Change Proposal – BSCP40/02	CP No: CP1416 *Version No: v0.1* *(mandatory by BSCCo)*

Title *(mandatory by originator)*

Remotely disabled smart Meters

Description of Problem/Issue *(mandatory by originator)*

Meters complying with the Smart Metering Equipment Technical Specifications (SMETS) will have a function to remotely disable a customer's supply. This functionality is also available in a sub-set of advanced Meters.

A remotely disabled smart Meter will not be de-energised under the Balancing and Settlement Code (BSC) definition. BSC Section X Annex X-1 defines de-energisation as:

"in relation to any Boundary Point or Systems Connection Point (or the Plant or Apparatus connected to any System at such a point) the movement of any isolator, breaker or switch or the removal of any fuse whereby no electricity can flow at such point to and from a System; and "**de-energised**" shall be construed accordingly;"

In the case of a remotely disabled smart Meter, electricity will continue to flow to and from the 'system' (in this case the distribution network). This will allow the smart Meter to be enabled remotely. As a remotely disabled Meter can still be read, the Supplier will be able to retrieve zero advances. As such, there is not the same need to exclude Estimated Annual Consumption (EAC) values from aggregation runs as there is for de-energised sites.

A mechanism is required for the Supplier to notify the Non Half Hourly Data Collector (NHHDC) of readings from remotely disabled sites, so that zero advances do not fail validation. This is included in the validation changes in CP1417 'Reading validation for smart Meters'.

Licensed Distribution System Operators (LDSOs) may need to know whether a Metering System is remotely disabled, but will able to determine this from the Meter itself, via the Data and Communications Company (DCC).

Proposed Solution ***(****mandatory by originator)*

Add a clarification to the energisation and de-energisation processes in BSC Procedure (BSCP) 504 'Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' and BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS' to the effect that a remotely disabled smart or advanced Meter shall be treated as energised for the purpose of Settlement.

Justification for Change *(mandatory by originator)*

This change has been reviewed by a joint BSC-Master Registration Agreement (MRA) working group looking at consequential changes arising from the mass roll-out of smart metering.

ELEXON has received enquiries which suggest that there is confusion about the status of remotely disabled smart (and advanced) Meters for Settlement purposes. Once Suppliers start to use the disablement function, there will need to be a consistent approach to how Suppliers and their agents treat disabled Meters in relation to the energisation status of the relevant Metering Systems.

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 S 'Supplier Volume Allocation' Annex S-1
Section S 'Supplier Volume Allocation' Annex S-2
Section X Annex X-1

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)*

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)*

Directly related changes:

- CP1417 'Reading validation for smart Meters'

Other smart metering changes –

- CP1415 'Reading submission frequency for smart Meters'
- CP1395 'Distribution of Configuration Details for smart Meters'

Requested Implementation Date ***(mandatory by originator)***

26 February 2015 as part of the February 2015 BSC Release.

Reason: The change will be implemented at the same time as other smart Metering consequential changes, such as CP1395 and be ready in good time for Initial Live Operation of the DCC, which is planned for December 2015.

Version History ***(mandatory by BSCCo)***

v1.0 of CP1416 was issued on 7 July 2014.

Originator's Details:

BCA Name……..……..…..…….

Organisation……...…….ELEXON Ltd……..…….

Email Address……elexon.change@elexon.co.uk ……

Telephone Number……..…020 7380 4100…….…….

Date…… 10 June 2014……..

Attachments: Y/~~N~~

CP1416_BSCP504 redlining v0.1 (*5 pages*)
CP1416_BSCP514 redlining v0.1 (*8 pages*)