

Change Proposal – BSCP520

CP No: 1292
Version No: 1.0
(mandatory by BSCCo)

Title (mandatory by originator)

Clarify Meter Administrator requirements relating to PECU arrays.

Description of Problem/Issue (mandatory by originator)

Background

Meter Administrators were included in the scope of the BSC Audit for the first time in the 2006/7 Audit. The BSC Auditor raised six market issues in respect of Meter Administrators (MAs). These were:

- Utilisation of incorrect / unapproved standing data (Issue 2012);
- Lack of audit trail over MA settlement impacting information (Issue 2013);
- Performance and Monitoring of Photo Electric Cell Unit (PECU) arrays (Issue 2014);
- BSCP/PSL inconsistencies (Issue 2016);
- Incorrect Calculation of Consumption – passive and dynamic meters (Issue 2017); and
- Continuity of Meter Administrator duties (Issue 2018).

A Meter Administrator Expert Group (MAEG) was set up to address these issues. The MAEG believed a walkthrough of BSCP520 ‘Unmetered Supplies Registered in SMRS’ would help to resolve some of the concerns highlighted by the Auditor. The MAEG conducted a number of walkthroughs of BSCP520 via a page turn process.

The Issue

During the BSCP520 walkthrough the Meter Administrator Expert Group (MAEG) identified that additional clarity is needed for Meter Administrator requirements relating to PECU (Photo-Electric Cell Unit) arrays.

Proposed Solution (mandatory by originator)

As a result of the walkthroughs, the group recommend changes to several sections of BSCP520 to address Audit issues. Attachment B includes all the changes and at the end of the walkthrough.

Additionally, ELEXON suggested a few changes to the BSCP520 with rationales stated below (the section numbers of the changes are shown in brackets):

- Rewording to clarify the MA’s obligations and to make reference in other sections of this document (section 1.2.1)
- Changes to add clarity to the MAs role and extend the factors that can be considered when deciding the location of the PECU array (section 4.5.1.1);
- Renumber section 4.5.1.2 and update the requirements on the type of PECU that can be used as a requirement for maintenance upkeep of the PECU arrays;
- Renumber section 4.5.2.1 and clarify that this is the minimum specification and remove unnecessary items; and
- Minor change to make this section consistent with the rest of BSCP520.

Attachment A shows the detailed changes suggested by the MAEG.

Justification for Change *(mandatory by originator)*

In order to ensure that Half Hourly (HH) Unmetered data is calculated accurately, it is essential to have clear requirements for siting, upkeep and defaulting processes for PECU array data. This CP proposes changes to the BSCP520 to add clarity and remove the potential of doubt about the correct process, which is essential for the BSCP user. Additionally, the amended BSCP520 will provide a clearer guidance to the Auditor in terms of the expectations on the Meter Administrator following PECU or PECU Array failure.

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 S8.

Yes, the CP does facilitate the current provisions of the Code by ensuring that the detailed requirements are clear and consistent.

Estimated Implementation Costs *(mandatory by BSCCo)*

The estimated ELEXON implementation cost is approximately 2.5 man days, which equates to £550.

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

BSCP520

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

None

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

There are two further CPs that will progress the MAEG work: CP1290 and CP1291

Additionally, work has been progressed through the UMSUG to add correct defaulting regime data to the Operation Information Document (OID) to help address Issue 2012 referred to above. The default switch regime has now been added to the Switch Regime Spreadsheet (Column AB) on the ELEXON website: [Switch Regime Spreadsheet](#).

There are also a number of other Unmetered Supplies CPs are currently being progressed. These changes will also impact BSCP520, although due to the nature of the changes they are unlikely to affect the same sections. The UMS CPs are:

- CP1256 - Action on Backdated D0052 flows (approved for the June 2009 Release);
- CP1257 - Calculation of EAC for Temporary Supplies (approved for the June 2009 Release);
- CP1272 - Use of Appointment and Termination Flows in Unmetered Supplies (approved for the June 2009 Release);
- CP1277 - Change to UMS Charge code Approval Process (approved for the June 2009 Release);
- CP1285 - Unmetered Supplies: Clarification of Central Management System requirements (we expect to present CP1285 to the SVG for decision in June 2009); and
- CP1267 - Registration of UMSOs and MAs in SMRS (we are considering an amended solution, which we expect to issue for impact assessment in June 2009).

Requested Implementation Date (*mandatory by originator*)

November 2009 Release, as this is the next available release.

Version History (*mandatory by BSCCo*)

V1.0 raised as a result of BSCP40 issue 3

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Attachments: Yes

Attachment A: Redline changes to BSCP520 v1.0 (5 pages)

Attachment B: Walkthrough report of BSCP520 v1.0 (20 pages)