

4.5 MP Form

Modification Proposal – BSCP40/03	MP No: P230 <i>(mandatory by BSCCo)</i>
Title of Modification Proposal <i>(mandatory by originator)</i> : Enabling Interoperability through the use of CoP10 and CoP5 Metering	
Submission Date <i>(mandatory by originator)</i> : 23/12/08	
Description of Proposed Modification <i>(mandatory by originator)</i>	
<p>This Modification Proposal seeks to introduce new requirements to mandate the use of (at a minimum) CoP10¹ or CoP5² metering for sites affected by the proposed modification to the Standard Conditions of the Electricity Supply Licence (see next section).</p> <p>The effective dates and the wording of the Modification will need to reflect the proposed licence change i.e. new connections and meter exchanges from 6 April 2009 but all affected sites by 6 April 2014.</p> <p>The Modification should be worded in such a way that neither precludes nor mandates the solution being used for other areas of the market e.g. Profile Classes 1-4. This would mean that the solution could be extended to include other areas in future, if appropriate, without the need for a further Modification.</p>	
Description of Issue or Defect that Modification Proposal Seeks to Address <i>(mandatory by originator)</i>	
<p>The need for this Modification Proposal arises from the proposed modification to the Standard Conditions of the Electricity Supply Licence. The wording is as follows:</p> <p>“Advanced meters for Non-Domestic Premises [electricity]</p> <p>12.17 This paragraph has effect on and after 6 April 2009 and applies where the licensee installs or arranges for the installation of an Electricity Meter at Non-Domestic Premises where the metering point falls within profile class 5, 6, 7 or 8 as defined in the Balancing and Settlement Code (for this condition only, “relevant premises”).</p> <p>12.18 If paragraph 12.17 applies, the Electricity Meter installed at the relevant premises must be an advanced meter.</p> <p>12.19 For the purposes of this condition, an advanced meter is an Electricity Meter that, either on its own or with an ancillary device, and in compliance with the requirements of any relevant Industry Code, is able:</p> <p>(a) to provide measured electricity consumption data for multiple time periods, and at least half-hourly; and</p>	

¹ Code of Practice for Whole Current Metering of Energy via Low Voltage Circuits for Settlement Purposes

² Code of Practice for the Metering of Energy Transfers with a Maximum Demand of up to (and including) 1MW for Settlement Purposes

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<p>(b) to provide the licensee with remote access to such data.</p> <p>12.20 The licensee must ensure that a Customer supplied with electricity at relevant premises through an advanced meter, or that Customer’s nominated agent, is able to have timely access, on request, to the data provided by that meter.</p> <p>12.21 As from 6 April 2014, the licensee must not supply electricity to any relevant premises other than through an advanced meter.</p> <p>12.22 The prohibition imposed by paragraph 12.21 does not apply where the licensee is unable to install or arrange for the installation of an advanced meter at the relevant premises in question despite taking all reasonable steps to do so.”</p> <p>Following the announcement of these changes an expert group was set up to determine a standard approach to enable Suppliers to demonstrate compliance with the proposed Electricity Supply Licence condition and to facilitate effective market operation and interoperability for Profile Classes 5 to 8. An operational framework has been developed to this effect (Attachment A).</p> <p>The framework developed states that the requirements in paragraphs 12.17 and 12.18 should be met by installing CoP10 or CoP5 compliant meters into premises affected by the licence change. These meters would be capable of providing Half Hourly interval data, although Metering Systems will continue to be settled under the Non Half Hourly arrangements, unless the Supplier chooses otherwise. The installation of CoP10 and CoP5 metering in these sites should be mandated as the solutions to interoperability issues detailed in the framework rely on this standard approach.</p>	
<p>Impact on Code <i>(optional by originator)</i></p> <p>Section L Metering, 2.2. Type of Metering Equipment</p>	
<p>Impact on Core Industry Documents or System Operator-Transmission Owner Code <i>(optional by originator)</i></p> <p>None.</p>	
<p>Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties <i>(optional by originator)</i></p> <p>None.</p>	
<p>Impact on other Configurable Items <i>(optional by originator)</i></p> <p>None.</p>	

<p>Modification Proposal – BSCP40/03</p>	<p>MP No: P230 <i>(mandatory by BSCCo)</i></p>
<p>Justification for Proposed Modification with Reference to Applicable BSC Objectives <i>(mandatory by originator)</i></p> <p>This Modification Proposal will better facilitate the achievement of Applicable BSC Objective (c): “Promoting effective competition in the generation and supply of electricity”</p> <p>Mandating the use of CoP10 and CoP5 metering for PC5-8 sites will enable the solutions to interoperability issues related to advanced metering to be implemented effectively. Interoperability aids effective supply competition as it will remove barriers to Supplier and Supplier Agent’s ability to service sites.</p>	
<p>Urgency Recommended: Yes / No <i>(delete as appropriate) (optional by originator)</i></p> <p>No.</p>	
<p>Justification for Urgency Recommendation <i>(mandatory by originator if recommending progression as an Urgent Modification Proposal)</i></p> <p>N/A</p>	
<p>Details of Proposer:</p> <p><i>Name.....Martin Brandt.....</i></p> <p><i>Organisation.....Scottish and Southern Energy.....</i></p> <p><i>Telephone Number.....01256 304304.....</i></p> <p><i>Email Address.....Martin.Brandt@scottish-southern.co.uk.....</i></p>	
<p>Details of Proposer’s Representative:</p> <p><i>Name.....Andrew Colley.....</i></p> <p><i>Organisation.....Scottish and Southern Energy.....</i></p> <p><i>Telephone Number..... 0118 953 4276.....</i></p> <p><i>Email address.....Andrew.Colley@scottish-southern.co.uk.....</i></p>	

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Details of Representative’s Alternate:	
<i>Name.....John Sykes.....</i>	
<i>Organisation.....Scottish and Southern Energy.....</i>	
<i>Telephone Number.....0118 953 4281.....</i>	
<i>Email address.....John.Sykes@scottish-southern.co.uk.....</i>	
Attachments: Yes / No <i>(delete as appropriate) (mandatory by originator)</i>	
Yes	
If Yes, Title and No. of Pages of Each Attachment:	
Advanced Metering Operational Framework: Profile Classes 5 to 8	

4.6 MP Form Guidelines

These guidelines are to be used to assist in the completion of the MP Form, contained in Appendix 4.5. The guidelines state who should complete each item on the form and whether it is mandatory or optional. They also give a brief description of the information that should be given for each item. For further guidance please contact BSCCo.

- **MP No.** – mandatory completion by BSCCo – unique number allocated for each individual MP in the Modification Register.
- **Title of Modification Proposal** – mandatory completion by originator – title of Modification Proposal – should be unique where possible.
- **Submission Date** – mandatory completion by originator – the date on which the originator raised the MP.
- **Description of Proposed Modification** – mandatory completion by originator – a description in reasonable but not excessive detail of the proposed modification and of its nature and purpose.
- **Description of Issue or Defect that Modification Proposal Seeks to Address** – mandatory completion by originator – a description in reasonable but not excessive detail of the issue or defect which the proposed modification seeks to address.
- **Impact on Code** – optional completion by originator – where possible, an initial indication of those parts of the Code which would require amendment in order to give effect to (and/or would otherwise be affected by) the proposed modification and an indication of the nature of those amendments or effects. This will be superseded by the detailed formal Impact Assessments undertaken by the Modification Group that progresses the Modification Proposal.
- **Impact on Core Industry Documents or System Operator-Transmission Owner Code (STC)** – optional completion by originator – initial list of all Core Industry Documents or STC potentially affected by proposed solution(s). Brief details of how each document will be affected should also be included, if known. The list of Core Industry Documents is defined in Electricity Act Licences. This will be superseded by the detailed formal Impact Assessments undertaken by the Modification Group that progresses the Modification Proposal.
- **Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties** – optional completion by originator – where possible, an initial indication of the impact of the proposed modification on BSC Systems and processes and other relevant systems and processes used by Parties. This will be superseded by the detailed formal Impact Assessments undertaken by the Modification Group that progresses the Modification Proposal.
- **Impact on Other Configurable Items** – optional completion by originator – an initial list of all Configurable Items potentially affected by proposed solution(s). Brief details of how each Configurable Item will be affected should be included, if known. This will be superseded by the detailed formal Impact Assessments undertaken by the Modification Group that progresses the Modification Proposal. A definition of ‘Configurable Item’ can be found in section **Error! Reference source not found.** of this Procedure.
- **Justification for Proposed Modification** – mandatory completion by originator – brief description of how the proposed modification would better facilitate achievement of the Applicable BSC Objective(s) as compared with the then current version of the Code.
- **Urgency Recommended** – optional completion by originator – confirmation of whether the originator is recommending that the progression of the Modification Proposal should be expedited as an Urgent Modification Proposal.

- **Justification for Urgency Recommendation** – mandatory completion by originator if recommending progression as an Urgent Modification Proposal – a description of why the progression of the Modification Proposal should be expedited as an Urgent Modification Proposal. This description will be considered by the BSC Panel in formulating its recommendation to the Authority regarding urgency, and by the Authority in determining whether urgency should be granted. When completing this item, the originator may therefore choose to consider the following guidance:
 - The Authority has previously expressed the view that a Modification Proposal should only be treated as an Urgent Modification Proposal if it could not appropriately be treated as non-urgent. The Authority has also expressed the view that Urgent Modification Proposals are likely to exhibit at least one of the following characteristics:
 - a) There is a very real likelihood of significant commercial impact upon the Transmission Company, industry parties, or customers if a Modification Proposal is not urgent;
 - b) Safety and security of the network is likely to be impacted if a Modification Proposal is not urgent; and/or
 - c) The Modification Proposal is linked to an imminent date-related event.

Please note that the above areas represent guidance only, and are not definitive criteria. There may therefore be occasions where a Modification Proposal is deemed to be urgent by the Authority even where it does not exhibit these characteristics (or, conversely, be deemed non-urgent where one or more of the characteristics is exhibited). If urgency is not being recommended, this item on the MP form should be left blank.

- **Proposer's Details** – mandatory completion by originator – the name, organisation, email address and telephone number of the proposer. Also, the name and organisation of the person who will represent the Proposer at the BSC Panel on matters relating to the proposed modification proposal and his/her alternate. For the avoidance of doubt, the Proposer's Representative does not need to be an employee of the originator's company.
- **Attachments** - mandatory completion by originator – confirmation of whether any attachments have been submitted together with the MP Form. Where attachments have been included, a list of the titles and number of pages of each of these should be provided. Attachments may be used to provide extra material and information in relation to the Modification Proposal and to expand on the items required in the MP Form.