XRN5236 - Modification 0734 - Reporting Valid Confirmed Theft of Gas into Central Systems (Interim Solution)

High Level System Solution
Impact Assessment

Change Overview

XRN5236: Modification 0734 - Reporting Valid Confirmed Theft of Gas into Central Systems

The high-level requirement of Modification 0734 is to ensure that valid confirmed theft data received from Suppliers via the Retail Energy Code Company (RECCo), is appropriately reported into central systems. Theft claims raised by Suppliers via RECCo need to be managed and processed following the implementation of Modification 0734 (date TBC). There is a request from the Modification Workgroup to consider implementation in April 2022 however the Modification implementation date has not been confirmed. To confirm, the enduring solution for Modification 0734 / XRN5236 is proposed to be within scope of the CMS replacement service which is still being developed and a implementation date / approach is yet to be agreed. Based on this, an interim solution which is detailed within this HLSO has been provided to be implemented ahead of the CMS replacement service.

High Level Requirements:
- CDSP to receive [monthly] consolidated Supplier theft Claims or Withdrawals from RECCo.
- Theft Claims or Withdrawals received by the CDSP must be issued to the relevant Shipper(s) registered against the site at the time of the theft as per UK Link.
- Where there is no objection, CDSP to progress the theft Claim or Withdrawal into settlement. This could be achieved by:
    - Supplier matching the theft period to the Meter Reads within UKL and CDSP progress the Consumption Adjustment (CA) for the theft to be reflected in settlement as per current process
    - CDSP align theft Claim to the most appropriate Meter Reads within UKL where the theft period does not match reads in UK Link and the CDSP progress the CA as per current process
    - Where there is no end Meter Read for the theft Claim period the CDSP will insert a 0 incrementing estimate Meter Read
    - Where there is no meter recorded in UK Link for the theft period, the Claim should be processed manually.
- CDSP need the ability to process a theft Withdrawal which 'withdraws' a previous Claim

Solution Options

1	Enhancement to the legacy CMS TOG process to include these functionality

Option 1 - High Level Impact Assessment

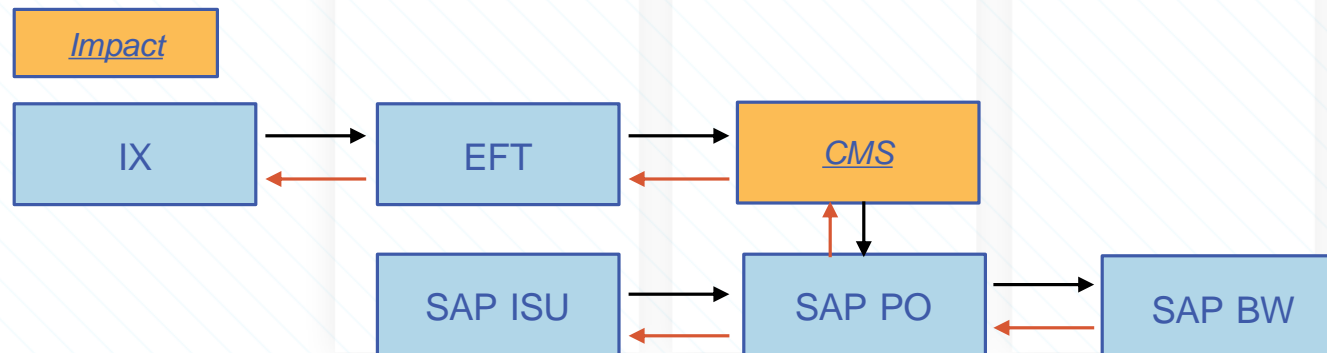## 1 - Enhancement to the legacy CMS TOG process to include the Modification 0734 functionality

CMS
- Build a new file based interface onto CMS to receive the monthly TOG file from RECCo
- Enhance UI to pull read data from UK Link to validate the information provided in file from RECCo
- Enhance the contact creation program to generate the RECCo TOGs and assign to relevant Shippers
- Build a screen / functionality to 'Accept' / 'Object' the 'Theft Claim'
- Enhance the existing adjustment processing functionality to settle the 'Theft Claims'
- Inclusion of 'Theft Claim' to a new 'RTB Template' in order to reverse any previous claims
- Generate a monthly Report on the Theft Process on submissions and resolved Contacts from CMS and provided to RECCo
- Remove Shipper access to generate TOG via current CMS route
- Build any other Theft Reports for Business Team

Resource
Additional FTE Resource required to manage the enhanced process

Impacted Systems	Assumptions

Impacted Systems

Assumptions
- RECCo will send the monthly file over email and a CDS user shall upload it into CMS
- The number of Withdrawals of previous thefts would be minimal
- Advance communication shall be sent to Shippers on taking away Shipper access
- Closure of the existing Shipper raised TOGs are considered in the Cut Over approach of the solution
- If the meter is not available on UK Link, theft will be processed via RTB
- RECCo file will have less than 5K thefts per month
- Requirements for any PAC reporting on this process ned to be confirmed
- The high level cost estimate includes the costs for implementing and managing the process for a 12 month period.
- If the interim process is required for a further 12 month period, there is an expected monthly charge of 6 -7k

Overall Impact	Release Type	High Level Cost Estimate
Medium	Stand alone	£135,000 - £175,000

Option 1 - System Impact Assessment

	Reports	Interface	Enhancements	Workflow
System Component:	CMS	RECCo TOG email, Adjustment Interface	Adjustment Process - Medium	TOG Work Flows - High
Impacted Process Areas:	TOG	TOG Interface	Consumption Adjustment processing	TOG Work Flow, Shipper Contact assignment, CDS Contact assignment
Complexity Level:	Low	Medium	Medium	High
Change Description:	A new report to be produced from CMS and issued to RECCo	An email will be received with the new file and will be uploaded to CMS.	Existing consumption adjustment process to be enhanced to find out the appropriate reading in UK Link to process the adjustments.	A new workflow to be created to assign the contacts to Shippers. Including the ability for Shippers to accept or challenge the assignment.

	CMS	ISU	AMT	DES
Test Data Prep Complexity:	Medium	Low	N/A	N/A
Unit and System Test Complexity:	Medium	Low	N/A	N/A
Pen Test Impact:	N/A	N/A	N/A	N/A
Regression Testing Coverage:	Medium	N/A	N/A	N/A
Performance Test Impact:	N/A	N/A	N/A	N/A
Market Trials:	N/A	N/A	N/A	N/A
UAT Complexity:	High	Low	N/A	N/A

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts
SPA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Metering (Reads)	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reconciliation	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Capacity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Other	n/a	n/a	n/a	n/a	n/a	n/a	0n/a
Rolling AQ	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Formula Year AQ	n/a	n/a	n/a	n/a	n/a	n/a	n/a
RGMA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSS Processes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CMS	**Medium**	**Yes**	**No**	**Yes**	**Yes**	**No**	**No**