

4.3 CP Form

Change Proposal – BSCP40/02	CP No: CP1559 <i>Version No: 1.0</i> <i>(mandatory by BSCCo)</i>
Title (mandatory by originator) Complex Sites Process Improvements	
Description of Problem/Issue (mandatory by originator) Issue 88 – ‘Clarification of BSC Arrangements relating to Complex Sites’ , raised by Elexon, sought to clarify ambiguities related to the Complex Site process, and identify areas for improvement. The four main areas that Issue 88 looked into were: <ol style="list-style-type: none"> 1. Combining multiple boundary points into a single Supplier Volume Allocation (SVA) Metering System (i.e. totalisation) may not be consistent with the BSC; 2. It is unclear in which complex site arrangements netting can occur; 3. The concept of ‘site’ is not clearly defined; and 4. General process inefficiencies. <p>This CP focuses on the Issue 88 workgroup’s recommendations related to point 4 above – ‘general process inefficiencies’. The workgroup determined that:</p> <ul style="list-style-type: none"> • The Complex Site Supplementary Information Form (CSSIF) is not explicitly mandated, resulting in crucial information being missed from non-standard CSSIF’s and creating challenges for Half Hourly Data Collectors (HHDCs) to interpret differing formats of CSSIF. • The CSSIF has not been amended since its creation resulting in key information not being included in the form. The workgroup suggested a number of improvements that are described below. • The current process does not make clear that a Single Line Diagram should be included with the transmission of the CSSIF resulting in challenges for the HHDC to ensure that all relevant circuits have been correctly accounted for and allocated within the Complex Site Rule. • The current process does not make clear that a change in Feeder Status should result in an updated CSSIF resulting in incorrect application of the Complex Site Rule where notification of changes to the Feeder Status of circuits within the Complex Site are not communicated. <p>All of the above can lead to the CSSIF being interpreted differently by different parties. As such, the Complex Site rule is sometimes being applied incorrectly or not being updated when</p>	

there is change of status of the Metering Equipment associated with the Complex Site. This leads to incorrect data being submitted to Settlement. Metering Systems comprised within a Complex Site are often submitting large quantities of energy into Settlement. Lack of clarity in the Complex Site process increases the chance of errors associated with these MSIDs, which has resulted in large scale Trading Disputes.

Proposed Solution (mandatory by originator)

The Issue 88 Workgroup recommended the following improvements to the Complex Site process:

- Mandating the use of the CSSIF;
- Creation of a new standardised CSSIF, the format of which was determined by the workgroup as below:
 - Addition of an Effective from/to date;
 - Addition of all associated Metering System Identifiers (MSIDs) to highlight the relationship between Boundary connected and embedded MSIDs;
 - Removal of duplicate fields between the ‘D0268 – Half Hourly Meter Technical Details’ market message and the CSSIF;
 - Addition of a Smart Meter indicator;
 - Addition of a ‘comments box’;
 - Addition of ‘method of calculation’ where compensation has been applied (i.e dynamically in the Meter or as a fixed constant in the Complex Site Rule);
 - A field for the user to sign when the CSSIF has been signed;
 - Addition of a version number; and
 - Changed format from Microsoft Word to Microsoft Excel.
- Clarifying that an electrical Single Line Diagram of the site should be included and transferred along with the CSSIF.
- Clarifying that a change in Feeder status requires a new and updated CSSIF to be sent.
- Clarify that as part of the Complex Site Validation Test both the raw metered data and aggregate of the Complex Site Rule should be sent from the HHDC to the Half Hourly Meter Operator (HHMOA) and both sets of this data checked and confirmed before the validation test is considered ‘passed’.

The Retail Energy Code (REC (version 2)) went live on 1 September 2021 as part of Ofgem’s Retail Code Consolidation Significant Code Review, which required a cross-code package of change. [P420 ‘Retail Code Consolidation Significant Code Review’](#) amended the BSC for this and, amongst other things, moved the SVA MOA arrangements from the BSC

to the REC. Consequently [BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS'](#) was transferred to the REC and implemented as part of the REC Metering Operations Schedule at that point.

The aspects of [BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#) that are proposed to be amended as part of this CP will be progressed under the BSC Change Process. The Complex Site processes as they relate to MOAs are now governed under the Retail Energy Code (Metering Operations Schedule). The complex site process is the same across both documents (as it is a duplication of the process for MOAs and HHDCs); therefore, any changes to BSCP502 will need to be reflected in the REC. As such, this Change Proposal will be progressed in parallel with the equivalent change in the REC ([R0018 'Complex Sites Process Improvements'](#)).

Justification for Change (mandatory by originator)

Implementing the changes recommended by the Issue 88 Workgroup will address the inefficiencies highlighted as part of the root cause analysis in the aforementioned Trading Disputes and protect Settlement against further errors within the Complex Site process.

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 L 'Metering'](#)

Estimated Implementation Costs (mandatory by BSCCo)

<£2k

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

- [BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#)
- Creation of a new BSCP502 Appendix A 'Complex Site Supplementary Information Form'

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

- Retail Energy Code Metering Operations Schedule

Related Changes and/or BSC Releases (mandatory by BSCCo)

[Issue 88 'Clarification of BSC Arrangements relating to Complex Sites'](#)

Requested Implementation Date (mandatory by originator)

3 November 2022 as part of the November 2022 standard BSC Release

Reason:

The next available release following the June 2022 release (avoided due to a high volume of significant change already scheduled for June 2022).

Version History (mandatory by BSCCo)***Originator's Details:***

BCA Name: Christopher Day

Organisation: Elexon

Email Address: Christopher.day@elexon.co.uk

Telephone Number: 020 7380 4267

Date: 22 February 2022

Attachments:

- BSCP502 Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' redlining
- New BSCP502 Appendix A 'Complex Site Supplementary Information Form'