4.3 CP Form

Change Proposal – BSCP40/02	CP No: CP1474 *Version No: 1.0* *(mandatory by BSCCo)*

Title (mandatory by originator)
Updating the CoMC processes to facilitate the elective HH Settlement of SMETS Meters

Description of Problem/Issue (mandatory by originator)

Ofgem published its 'Elective half-hourly settlement: conclusions paper' on 26 May 2016. One of the priority areas identified was Change of Measurement Class (CoMC) for smart Meters. The conclusions paper notes that improving the CoMC processes will make it cheaper and faster for domestic and smaller non-domestic customers to electively switch to Half Hourly (HH) Settlement.

The existing CoMC processes are not appropriate for smart Meters where the Supplier is responsible for configuring and collecting data from the Meter. The existing processes tend to focus on two scenarios:

- where a physical change of the Metering System is required to facilitate the CoMC, which requires a sit visit; and
- where an advanced Meter is installed, requiring an exchange of communication and password details.

Smart Meters can collect both HH and Non Half Hourly (NHH) data. Therefore, on a CoMC for a Supplier-serviced Metering System, the Supplier (or the Supplier's service provider) will only need to stop collecting meter register readings and start collecting HH Metered Data (or vice versa).

Ofgem asked ELEXON and the Master Registration Agreement Service Company (MRASCo) to chair a cross-code working group, to look into the CoMC changes needed to enable the elective HH Settlement of smart Meters. These changes will apply to:

- Meters that comply with version one of the Smart Metering Equipment Technical Specifications (SMETS1), whether enrolled by the Data Communication Company (DCC) or not; and
- Meters that comply with version two (SMETS2) and higher versions.

ELEXON formed the Change of Measurement Class for Smart Meters Working Group (CSMWG) to discuss these changes and develop a solution. The CSMWG considered two options in detail, with both approaches making revisions to the existing CoMC processes. The first option was to produce a new Meter Technical Details (MTDs) data flow for Meter Operator Agent (MOA)-to-MOA transfer for elective HH Meters. The second option was to retain a NHH Meter Operator Agent (NHHMOA) for elective HH Meters. The CSMWG opted to progress the option, as this would result in less change for Suppliers and Supplier Agents. In particular, it would result in minimal change for those Suppliers and Supplier Agents who do not wish to

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participate in the elective HH Settlement.

This Change Proposal (CP) sets out the changes required to Balancing and Settlement Code (BSC) subsidiary documents required to implement the new process.

Proposed Solution (mandatory by originator)

This CP proposes to amend the CoMC processes for smart Meters moved to elective HH Settlement, as per the option recommended by the CSMWG. The key changes are that:

- the NHHMOA will remain appointed when the Meter is settled HH; and
- steps for a Meter exchange are removed.

The Supplier will record the MOA as HH in the Supplier Meter Registration Service (SMRS), but will retain the services of the NHHMOA operationally. The NHHMOA data flows (D0149 'Notification of Mapping Details' / D0150 'Non Half-Hourly Meter Technical Details') will be used during the CoMC processes and whilst the Meter is settled HH.

This change also introduces new terms to differentiate between the existing and the new CoMC processes introduced by this CP. These terms are:

- 'HHDC-serviced Metering System' for the existing CoMC processes which apply to non-SMETS Meters; and
- 'Supplier-serviced Metering System' for the new CoMC processes (introduced by this CP) which apply to SMETS Meters.

To implement these changes, revisions are required to six Balancing and Settlement Code Procedures (BSCPs) (set out in the 'Configurable Items Affected' section below and attached). A high level summary of the required change to each BSCP is outlined below:

- BSCP501 'Supplier Meter Registration Service':
    - introduction of the term 'Supplier-serviced Metering System' into the BSCP; and
    - additional footnote that provides guidance for the Supplier to record the MOA as HH in the SMRS via the D0055 'Registration of Supplier to Specified Metering Point' and D0205 'Update Registration Details' for a Supplier-serviced Metering System, although the Supplier will retain the services of the NHHMOA.
- BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS':
    - introduction of the terms 'HHDC-serviced Metering System' and 'Supplier-serviced Metering System' into the BSCP;
    - changes to the naming of the existing CoMC processes (for non-SMETS Meters) to note they are for HHDC-serviced Metering Systems;
    - changes to highlight process steps that do not apply for Supplier-serviced

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Metering Systems;

- changes to make sending the D0302 'Notification of Customer Details' optional for Supplier-serviced Metering Systems;
- additional process for the current Supplier to collect the final Meter reading on a Change of Supplier (CoS) for Supplier-serviced Metering Systems; and
- new CoMC processes for Supplier-serviced Metering Systems for NHH to HH and for HH to NHH, and in both cases for coincident / non-coincident with a CoS.

- BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'
  - introduction of the terms 'HHDC-serviced Metering System' and 'Supplier-serviced Metering System' into the BSCP;
  - changes to the naming to the naming of the existing CoMC processes (for non-SMETS Meters) to note they are for HHDC-serviced Metering Systems; and
  - new CoMC processes for Supplier-serviced Metering Systems for NHH to HH and for HH to NHH, and in both cases for coincident / non-coincident with a CoS.

- BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS'
  - introduction of the terms 'HHDC-serviced Metering System' and Supplier-serviced Metering System' into the BSCP;
  - changes to the naming of the existing CoMC processes (for non-SMETS Meters) to note they are for HHDC-serviced Metering Systems;
  - changes to highlight process steps that do not apply for Supplier-serviced Metering Systems;
  - changes to make the sending of the D0302 optional for Supplier-serviced Metering Systems;
  - new CoMC processes for Supplier-serviced Metering Systems for NHH to HH and HH to NHH, and in both cases for coincident / non-coincident with a CoS;
  - optional processes for sending the D0302, D0215 'Provision of Site Technical Details', D0303 'Notification of Meter Operator, Supplier and Metering Assets installed/removed by the MOP to the MAP' and D0312 'Notification of Meter Information to ECOES' (unless changes to content);
  - changes to apply NHH timescales to elective HH Metering Systems for MOA activities such as Meter exchanges; and
  - other changes to reflect that Supplier rather than MOA reading and configuring

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Meters.

- BSCP533 'Appendix B: PARMS Calculation Guidelines'
    - introduction of the term 'Supplier-serviced Metering System' into the Appendix; and
    - note added to Performance Assurance Reporting and Monitoring System (PARMS) Serials HM11 'Timely Sending of HH MTDs to HHDCs' and HM12 'Missing HH MTDs' that when a D0155 'Notification of Meter Operator or Data Collector Appointment and Terms' is received with a Retrieval Method of 'S' (Supplier sourced Half Hourly smart meter readings), it should be excluded from reporting.
- BSCP537 'Appendix 1 Self Assessment Document (SAD)'
    - introduction of the terms 'HHDC-serviced Metering System' and 'Supplier-serviced Metering System' into the Appendix;
    - changes to Section 9 'HHDC' to identify different process requirements between HHDC-serviced Metering Systems and Supplier-serviced Metering Systems;
    - changes to Section 13 'SVA HHMOA' to identify that they are responsible for HHDC-serviced Metering Systems; and
    - changes to Section 14 'SVA NHHMOA' that they are also responsible for Supplier-serviced Metering Systems (in addition to NHH Metering Systems).
- BSCP537 'Appendix 2 Testing Requirements'
    - introduction of the new DXXXX and DYYYY flows (introduced by DTC CP 3496 'Changes to support the implementation of the SRAG recommendations') into the Appendix.

Justification for Change (mandatory by originator)

The proposed changes revise the CoMC processes for smart Meter settled HH, and streamline the processes. In the updated processes there will be no need to change the MOA (it remains NHH) when a smart Meter moves to elective HH Settlement. This streamlines the process for a reverse CoMC (HH to NHH), as a NHHMOA is already appointed. As a NHHMOA is appointed, it is also possible to use existing NHH data flows (D0149 / D0150) and avoids the need to switch to HH MTDs when the Meter is elective HH. Using existing data flows means minimal system changes required for Suppliers or Supplier Agents. These changes will remove barriers to the elective HH Settlement of data from smart Meters. Ofgem is keen to remove these barriers by early 2017.

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To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? (mandatory by originator) BSC Section J 'Party Agents and Qualification Under the Code' BSC Section S 'Supplier Volume Allocation' BSC Section S: Annex S-1 'Performance Levels and Supplier Charges' BSC Section S: Annex S-2 'Supplier Volume Allocation Rules' BSC Section Z 'Performance Assurance' No anticipated impacts on the current provisions of the Code.
Estimated Implementation Costs (mandatory by BSCCo) £240 (one ELEXON man day) to implement the necessary document changes.
Configurable Items Affected by Proposed Solution(s) (mandatory by originator) BSCP501 'Supplier Meter Registration Service' BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS' BSCP533 'Appendix B: PARMS Calculations Guidelines' BSCP537 'Appendix 1 Self Assessment Document (SAD)' BSCP537 'Appendix 2 Testing Requirements'
Impact on Core Industry Documents or System Operator-Transmission Owner Code (mandatory by originator) None anticipated.
Related Changes and/or Projects (mandatory by BSCCo) None (other changes under the BSC and elsewhere are being made to facilitate elective HH Settlement, but none relate directly to this CP).

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Requested Implementation Date (mandatory by originator)

29 June 2017 (June 2017 Release)

Reason:

The June 2017 implementation will align with the process changes for CP1469 'Changes to support the implementation of the SRAG's recommendations' and the availability of amended and new data flows that will be created by DTC CP 3496.

This Implementation Date also meets Ofgem's target date for removing barriers to elective HH Settlement by early 2017.

Version History (mandatory by BSCCo)

Version 1.0 was raised by ELEXON on 14 October 2016

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