

Change Proposal – BSCP40/02	CP No: CP1415 Version No: v0.1 (mandatory by BSCCo)
Title (mandatory by originator) Reading submission frequency for smart Meters	
Description of Problem/Issue (mandatory by originator) There is a general requirement in Balancing and Settlement Code Procedure (BSCP) 504 ‘Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS’ section 1.2.1 for Non Half Hourly Data Collectors (NHHDCs) to submit all valid Meter readings into Settlement. BSCP504 4.11 allows Suppliers to submit pre-payment readings to NHHDCs at intervals of no longer than three months (where received more frequently from the Prepayment Meter Infrastructure Provider (PPMIP)), so that if customers make frequent prepayment top-ups, Suppliers are not required to process all the associated readings for Settlement purposes. CP1252 ‘Reading Submission Frequency for remote meter readings’ was implemented in February 2009. It was recognised that the increasing deployment of advanced metering would result in more readings being obtained than was previously the case. For example, readings could be retrieved every day for energy management purposes. If all these readings needed to be processed for Settlement purposes, this was likely to have significant capacity and performance implications for NHHDC and Non Half Hourly Data Aggregator (NHHDA) systems and processes. It was likely that the cost to the industry, and ultimately to the customer, would be disproportionate to the increased accuracy of Settlement. CP1252 therefore created an exception (in BSCP504 4.20), whereby NHHDCs would not be required to process readings retrieved more frequently than once every three months for Metering Systems Profile Class (PC) 1 to 4 or more than once a month for Metering Systems PC 5 – 8. This would not prevent the NHHDC from processing more readings if their Supplier wanted them to, nor would it oblige the NHHDC to retrieve readings with these frequencies. The requirements in BSCP504 4.20 have 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. It was agreed that the requirements are relevant for smart Meters as well as advanced Meters. The essential difference is that the choice of which readings to process for advanced Meters sits with the NHHDC, but for smart Meters should rest with the Supplier.	
Proposed Solution (mandatory by originator) Amend the requirements in BSCP504 4.20 so that the decision about which readings to process should be made by the Supplier rather than the NHHDC, in those cases where the Supplier is retrieving the readings (e.g. for smart Meters serviced by the Data and Communications Company (DCC)). A clarification needs to be added that where readings are retrieved by the NHHDC, the NHHDC is not obliged to, but may, process readings more frequently than once a month for Metering Systems in PC 5 to 8 or more frequently than once every three months for Metering Systems in PC 1 to 4 (where retrieved more frequently from the Meter).	

In addition, where readings are retrieved by the Supplier, clarification is needed that:

- the Supplier is not obliged to, but may, send readings to the NHHDC more frequently than once a month for Metering Systems in PC 5 to 8 or more frequently than once every three months for Metering Systems in PC 1 to 4 (where retrieved more frequently from the Meter); and
- the NHHDC is obliged to process all readings received from the Supplier.

These requirements do not prevent the Supplier or NHHDC (as applicable) from retrieving readings less frequently than once a month for Metering Systems in PC 5 to 8 or less frequently than once every three months for Metering Systems in PC 1 to 4.

Justification for Change *(mandatory by originator)*

The changes have been reviewed by a joint BSC-MRA working group looking at consequential changes arising from the mass roll-out of smart metering.

This change will mitigate the risk of incurring excessive costs in Supplier, NHHDC and NHHDA systems and processes to process readings at a frequency that does not materially improve the accuracy of Settlement or that introduces unwanted volatility in Settlement volumes.

The aim of the proposal is to achieve an appropriate balance between improved Settlement accuracy and the costs that would be incurred if an excessive volume of readings were processed.

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 J 'Party Agents'
Section S 'Supplier Volume Allocation'

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'

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

None identified.

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

Other smart metering changes:

- [CP1395 'Distribution of Configuration Details for smart Meters'](#)
- [CP1416 'Remotely Disabled smart Meters'](#)
- [CP1417 'Reading validation 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 CP1415 was issued on 7 July 2014.

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Date..... 10 June 2014.....

Attachments: Y/N

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