

Change Proposal – F40/01

CP No: 1080

Version No: 1.0

Title: Enhancing Supplier and LDSO controls on Unmetered Supplies

Description of Problem/Issue

The BSC Auditor has identified weaknesses in controls over the management of Non Half Hourly Estimated Annual Consumption (EAC) values used for Unmetered Supply (UMS) Metering System IDs (MSIDs) in Settlement.

In the majority of cases the EAC values of UMS MSIDs had not been updated for a considerable period of time. There is therefore a risk that EAC Values for these UMS MSIDs do not accurately reflect their consumption.

This issue is detailed within the BSC Auditor's Report: (http://www.elexon.co.uk/docs/ta/panel/BSC_Auditors/BSC_Audit_Report_SSM.pdf)

The Performance Assurance Board asked that a requirement be introduced to ensure that:

- A) UMS Certificates are reviewed annually and resubmitted to Suppliers and that;
- B) the Unmetered Supplies Operator (UMSO) shall re-issue the UMS EAC(s) for each MSID split by Settlement Register using the appropriate Average Fraction of Yearly Consumption (AFYC) to the appointed Supplier and appropriate Non Half Hourly Data Collector (NHHDC) and that;
- C) confirmation is provided to ELEXON from the UMSO that this process has occurred.

This Change Proposal (CP) aims to aid Suppliers and Licensed Distribution System Operators (LDSOs) in strengthening their controls in this area.

Following discussions at the Distribution Commercial Group (DCG), requirement A above was revised to introduce spreadsheets containing all EACs for each Supplier to ease the comparison of the data. The Code and BSCP520 'Unmetered Supplies Registered in SMRS' requires that UMS Certificates should be maintained and sent from the UMSO to the Supplier, but the UMSO is only required to send the EACs for Unmetered Supplies to the NHHDC. It was therefore felt that to resend these certificates (which are paper and are already held by the Supplier) and expect the Supplier to then compare each certificate with the data held in Settlements (provided by the NHHDC) is inefficient and that by producing a spreadsheet from the information held in the UMSOs systems for this purpose would be more efficient for both the UMSO and Supplier.

The obligation to routinely review and revise EACs has been raised as a separate CP. This CP aims to ensure that the EACs used by the NHHDCs in Settlements are equivalent to those provided by UMSOs.

Requirement 1 below differs from requirement A as it does not require revision of EACs; the spreadsheet would be a list of all EACs currently on the system. If the values were to be reviewed routinely (this will be the subject of another CP) by the UMSO, the annual spreadsheet exercise would be of more worth to the Supplier as he could verify what was actually in Settlement against the spreadsheet with minimal risk of errors due to timing of amended EAC values going through to Settlement.

There are less than 19,000 NHH UMS MSIDs, with a maximum of 4,000 registered by any of 25 Suppliers.

Change Proposal – F40/01

CP No: 1080

Version No: 1.0

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

It is proposed that the following new process be added to BSCP 520 in section 3 as follows:

1. UMS EACs are issued annually for each MSID split by Settlement Register using the appropriate Average Fraction of Yearly Consumption (AFYC) to the appointed Supplier and NHHDC within a spreadsheet (defined as a new SVA Data Catalogue P Flow);
2. UMSOs confirm to ELEXON that this process has occurred (email to ELEXON helpdesk);
3. Suppliers compare the EACs on the spreadsheet from the UMSO with the latest EAC which has been received, via the D0019 (Metering System EAC/AA Data) from the NHHDC (internal process);
4. Where there is a discrepancy, the Supplier instructs the UMSO to resend the D0052 to the NHHDC;
5. NHHDC applies this D0052 to Settlements as per BSCP504 (Non Half Hourly Data Collection).

It would be necessary that the month within which this process was carried out was the same for all LDSOs, in June each year. Suppliers and LDSOs are requested to comment on the proposed month for this process to take place.

The spreadsheet in requirement 1 above would contain appropriate information (predominately that contained on the D0052, with a column highlighting whether a UMS Certificate is held) for each NHH UMS MSID (also known as a Meter Point Administration Number, or MPAN) that is used for Settlement purposes. It would be used by Suppliers to compare the data held within settlement with that provided by the UMSO. The data item UMS Certificate Present has been included as a data item on the flow to aid Suppliers identify where UMS Certificates are missing, so that Suppliers can work to obtain certificates where they are missing. Participants are requested to comment whether this data item would be useful.

Spreadsheet data items for each NHH UMS MSID to be contained in the new P Flow:

- MSID
- Effective From Settlement Date {EACDC}
- Profile Class ID
- Effective From Settlement Date {MSPCDC}
- Measurement Class ID
- Effective From Settlement Date {MSMCDC}
- Standard Settlement Configuration Id
- Effective From Settlement Date {SCON}
- GSP Group Id
- Effective From Settlement Date {MSGGDC}
- Time Pattern Regime, group 1
- Estimated Annual Consumption
- Effective From Settlement Date {EACDC}
- Time Pattern Regime ID
- Estimated Annual Consumption
- Effective From Settlement Date {EACDC}
- UMS certificate present (T or F)

Change Proposal – F40/01

CP No: 1080

Version No: 1.0

The Supplier should resolve any discrepancies, and by determining the root cause of the error, amend the relevant controls to ensure they are sufficiently robust.

The obligation on UMSOs and Suppliers to perform this process should be detailed in sections 1.2.1 (UMSO Responsibilities), 1.2.2 (Supplier Responsibilities) and 1.3.4 (Calculation and Issuing of EACs) of BSCP520.

It is also recommended that the BSC Auditor is asked to include a sample review of Suppliers' work to cross check UMSO and D0019 EACs in their scope.

Justification for Change (*mandatory by originator*)

This issue contributed to the qualification of the Audit Opinion for the period ending September 2003. The BSC Auditor noted that the corrective action of one LDSO resulted in an estimated error of 70,000 MWh being uncovered and that this error was not correctable. The BSC Auditor also noted that this error was based on actions taken in one Grid Supply Point Group (GSPG) only and that it was not possible to quantify the potential error arising within the other GSPGs until the necessary review and implementation of corrective action had taken place. Therefore, the error associated to this issue across all GSPGs could be significant.

The BSC Auditor recommended that ELEXON consider the instigation of a review of all UMS EAC values held in Settlement, and that controls over the regular assessment, transfer and confirmation of EAC values from UMSOs be strengthened.

The implementation of this change will assist ELEXON and the industry in addressing the BSC Auditor's recommendations and will better enable Suppliers and LDSOs to strengthen their controls in this area. This change will also aid ELEXON in performing checks to identify whether revised UMS EACs have been submitted into Settlement.

ELEXON will be carrying out a one off exercise later in 2004 to compare the values the UMSO has calculated and what is currently entering Settlement by querying the NHHDA databases. This CP represents part of ELEXON and the PAB's initiative to help ensure that these values remain accurate on an ongoing basis.

Change Proposal – F40/01	CP No: 1080 Version No: 1.0
Configurable Items Potentially Affected by Proposed Solution(s) BSCP520 (Unmetered Supplies Registered in SMRS); SVA Data Catalogue.	
Impact on Core Industry Documents	
Related Changes and/or Projects	
Requested Implementation Date Next available release. Reason: This issue contributed the qualification of the Audit Opinion for the year ending September 2003 and was again noted as a key issue within the Audit Status report for this period. This change will help Suppliers in ensuring that accurate consumption estimates are used in Settlement.	
Agreed Release/Implementation Date <i>(mandatory by BSCCo)</i>	
Name	Rajita Suxena
Organisation	ELEXON
Email Address	Rajita.suxena@elexon.co.uk
Date	23/08/04
Attachments: Y/N* (If Yes, No. of Pages attached:.....) <i>(delete as appropriate)</i>	