

### 4.3 CP Form

<b>Change Proposal – BSCP40/02</b>	<b>CP No: 1464</b> <i>Version No: 1.0</i> <i>(mandatory by BSCCo)</i>
<b>Title</b> (mandatory by originator)  Requiring HH consumption data to be processed to appropriate precision	
<b>Description of Problem/Issue</b> (mandatory by originator)  <p>The Settlement Reform Advisory Group (SRAG) identified an issue with the data flow granularity for Half Hourly (HH) consumption data. This issue was originally identified by the Profiling and Settlement Review Group (PSRG) and was also noted in BSC Modification P272 ‘Mandatory HH Settlement for Profile Classes 5 to 8’.</p> <p>The issue relates to the fact that smaller customers will need their HH consumption data processed to the nearest Watt hour (Wh). However, the existing data flows for HH site data (D0003, D0275 and D0036) only provide for consumption data to be provided to the nearest 100 Wh.</p> <p>Data Transfer Catalogue (DTC) changes to data flow items (J0177, J0021 and J0281) and HH Agent systems have been raised to allow HH consumption to be declared to the nearest Wh (i.e. to three decimal places).</p> <p>The DTC solution is to change the Logical Format for the data items to allow for three decimal places and update the physical length for each data item. It should be noted that each data item currently has a different ‘Logical Format’, e.g. the J0021 is +/-NUM(8,1) and the J0177 is +/-NUM(7,1).</p> <p>The DTC changes will also require Half Hourly Data Collectors (HHDCs) to ensure their systems have the capability to process and store data to the additional granularity.</p> <p>CP1464 has been raised to require parties processing HH consumption data to use the additional decimal place data if such granularity can be obtained from the Meter. Where this granularity is not available the additional decimal places must be defaulted to ‘00’.</p> <p>It is intended that a separate BSC CP will be raised that will require either Suppliers or HHDCs to process smart Meter data from Meters enrolled in the Data and Communications Company (DCC). Therefore CP1464 will place the granularity requirement on both Suppliers and HHDCs.</p>	
<b>Proposed Solution</b> (mandatory by originator)  <p>This CP would insert a new paragraph in the Appendices of BSCP502 ‘Half Hourly Data Collection for SVA Metering Systems registered in SMRS’ to place an obligation on Suppliers and HHDCs to process data to the nearest Wh where data to that granularity can be obtained from the Meter. Where Wh granularity is not available the additional decimal places must be defaulted to zeroes, i.e. ‘00’.</p>	

<p><b>Justification for Change</b> (mandatory by originator)</p> <p>Settlement accuracy could be impacted if HH data from smart Meters is declared to the nearest 100Wh instead of the nearest Wh. Two potential issues could occur, depending on how Supplier or Supplier Agent systems process HH data:</p> <ul style="list-style-type: none"> <li>• Consumption could be lost in the rounding process; or</li> <li>• Consumption could appear in the wrong Settlement Period if carried over until it reaches 100Wh.</li> </ul>
<p><b>To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?</b> (mandatory by originator)</p> <p>BSC Sections J ‘Party Agents’ and S ‘Supplier Volume Allocation’.</p>
<p><b>Estimated Implementation Costs</b> (mandatory by BSCCo)</p> <p>The central implementation costs will be approximately £240 (one ELEXON man day) to implement the document changes.</p>
<p><b>Configurable Items Affected by Proposed Solution(s)</b> (mandatory by originator)</p> <p>BSCP502 ‘Half Hourly Data Collection for SVA Metering Systems registered in SMRS’.</p>
<p><b>Impact on Core Industry Documents or System Operator-Transmission Owner Code</b> (mandatory by originator)</p> <p>None.</p>
<p><b>Related Changes and/or Projects</b> (mandatory by BSCCo)</p> <p>MRA - DTC CP3492 ‘Increasing the precision of data items relating to Half-Hourly (HH) Advances’</p>
<p><b>Requested Implementation Date</b> (mandatory by originator)</p> <p>29 June 2017 (June 2017 Release).</p> <p><b>Reason:</b></p> <p>To meet the expectations of Ofgem on the progression of changes relating to elective HH Settlement by early 2017. This date is also aligned with the progression of the associated DTC changes on increasing the precision of data items relating to HH Advances.</p> <p>There may also be a dependency on the time required for HHDCs and/or Suppliers to update their systems to process and store data to the required granularity.</p>
<p><b>Version History</b> (mandatory by BSCCo)</p> <p>Version 1.0 for industry consultation.</p>

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Attachments: N\* (If Yes, No. of Pages attached: .....)

*(delete as appropriate)*