Change Proposal – BSCP40/02	CP No: 1207
	Version No: 1.0

Title

D0095 reporting in respect of past NHHDCs.

Description of Problem/Issue

The Non Half Hourly Data Aggregation Exception Report (D0095) provides Suppliers with details of anomalies in the data provided to Non Half Hourly Data Aggregators (NHHDA) by Non Half Hourly Data Collectors and Supplier Meter Registration Agents (SMRA).

NHHDCs are appointed on a calendar basis. Therefore whichever Data Collector is appointed on the current date, is the one who has responsibility for a Metering System's history with regards to Annualised Advances (AAs) and Estimated Annual Consumptions (EACs) i.e.: the new DC assumes retrospective responsibility for data provided by previous NHHDCs within the same Supplier Registration.

E01, E02 and E06 exceptions report missing or incomplete consumption to the Supplier. An E01 is reported when no AA or EAC is sent to the appointed NHHDA (from the appointed NHHDC); an E02 when there is a period after the latest AA for which there is no AA or EAC; the E06 when there is a period before the latest AA for which there is no AA.

At present, the NHHDA software will send E01/E02/E06 exceptions to all NHHDCs that have been appointed at any time within the relevant Supplier registration. Change of agent activity can therefore lead to high numbers of duplicate exceptions being generated. The reason for this duplicate reporting is that if the gap in the consumption data is caused by a Failed Instruction (as reported on the Failed Instructions (D0023) flow) then this can only be resolved by the NHHDC that sent the original instruction. In this case the current DC is not in a position to correct the exception by resolving the failed instruction. However, a subsequent appointed NHHDC can resolve it by sending consumption for the period for which it is missing.

Whilst these exceptions are reported in respect of all relevant NHHDCs by design, they inflate the number of exceptions of these types and can thus create operational difficulties for Suppliers and NHHDC in resolving exceptions.

Proposed Solution

The NHHDA Check Data Collector Data (CDCD) functionality generates the D0095 exception report for Suppliers. The proposed solution is to modify the CDCD functionality such that E01, E02 and E06 exceptions are not reported to Suppliers where they relate to past appointed Data Collectors. This means that E01, E02 and E06 exceptions will only be reported for current NHHDCs within the same Supplier Registration as the exception.

Once implemented this change will apply to all new E01, E02 and E06 exceptions; this includes those generated in respect of Settlement Days prior to the implementation date where the Settlement Runs have not been completed.

It should be noted that this change is to the NHHDA software and associated technical documentation. These are Category 2 Configurable Items, and so no redlined text has been provided with this CP.

Justification for Change

In the 2007 BSC Auditor's Report the volume of D0095 exceptions at RF as at 31 March 2007 was 4,092,060. 167,548 of these were E01, E02 and E06 exceptions. A large proportion of E01, E02 and E06 exceptions are reported in respect of past NHHDCs. This requires additional resources for Suppliers to distinguish between material and immaterial exceptions. This incurs extra operational cost. This change will significantly reduce the volume of immaterial exceptions on the D0095 report, improving its effectiveness.

This change was originally presented to the Supplier Volume Group as a potential option to reduce immaterial exceptions in July 2006 (SVG65/03). Following an industry consultation, the SVG agreed (SVG67/05) that there was sufficient support for this option to seek an impact assessment through the change management process.

In the event that the missing consumption data is caused by a failed D0023 flow from a past NHHDC, the instruction can only be addressed by the NHHDC who sent the original failed instruction. However, a subsequent appointed NHHDC can resolve it by sending consumption for the period for which it is missing.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?

Section S 2.4 'Data Aggregators' and Annex S-2, Section 4.4 'Non Half Hourly Data Aggregation'

Estimated Implementation Costs

The BSC Agent implementation cost for this change is £27,300, however the BSC Agent cost of implementation of this change when combined with CP1205 and CP1206 is £44,310. This quote is for implementing the change on the Sun Solaris platform only.

The total estimated ELEXON cost for implementation of this change when combined with CP1205 and CP1206 is £2,640 when included in a formal release.

Configurable Items Affected by Proposed Solution(s)

NHHDA software and technical documentation. Once these changes have been implemented the reset_eusd script will have to be run by participants in order to correct the exceptions within the database. This will ensure that following the implementation of the change, immaterial E01/E02/E06 exceptions for current Data Collectors within the same Supplier Registration will not be reported for Settlement Days falling before and after the Implementation Date of the change.

Impact on Core Industry Documents or System Operator-Transmission Owner Code

None

Related Changes and/or Projects

The implementation of this Change Proposal is linked to:

CP1205   : D0095 reporting of immaterial superfluous consumption.
CP1206   : D0095 reporting of immaterial Supplier inconsistencies

Requested Implementation Date

February 2009 BSC Systems Release.

CP1187 'UNIX Upgrades for NHHDA and EAC/AA' is being implemented in the February 2008 release. Feedback from the Software Technical Advisory Group (STAG) is that it will take NHHDAs approximately one year to upgrade their systems following the implementation of CP1187. Logica have confirmed that it would be able to implement the change in time for the June 2008 release. If this were the case the functional changes would be made to the upgraded Sun Solaris version of NHHDA and not to the previous Tru64 version. Implementing the change to both the Sun Solaris and Tru64 versions of NHHDA is possible, but would incur additional cost and is not included in the Logica CMG quote.

Logica have estimated 7 weeks in total to carry out the work when combined with CP1205 and CP1206**.**

The Software Technical Advisory Group (STAG) have expressed that they do not want any functional changes to NHHDA until February 2009.

Version History

This is version 1.0 for Impact Assessment

Originator's Details:

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Date: 3 August 2007

Attachments: No