



XRN4941 - Modification 0692 - Auto Updates to Meter Read Frequency

High Level System Solution
Impact Assessment

Change Overview

XRN4941 - Modification 0692 - Auto Updates to Meter Read Frequency

This change has been raised in line with the ongoing development of MOD0692 which looks to grant the CDSP permission to update a Supply Meter Point's (SMP) Meter Read Frequency (MRF) under the following circumstances:

- 1) Where a SMP AQ increases past the threshold of 293,000KWh and site is not on a monthly meter read frequency, the MRF should be set to Monthly
- 2) Site has either a Smart or AMR meter installed and is not on a monthly meter read frequency, the MRF should be set to Monthly

XRN is in development alongside Modification 0692, any fundamental changes to this Mod could amend the scope of this change and effect delivery timescales.

Solution Options

1

Amend the Meter Read Frequency as part of a successful Rolling AQ calculation (Monthly or Correction) and Asset Updates.

Option 1 - High Level Impact Assessment

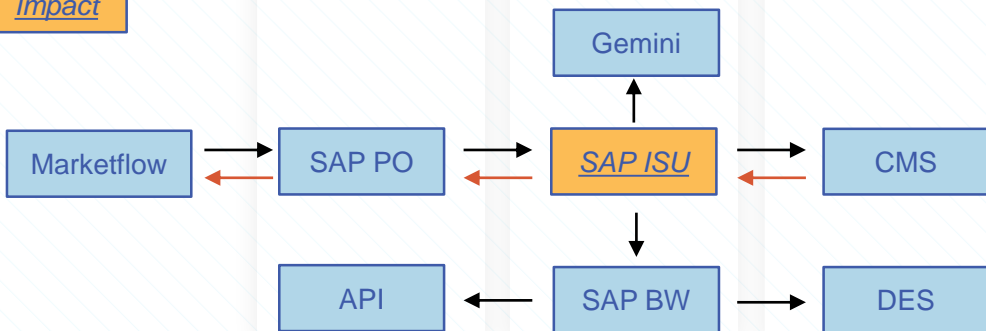
1 - Amend Meter Read Frequency as part of a successful Rolling AQ calc (Monthly/Correction) and Asset Updates

As part of this change, the Meter Read Frequency will be updated as part of AQ Updates above 293,000 kWh. Below are the list of changes:

- Rolling AQ and AQ Correction needs to be updated to provide a trigger whenever there the AQ goes above the threshold value of 732,000 kWh.
- New report needs to be developed to update the Meter Read Frequency for AQ and asset updates. AQ updates can be checked from the trigger and asset changes will be scanned from the system. The updates will be done post AQ and Asset Live date.
- New Report needs to be developed for the cutover in order to align all the Meter Read Frequency for the entire UK Link portfolio. MRF updates via SPA process will take precedence over the data cleansing activity during cutover.

Impacted Systems

Impact



Assumptions

- Market Trials costs are not considered.
- Performance Testing will be required.
- Only Class 4 sites are in scope.
- Shippers will be notified on M-7 via NRL for the AQ change where MRF needs an update.
- Shippers will be notified with RGMA flow responses for the asset updates.
- Sites which have a decrease in AQ from 293,000 kWh remain As Is.
- Meter Read Estimation will not be done.
- New Report to update the MRF needs to be aligned with Capacity/Commodity runs(in terms of batch timings).

Overall Impact

Medium

Release Type

Major

High Level Cost Estimate

20,000 - 30,000 GBP

Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
System Component:	SAP ISU	SAP ISU					
Impacted Process Areas:	RGMA	SPA/AQ					
Complexity Level (per RICEFW item):	Low	Medium					
Change Description:	<ul style="list-style-type: none"> • New report to update the MRF for the AQ and asset Updates • New report to be developed for data cleansing during cutover 	Trigger to be created from below processes. <ul style="list-style-type: none"> • Rolling AQ • AQ Correction 					

	ISU	BW	PO / Marketflow	DES	CMS	AMT	API
Test Data Prep Complexity:	Medium						
Unit and Sys Test Complexity:	Low						
Pen Test Impact:	No						
Regression Testing Coverage:	Medium						
Performance Test Impact:	Yes						
Market Trials:	No						
UAT Complexity:	Low						

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	Med	No	No	No	No	No
Metering (Reads)	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
Invoicing – Capacity	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
Invoicing – Amendment	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
Rolling AQ	Med	No	No	No	No	Yes
Formula Year AQ	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
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a
Other (Specify)	n/a	n/a	n/a	n/a	n/a	n/a