

Change Proposal – BSCP40/02	CP No: CP1409 <i>Version No: v0.1</i> <i>(mandatory by BSCCo)</i>
Title <i>(mandatory by originator)</i> Change of Measurement Class process for advanced Meters	
Description of Problem/Issue <i>(mandatory by originator)</i> <p>Electricity supply standard licence condition 12 requires that by 6 April 2014 Suppliers must not supply electricity at any Metering Point in Profile Classes (PCs) 5 to 8 other than through an advanced Meter. From that date the Change of Measurement Class (CoMC) process from Non Half Hourly (NHH) to Half Hourly (HH) is likely to involve a NHH Meter which is already HH capable (assuming that the majority of Metering Systems changing from NHH to HH will be PCs 5 to 8). In most cases a change of Meter will not be needed and in many cases a site visit by the Meter Operator Agent (MOA) will not be required. Whilst the current BSC Procedure (BSCP) processes make some allowances for a CoMC with no change of Meter, they do not fully embrace the possibility that a CoMC can take place without the need for a site visit by the MOA.</p> <p>As such, ELEXON was asked to review the CoMC process by the Profiling and Settlement Review Group (PSRG) to ensure that the complexity (real or perceived) of the CoMC process does not act as a barrier to elective HH Settlement. Issue 49 'Change of Measurement Class (CoMC) process for advanced Meters' was raised on 24 June 2013 to look into this issue.</p>	
Proposed Solution <i>(mandatory by originator)</i> <p>The Issue 49 Group agreed that prior to the potential implementation of P272 'Mandatory Half Hourly Settlement for Profile Classes 5-8', the following needed to be addressed, which form the solution for this change:</p> <ol style="list-style-type: none"> 1) Clarify the appointment process options. It was recognised that there are two options currently adopted by Suppliers for aligning appointments with the effective date of the CoMC: <ul style="list-style-type: none"> • Master Registration Agreement (MRA) Working Practice 66 - Suppliers appoint the HHMOA (formally via the Data Transfer Catalogue (DTC) or informally) so that the HHMOA can determine whether a site visit is needed and arrange the visit. The remaining agents are then appointed/de-appointed once the CoMC date is firm (or has taken place); or • Suppliers appoint and de-appoint agents and then back-out and send revised appointments/de-appointments if the date changes. 2) Introduce a requirement on the HHMOA to include the time of the initial register reading sent to the HHDC as well as the date. This will allow the HHDC to estimate zero for Settlement Periods prior to the Meter replacement/re-configuration. 3) Include an explicit reference to the transfer of commissioning details. It was agreed that in the transfer of information from the NHHMOA to the HHMOA, more emphasis should be given to the obligation on the MOA for the commissioning details (evidence of the date and that commissioning is complete) to be included alongside the Meter Technical Details (MTDs). 	

- 4) Clarify that a notification of removal of the NHH Meter should be sent whether the Meter is physically removed or not. This was originally raised as an issue by the BSC Auditor as it was arguable as to whether the notification of removal was required. However, the Group agreed that the process of the NHHMOA sending the D0150 'Non Half Hourly Meter Technical Details' flow to the HHMOA should be standardised, including a clarification that the flow should be sent to notify that the Meter has been removed or is no longer NHH.
- 5) Remove the requirement to disable HH functionality on HH to NHH CoMC.
- 6) Remove the requirement in BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' section 3.1.4.8 for NHHDCs to send the P0028 100kW Demand Report to the Panel. It was noted that NHHDCs do not send these reports to the Panel. The report has thousands of sites on it which is meaningless for the Panel to view in that form and so this requirement serves no useful purpose.

Justification for Change (*mandatory by originator*)

- 1) Will provide clarity for agents on the two different approaches adopted by Suppliers and so should improve interoperability.
- 2) If HH data is already being recorded on the advanced Meter, there is a risk that the HHDC will allocate energy for the whole day to the Supplier, resulting in double-counting if the final NHH reading is taken later than midnight (start of day). This would result in the customer being billed twice for the energy.
ELEXON carried out some calculations on the materiality of the issue based on possible numbers should P272 be approved. The calculations took an average energy value for half a day for each Suppliers' PCs 5 to 8 customers, which was designed to take into account the double counting of energy between midnight and the re-configuration of the meter to HH (on the assumption that the advanced Meter has recorded HH data for the whole day). The error was then redistributed according to NHH market share. The result showed that the worst affected Supplier would pay £221k.
- 3) Although BSCP514, 2.2.2(c) includes a requirement to transfer commissioning details on change of MOA, this is particularly relevant for CoMC. This is because the HHMO needs to know whether a site visit is required in order to perform commissioning.
- 4) Even if the NHH Meter is not being removed physically, the D0150 serves as notification to Suppliers, agents and Meter Asset Providers (MAPs) that records of the NHH Meter should be closed.
- 5) The requirement is inappropriate as even if a Metering System changes from HH to NHH, the Supplier may still wish to provide HH data to the customer for energy management purposes.
- 6) This is a redundant requirement which is never actioned and so there is no valid reason for it to remain.

Overall, the Issue 49 Group agreed that it would be useful and of value for Parties to have some clarification on the issues addressed prior to the potential implementation of P272.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? (*mandatory by originator*)

Section J 'Party Agents'
Section S 'Supplier Volume Allocation'

Estimated Implementation Costs *(mandatory by BSCCo)*

One ELEXON man day of effort to implement the redlined changes. One ELEXON man day equates to £240.

Configurable Items Affected by Proposed Solution(s) *(mandatory by originator)*

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'

Impact on Core Industry Documents or System Operator-Transmission Owner Code *(mandatory by originator)*

None identified.

Related Changes and/or Projects *(mandatory by BSCCo)*

CP1410 'Transfer of Outstation Level 3 Passwords for advanced Meters'
CP1411 'Remove Exemption from Proving Tests for Code of Practice 10 Metering Systems'
Issue 49 'Change of Measurement Class (CoMC) process for advanced Meters'.
P272 'Mandatory Half Hourly Settlement for Profile Classes 5-8'

Requested Implementation Date *(mandatory by originator)*

Requested implementation for 6 November 2014 as part of the November 2014 BSC Release.

Reason: Next available Release.

Version History *(mandatory by BSCCo)*

v1.0 of CP1409 was issued on 7 April 2014.

Originator's Details:

BCA Name.....**Claire Anthony**.....

Organisation.....**ELEXON Ltd**.....

Email Address.....claire.anthony@elxon.co.uk

Telephone Number.....**020 7380 4293**.....

Date..... **13 March 2014**.....

Attachments: Y/N

CP1409_BSCP502_redlined_v0.1 (4 pages)

CP1409_BSCP504_redlined_v0.2 (9 pages)

CP1409_BSCP514_redlined_v0.2 (21 pages)