

<p align="center">Change Proposal – BSCP40/02</p>	<p align="center">CP No: CPXXX</p> <p align="center"><i>Version No: 1.0</i> (mandatory by BSCCo)</p>
<p>Title (mandatory by originator)</p> <p>Updating BSCP520 to address operational issues in the Central Management System</p>	
<p>Description of Problem/Issue (mandatory by originator)</p> <p>BSCP520 ‘Unmetered Supplies Registered in SMRS’¹ details the requirements for Unmetered Supplies (UMS) in the Supplier Meter Registration Service (SMRS). It explains that Metering data for Settlement purposes shall be derived utilising either an Equivalent Meter (EM) providing Half Hourly (HH) data or an Estimated Annual Consumption (EAC) per Metering System Identifier (MSID). The Metering data is recorded and dynamically controlled in the Central Management System (CMS).</p> <p>The CMS are dynamic controls which manage the electrical load of UMS equipment that can operate at multiple on/off time and/or dimming levels. The electrical loads are recorded as events, which are used by a Meter Administrator (MA) to calculate consumption data for Settlement. This form of Settlement is known as dynamic HH Settlement. Further, the CMS has a subset system called the Measurement Central Management Systems (mCMS), which uses feedback from an active measuring device to dynamically control and manage the electrical load used by UMS Apparatus².</p> <p>Both the CMS and mCMS have their respective testing and approval process, which is one of the requirements any interested party must satisfy before they are granted the approval to use the CMS.</p> <p>However, the BSC does not currently contain a clear guidance on how CMS and mCMS applications are approved and, when faults are detected, does not provide guidance on how they are reported.</p>	
<p>Proposed Solution (mandatory by originator)</p> <p>The Proposer seeks to update BSCP520 to contain a clearly outlined CMS approval and fault reporting process. This change seeks to include the following areas in BSCP520:</p> <ol style="list-style-type: none"> 1. The test specification document will set out the tests to be completed and the approval process for a CMS and mCMS; and 2. The fault reporting and resolution process will be clearly outlined, guiding the relevant Parties on who should report faults and when these faults should be reported. 	

¹ <https://www.elexon.co.uk/csd/bscp520-unmetered-supplies-registered-in-smrs/>

² All equipment in which electrical conductors are used, supported, or of which they may form part.

<p>Justification for Change (mandatory by originator)</p> <p>If this change is not progressed, there is a risk that the CMS will contain incorrect data as a result of a fault. Further, the likelihood of CMS/mCMS not undergoing the required testing process will be high, thus introducing a risk of a non-compliant CMS/mCMS being used to record Metering data.</p> <p>The inclusion of a clearly detailed test approval and fault reporting process will ensure that the current perceived risks to Settlement in relation to how HH energy is calculated and represented, is reduced.</p>
<p>To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? (mandatory by originator)</p> <p>Section S ‘Supplier Volume Allocation’³</p>
<p>Estimated Implementation Costs (mandatory by BSCCo)</p> <p>Less than £1,000 to update the relevant impacted documents.</p>
<p>Configurable Items Affected by Proposed Solution(s) (mandatory by originator)</p> <p>BSCP520 ‘Unmetered Supplies Registered in SMRS’</p>
<p>Impact on Core Industry Documents or System Operator-Transmission Owner Code (mandatory by originator)</p> <p>This change is not expected to impact any Core Industry Document.</p>
<p>Related Changes and/or Projects (mandatory by BSCCo)</p> <p>No related changes.</p>
<p>Requested Implementation Date (mandatory by originator)</p> <p>3 November 2022 as part of the standard November 2022 BSC release</p> <p>Reason:</p> <p>This is the next available BSC Release this change can target, to ensure that the expected benefits are achieved as soon as practicable.</p>
<p>Version History (mandatory by BSCCo)</p>

³ <https://www.elexon.co.uk/the-bsc/bsc-section-s-supplier-volume-allocation/>

Originator's Details:***BCA Name:*** Freya Gardner***Organisation:*** Elexon***Email Address:*** Freya.gardner@elexon.co.uk***Telephone Number:*** 020 7380 4107***Date:*** 28 July 2022Attachments: **Yes**

Attachment 1: BSCP520 'Unmetered Supplies Registered in SMRS'