

Title: Clarification of the HHDA data anomaly check specified in BSCP 503, Appendix 4.3 subsection 1.F

Description of Change

The specification for the HHDA data anomaly check, 'Measurement Quantity by LLF Class does not match Measurement Quantity defined by HHDC (specified in BSCP 503 'Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS' Appendix 4.3, subsection 1.F), needs to be clarified since the Measurement Quantity ID cannot be derived from the LLFC ID supplied by SMRS. The MDD does not provide any linkage between LLFC ID and Measurement Quantity ID.

This change proposes that the HHDA data anomaly check should be redefined to check that the 'Direction of Energy Flow' attribute of the Measurement Quantity ID, as supplied by the HHDC, matches that derived from the LLFC ID, as supplied by SMRS. The MDD defines a Direction of Energy Flow (J0727) for a Measurement Quantity ID (J0103), which defines its Import/Export attribute. This could also be derived directly from the Measurement Quantity ID since the HHDA will only be dealing with values 'AE' (Active kWh Export (Generation)) and 'AI' (Active kWh Import (Consumption)) for Settlement purposes. The MDD also specifies the MS Specific LLF Class Indicator (J0775) for a LLFC ID (J0147). Values 'A' and 'B' are defined for Import, and values 'C' and 'D' are defined for Export.

An attachment illustrates, in diagrammatic form, the flow of information involved.

This issue was first identified during the investigation of PMR 26038.

Proposed Solution(s)

Replace the present BSCP503 Appendix 4.3 subsection 1.F text of:-

"Measurement Quantity by LLF Class does not match Measurement Quantity defined by HHDC.

Check that the Measurement Quantity defined by the LLF Class for the MSID by SMRS matches the Measurement Quantity associated with the consumption data from the HHDC. If there is a mismatch treat the consumption value as zero and report the anomaly to the HHDC & Supplier".

with the following text:-

"Mismatch in the Direction of Energy Flow information provided by SMRS and HHDC.

Check that the Direction of Energy Flow derived from the LLFC ID (J0147) provided by SMRS, matches the Direction of Energy Flow (J0727) derived from the Measurement Quantity ID (J0103) provided by the HHDC. For the purpose of this check, values of 'A' and 'B' for the LLFC ID's MS Specific LLF Class Indicator (J0775) can be regarded as Import, and values of 'C' and 'D' can be regarded as Export.

If there is a mismatch, treat the consumption value as zero and report the anomaly to the HHDC & Supplier".

Justification for Change

The current wording of this data anomaly check cannot be realised and should be redefined.

Change Proposal – F40/01 (Page 2 of 2)	CP No: <i>(mandatory by BSCCo)</i>
Other Configurable Items Potentially Affected by Proposed Solution(s) None.	
Impact on Core Industry Documents None.	
Related Changes and/or Projects None.	
<i>Originator's Details:</i> <i>BCA Name</i> <i>Organisation</i> <i>Email Address</i> <i>Date</i> <i>[BSC Panel Representative]</i> <i>Organisation</i>	
Attachments: Yes (1 page)	

Diagram illustrating the flow of information being checked

