

Change Proposal – F40/01

CP No: 1072

Version No: 1.0

Title: Optimum Process for Inclusion and Distribution of Data Estimation Method in D0022 Flow

Description of Problem/Issue

This CP describes three closely-related issues, all relating to the requirement on HHDC (in Appendix 4.2 of BSCP502) to inform Suppliers and other participants of the method used for data estimation.

Please note this CP has been raised by ELEXON on behalf of the Supplier Agent Forum.

Issue One:

The Auditor has raised a compliance issue that HHDCs are expected to notify the Supplier and LDSO of the method of estimation used in the D0022 'Estimated Half Hourly Data Report' as specified in BSCP502 section 4.2.3:

The HHDC will provide an Estimated Data Report to the Supplier and, where appropriate, to the LDSO via the D0022 'Estimated Half Hourly Data Report'²⁷ showing full details of data estimations. The report identifies all MSs for which Meter period data has been estimated showing the dates and Settlement Periods affected and details of the estimation methods used.

This does not specify where this information should be stated in the flow, and the D0022 does not have a specific data item for 'Method of Estimation'. The footnote does suggest you can use an alternative method for extra information:

²⁷ Where extra information to that contained on the D0022 is provided by the HHDC, this information must be provided by a method agreed by all parties involved ie. HHDC, HHDA, Supplier and LDSO and an audit trail of such information must be maintained.

Some Agents do not send this information at all and apparently they never get requested for this information. Some Suppliers already receive this information via other agreed methods, or by the use of the additional text field, but this makes it difficult for Suppliers and Agents to automate processes, as different reports are provided to and from different Parties. There is no field to automate the inclusion of the 'method of estimation'.

Issue Two:

An inconsistency exists in that BSCP502 section 4.2, paragraph 3, suggests the HHDC should notify the Supplier, LDSO and HHDA of the data estimation method via the Estimated Data Report, however within the main body of BSCP502, the Estimated Data Report is only sent to the Supplier and LDSO (sections 3.4.1.9 and 3.4.2.5). A further inconsistency exists with PSL130 (1.5.7.3) as this states the report goes to Supplier and LDSO only. The D0022 can currently only be received by the LDSO and Supplier.

Issue Three:

BSCP502 is unclear as to whether Agents are required to report both 'A' and 'E' flag data (section 4.2.3 as described above). This could be interpreted as either all estimation methods used (i.e. both 'A' and 'E' flag data) or just estimated data (i.e. 'E' flag data only).

Change Proposal – F40/01

CP No: 1072

Version No: 1.0

Proposed Solution(s) *(mandatory by originator)*

Issue One:

Analysis and discussion with SAF has identified a number of possible solutions to option 1. It's unclear at this stage which option is best, and it's proposed to seek participant views on this when the Change Proposal is issued for assessment.

Option 1 - Amendment to D0022 data flow to include 'Method of Estimation' as a new data item

Option 2 – (this option could be applied using the BSCP or the SVA Data Catalogue)

Mandate the use of the existing Additional Information field in the D0022 flow to specify the data estimation method used. This could be done in two ways:

1. The use of specific codes in the additional text field, to cover all eventualities
2. The free use of the additional comments box, as currently used by some Agents

Option 3 - Amend the wording in BSCP502 Section 4.2.3 to make it clear that the 'data estimation method' can be provided by any methods that are agreed between the relevant parties (be it D0022 additional comments box, spreadsheets or emails). This could be done by either enhancing the wording in 4.2.3 or by enhancing the footnote.

Option 4 – Make no changes to the BSCP and allow the Suppliers to manage their Agents. ELEXON could produce some guidance, advising Agents and Suppliers to agree how the 'method of estimation' should be communicated.

Option 1 would be the most costly to both Suppliers and Agents but would provide a full solution.

Option 2 would be less costly but would require Agents and suppliers to all use the same codes all of the time. There may also be a problem in that it would reduce the option of adding extra information.

Option 3 would be relatively straightforward and cheap, with only minor changes required. The onus would be on the Supplier and Agents to agree a method and it would provide a greater scope for the report to include other information should either the Supplier or DC wish.

Option 4 is the cheapest option but may not correct the problem/issue.

Issue Two:

There does not appear to be any settlement requirement for HHDA to receive details of the estimation method used. Furthermore, discussion with Suppliers and agents indicates that the HHDA has no need of this data, and is unlikely to use it if they do receive it. It is therefore proposed to remove the requirement to inform the HHDA of the estimation method used from BSCP502. This will ensure that the BSCP is internally consistent (and consistent with PSL130). The change will not of course prevent HHDC from continuing to inform HHDA of this information if required to do so by Suppliers - it simply removes the BSC requirement to do so.

Issue Three:

Change Proposal – F40/01

CP No: 1072

Version No: 1.0

It is proposed to amend the wording in 4.2.3 to clarify that the report need only include estimated data (i.e. 'E' flag data items). This is in line with the intention of the report, and it is also believed that the alternative (of requiring the report to include 'A' flag data within the estimation methods of BSC502 section 4.2.1 and 4.2.2) would be extremely difficult for Agents to implement. Proposed text is as follows:

The HHDC will provide an Estimated Data Report to the Supplier and, where appropriate, to the LDSO via the D0022 'Estimated Half Hourly Data Report'27 showing full details of data estimations. The report identifies all MSs for which Meter period **estimated data ('E' flag data)** has been ~~estimated~~**used** showing the dates and Settlement Periods affected and details of the estimation methods used.

Justification for Change *(mandatory by originator)*

There is a risk to settlements in that if Suppliers are unable to identify and correct any inappropriately applied estimation method, then it is possible that it will not be the best available and most accurate data entering Settlements.

When the process is clear and consistent, Suppliers will be able to better manage their Agents and the data entering Settlements. Suppliers require this information to perform checks on whether the correct estimation method was used by the HHDC in accordance with BSCP502, section 4.2. Suppliers also use this report to identify where and why data has been estimated for a long period for specific MSIDs, in order to take appropriate action to resolve this.

Configurable Items Potentially Affected by Proposed Solution(s)

Impact on Core Industry Documents

Related Changes and/or Projects

Change Proposal – F40/01	CP No: 1072 Version No: 1.0
Requested Implementation Date Reason:	
Agreed Release/Implementation Date <i>(mandatory by BSCCo)</i> <i>June 2005 – This is a provisional date and subject to change dependant on the solution chosen.</i>	
Originator's Details: BCA Name Organisation <i>ELEXON</i> Email Address Date <i>10/08/04</i>	
Attachments: Y/N* (If Yes, No. of Pages attached:.....) <i>(delete as appropriate)</i>	