

MODIFICATION PROPOSAL FORM

SPID (SONI PROPOSAL ID):
030217 – ADVANCED METER RECONCILIATION PROCESS



(FORM SGC1, PROPOSAL OF MODIFICATION TO SONI GRID CODE)

MODIFICATION PROPOSAL:	SONI Grid Code Metering Code – Advanced Meter Reconciliation Process		
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MODIFICATION PROPOSAL ORIGINATOR E-MAIL ADDRESS:	<u>gridcode@soni.ltd.uk</u>	MODIFICATION PROPOSAL NUMBER (SONI USE ONLY)	030217 – ADVANCED METER RECONCILIATION PROCESS
GRID CODE SECTION(S) AFFECTED BY PROPOSAL:	Metering Code		
GRID CODE VERSION :	SONI Grid Code version – 07 th August 2015 http://www.soni.ltd.uk/media/documents/Operations/Grid-Code/SONI%20Grid%20Code%20Version%20Aug%202015.pdf		

<p>MODIFICATION PROPOSAL DESCRIPTION</p>	<p>This proposal intends to provide a more efficient and reliable process for Advanced Meter Reconciliation.</p>
<p>DEFINED TERMS</p>	<p>“Actual Metering Point” The physical point at which electricity is metered.</p> <p>“Relevant Meter Operator” The entity obliged under agreement with the Registrant or under Licence, to operate and provide for the installation, testing and calibration of a defined set of metering points. The Relevant Meter Operators are the TO and TSO.</p>
<p>MC3.3</p> <p><i>As per the new defined term Relevant Meter Operator definition. This introduces the term Relevant Meter Operator into the Meter Code in respect of its responsibilities and references within this Meter Code. Including the Relevant Meter Operator as a registrant minimises the changes required to the text within this Meter Code. This is a reflection of current arrangements.</i></p>	<p>MC3.3 All Metering shall be owned by the TO. The TSO shall ensure that the TO ensures that all such Metering complies with this Metering Code, other than:</p> <p>MC3.3.1 all Tariff Metering relating to Non NIE Customer which shall, for the purposes of this Metering Code, be the responsibility of the relevant Supplier;</p> <p>MC3.3.2 all Generator Circuits which shall, for the purposes of this Metering Code, be the responsibility of the Generator which operates the Generating Unit and/or WFPS to which they relate.</p> <p>MC3.3.3 all Metering relating to Interconnections, responsibility for which shall be governed by the provisions of the relevant Interconnection Agreement.</p> <p><u>The TSO, Relevant Meter Operator</u> or the User responsible for Metering shall be known in this Metering Code as the Registrant in respect of such Metering. The User responsible for Generator Circuits shall be known as the Interested User.</p>

<p>MC4.2</p> <p><i>This change is to rationalise a MC obligation that the TSO does not enforce due the availability of secure remote interrogation for meters. The obligation is not practicable for interested users that operate remote un-manned generation sites. The proposed changes allow for the TSO to request that an interested user shall still read a meter register locally, but only if the action has been specifically requested by the TSO.</i></p>	<p>MC4.2 Each<u>In the event of a failure of the data links used for remote interrogation the TSO shall inform the</u> Interested User <u>who</u> shall read each meter register in respect of which it is the Interested User, daily at or around midnight a time specified by the TSO, and pass such readings to the TSO as soon as possible thereafter.</p>
<p>MC4.3 - 4.5</p> <p><i>This new obligation is consistent with current TSO practice. This obligation is not adding any additional burden to existing participants. SONI expect all participants to provide a communications link to the TSO specification for Check Meters and Event Recorders.</i></p>	<p>MC4.3 For the purposes of remote interrogation the TSO may use its own data communications network or failing this, shall enter into, manage and monitor contracts to provide for the maintenance of all TSO provided data links by which data is passed from System data collectors or Operational Metering to the TSO. In the event of any fault or failure on such communication lines or any error or omission in such data the TSO shall, if possible, retrieve such data by manual on-site interrogation in accordance with Agreed Procedure No.5 or, as the case may be, No.6 failing which it shall estimate the same in accordance with the relevant Agreed Procedure.</p> <p>MC4.4 <u>For the purposes of remote interrogation an Interested User shall provide its own data communications network or failing this, shall enter into, manage and monitor contracts to provide for the maintenance of all Interested User provided data links by which data is passed from System data collectors or Operational Metering to the TSO.</u></p> <p>MC4.45 Each of the TSO and all Users shall use communications protocols in relation to Metering specified in Agreed Procedure No.7.</p>

MC8.8

The Relevant Meter Operator (who are the experts on metering and have the facility to open metering panels for inspection if required), should be inspecting the meters to a specified frequency.

MC8.8 Inspection and Readings:

MC8.8.1 The TSO shall ensure that all meters forming part of Metering which is subject to the terms of this Metering Code are inspected ~~and read by it or on its behalf by~~ on-site interrogation not less than once every ~~12-36~~ months and shall give the Registrant or the Interested User at least 5 Business Days’ prior notice thereof or such shorter period as the TSO and the relevant User may agree. ~~A failure to notify in accordance with MC8.8.1 shall invalidate the results of any such inspection or reading. Each reading shall be taken at, or as close as is practicable to, the end of a Settlement Period. The Relevant Meter Operator~~TSO shall keep written reports of all such inspections ~~and readings~~ and on request, provide copies to the Registrant or the Interested User for the purposes of MC8.6.1. ~~Any resulting discrepancies will be dealt with as provided in MC10, the relevant Agreed Procedure and the relevant PPA.~~

MC8.8.2 The TSO shall ensure that all the registers of meters forming part of Metering which is subject to the terms of this Metering Code, are interrogated remotely using the data collection system at a frequency not less than once every 12 months. Each reading shall be taken at, or as close as is practicable to, the end of a Settlement Period. Any resulting discrepancies will be dealt with as provided in MC10, the relevant Agreed Procedure and the relevant PPA.

MC8.8.32 The Registrant or Interested User, as the case may be shall have the right to attend any such inspection and reading although the failure to attend shall not prevent such inspection or reading taking place nor invalidate its results. The representative of the Interested User or Registrant shall acknowledge the results of any such inspection or reading in the manner required by the Agreed Procedure.

<p>AGREED PROCEDURE NO. 3</p> <p>METER ADVANCE RECONCILIATION (GENERATION)</p> <p><i>The TSO has upgraded the Data Collection System software and with this upgrade the facility exists to automate the manual process that was carried out annually. The modified process will take place 6 monthly and this will bring additional benefits such as: transparency, more accurate records, defined intervals between registry readings and ease of comparison with other sources of data.</i></p>	<p>1 <u>SCOPE OF THE AGREED PROCEDURE</u></p> <p>1.1 This Agreed Procedure (the "Procedure") covers the collection and processing of tariff meter readings which are taken quarterly <u>once every six months</u> pursuant to MC8.8 and the reconciliation of such meter readings with Settlement Values collected electronically and stored on the Data Collection System. This reconciliation is achieved by comparing the manually <u>remotely</u> read meter register readings with the accumulations recorded in the Data Collection System. Financial adjustments are then made pursuant to the terms of the <u>relevant</u> PPA by use of the Meter Reconciliation Statement.</p>
<p>AGREED PROCEDURE NO. 3</p> <p>METER ADVANCE RECONCILIATION (GENERATION)</p> <p>4 INTERFACE AND TIMETABLE INFORMATION</p> <p><i>This change specifies the modified process for Advanced Meter Reconciliation.</i></p>	<p>See Appendix A</p>
<p>AGREED PROCEDURE NO. 4</p> <p>METER ADVANCE RECONCILIATION (NON NIE CUSTOMER)</p>	<p>1. SCOPE OF PROCEDURE</p> <p>1.1 This Agreed Procedure (the "Procedure") covers the collection and processing of Tariff Metering readings which are taken at intervals as set out in paragraph 2.2 and the reconciliation of such meter readings with Settlement Values collected electronically and stored on the Data Collection System. This reconciliation is achieved by comparing the manually read meter register readings with the accumulations recorded in the Data Collection System. Financial adjustments are then made pursuant to the terms of the Conditions (applicable to electricity agreements entered into with NIE Energy as <u>the relevant</u> Supplier) by the use of the Meter Reconciliation Statement.</p>
<p>AGREED PROCEDURE NO. 4</p> <p>METER ADVANCE RECONCILIATION (NON NIE CUSTOMER)</p> <p>4 INTERFACE AND TIMETABLE INFORMATION</p> <p><i>This change specifies the modified process for Advanced Meter Reconciliation.</i></p>	<p>See Appendix B</p>
<p>IMPLICATION OF NOT IMPLEMENTING THE MODIFICATION</p>	<p>SONI TSO will be prevented from operating a significantly more efficient process with greater transparency and regularity than the previous process.</p>

FORM SGC1

Please submit the Modification Proposal by fax, post or electronically, using the information supplied above

SONI REVIEWER	This modification is being raised by SONI TSO and reviewed before submission for consultation with the industry.
SONI ASSESSMENT	SONI TSO recommends approval of this modification so that the efficiency benefits can be realised by the TSO and participants.
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