission or relevant Authority, to operate and provide for the installation, testing and calibration of a defined set of metering points. The Relevant Meter Operators are the DSO and TSO.**Appendix L: METER DATA TRANSACTIONS****Inclusion of L. 21 appendix L: METER DATA TRANSACTIONS**L.21 It is the responsibility of the Relevant Meter Operator for the installation, maintenance and support of Meter Communication Channels and associated power supplies to allow routine polling of energy meters by the Meter Data Providers for the provision of Meter Data **as described in paragraph L.12**. These Meter Communication Channels and associated power supplies **must have 2 day support arrangements in place, to meet the Ex-Post Initial (Day+3) MSP Software run timelines. The ability to poll the energy meters is also required during planned or unplanned outages of Generator connections.**Where the Meter Data Provider has **approved** the use of Generator provided Meter Communication Channels to the TSO Central data collection system, it is the responsibility of the Generator to maintain such Meter Communication Channels as specified by the TSO, and must have 2 day support arrangements in place. |
| **Modification Proposal Justification***(Clearly state the reason for the Modification)* |
| This modification clarifies the obligations of the relevant Parties to maintain and install energy meters to a standard that allows the Meter Data Provider to provide Meter Data for the Ex-Post Initial MSP Software Run. Where the use of Generator communication channels and associated power supplies are used to energy meters, it would also require Generators to support these arrangements in order to allow the Meter Data Provider to effectively fulfil its obligations under Appendix L “Meter Data Transactions” of the Trading and Settlement Code. |
| **Code Objectives Furthered***(State the Code Objectives the Proposal furthers, see Section 1.3 of T&SC for Code Objectives)* |
| The implementation of this modification will clarify the obligations of the relevant Parties within the Trading and Settlement Code and ensure the efficient and accurate transfer of price effecting Meter Data to the SEM for pricing and settlement calculations. This modification will further Code objective 2: *“to facilitate the efficient, economic and coordinated operation, administration and development of the Single Electricity Market in a financially secure manner”. And* It aims to satisfy the following code objectives: 1.3. 7:“to promote the short-term and long-term interests of consumers of electricity on the island of Ireland with respect to price, quality, reliability, and security of supply of electricity.” |
| **Implication of not implementing the Modification Proposal***(State the possible outcomes should the Modification Proposal not be implemented)* |
| By not implementing this modification a situation will exist where certain meters are not being maintained to a sufficient standard and some price effecting Meter Data sent to the SEM could be inaccurate leading to incorrect market schedules.There will be Time and costs incurred by the Market that could otherwise be avoided due to SEM queries. |
| **Working Group***(State if Working Group considered necessary to develop proposal)* | **Impacts***(Indicate the impacts on systems, resources, processes and/or procedures)* |
| Not required | This will result in more efficient use of SEMO resources and SO resources1 Reference SONI WFPS Settings Schedule Section 5.1.1  |
| ***Please return this form to Secretariat by email to*** ***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.**