



**XRN5379 – Class 1 Read Service Procurement
Exercise (Modification 0710)**

High Level System Solution
Impact Assessment

Change Overview

XRN5379: Class 1 Read Service Procurement Exercise (Modification 0710)

The current contracts for the Class 1 Read Service between the DNOs and the Daily Metered Service Providers (DMSPs) will expire on 31 March 2023. From 01 April 2023, **UNC Modification 0710** and **IGT Modification 148** will be implemented, and a new contract must become effective between the CDSP and the appointed Class 1 Service Provider. To ensure this happens, a procurement process is required to appoint a Service Provider (SP) and put in place a new contract. As required by the Modifications, it is the responsibility of the CDSP to appoint the new SP on behalf of Shippers, to provide the Class 1 Daily Read Service, from 01 April 2023 onwards.

Daily Reads: The CDSP will continue to receive a Daily Read file (DLC file) containing start and end of previous Gas Day readings from the SP, every day, for every in-scope Class 1 site. There should be no functional change to this service apart from the party sending the DLC file (depending on the outcome of the procurement process which is still in progress). The DLC file structure, mechanism to send and validation will remain as is. As will any response back to the SP.

Charging for the daily read service: Currently the DMSPs send a monthly 'file' (Excel spreadsheet via email) to the CDSP detailing the Class 1 meter read charges and the Class 1 Meter rental charges for the month. This currently applies the relevant Transportation charges by Network. This is collated and issued out by the CDSP on a UK Link invoice (ADP) on behalf of the Transporters. As the service will no longer be procured by the Transporter, once the new contract is in place, the CDSP cannot issue the charge out via a UK Link invoice.

Going forward (following the implementation of XRN5379), Shippers will be charged for the Class 1 read services through the DSC Specific Service Invoice. New DSC Specific charges will need to be created to charge for this service. As per the process for DSC Specific Service charges, these will be added to the CDSP Annual Charging Statement.

Additional Read services (Within-Day, Retrospective, Annual): The CDSP will be required to manage requests received from a DN or Shipper for the provision of additional read services: Within-Day service (DN and Shipper), Retrospective Within-Day service (Shipper) and Annual Report (DN).

Solution Option

1

CDSP to enable the provision of the new DM Read Service and charging via the DSC Specific Service invoice

Option 1 - High Level Impact Assessment

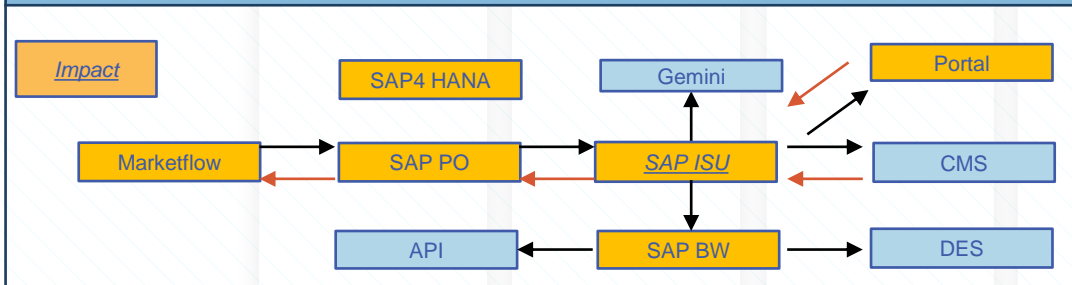
1. CDSP to enable the provision of the new DM Read Service and charging via the DSC Specific Service invoice

Activities required (dependent on the procurement event outcome):

1. Set up activities for successful bidder –
 - 1.1 SAP ISU – Creation of Service Providers, agreements and associated DATEX
 - 1.2 Portal – User creation & DMSP roles assignment
 - 1.3 AMT – Configuration of the OrgID and associated role mapping
2. If required, de-activate any DMSP – SAP ISU, Portal & AMT Marketflow processes
3. Re-profiling the Class 1 sites to the successful bidder – Data cleanse required in PIS phase
4. New internal MI Performance Report – SAP BW or SAP BO
5. Cessation of specified charges being calculated in UKLink – P01, P02, P03, P04, N66, N67, 823
 - 5.1 BAL Template updates

- 5.2 RTB Template updates
- 5.3 Monthly Charge Calculation code change for P03 -->ADP Invoice
- 5.4 MIF Supporting Information code change
- 5.5 Portal Incentives updates
- 5.6 LIA Supporting Information change
6. Configuration / development of invoicing via SAP4 HANA to include Class 1 Read Services
7. DMV File Duplicate received via IX/EFT and stored outside of UK Link.
8. IX/EFT Gamma and Maven configuration for SP if required.
9. Integration testing for the SP ahead of implementation.

Impacted Systems	Assumptions / Clarifications
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- Successful bidder will be assigned / associated at LDZ/Exit Zone level.
- Successful bidder will have IX capability ready for Go-live.
- Inbound and outbound DLC process will remain as is
- Liability report from UK Link to DMSP will remain as is except where stipulated
- DMSP portal screens and it's functions will remain as is.
- As the current service must be invoiced a month in arrears, a cutover plan must be discussed within detailed design to determine how this will work post implementation of the new contract on 1st April 2023.
- Assessment of common code objects, with other processes e.g. FSG/GSOS, to be made in Detailed Design
- As of Go Live (1st April 2023) CDSP will only receive and process DM reads from the successful bidder of the Class 1 read service provider procurement activity Changes will be made to the RTB & BAL templates to restrict upload of P01, P02, P04, N66, N67 charges. Needs to be factored into cutover plan.
- The successful SP will use the existing File Transfer mechanism to share the DMV file. The SP will place an additional copy in the IX from where, EFT can extract and store in CDSP SharePoint
- Cutover needs to factor in impacts of processing of historical files including historical adjustments
- UAT included in costs. Scale and costs of Integration Testing with successful bidder tbd. Market Trials are out of scope of estimation.
- Cost estimate factors in 1 month of PIS to cover first usage for file processing, invoicing and Incentives.
- AMT Marketflow changes included in costs.
- MTB costs may be impacted depending on Detailed Design output
- Actual costs may vary due to changes in requirements and/or scope.
- Procurement exercise activities and potential service provider SP implementation costs are out of scope of this estimate.

Complexity	Recommended Release Type	High Level Cost Estimate
Medium	Stand-alone	<p>Implementation cost - £70,000 to £150,000 GBP</p> <p>Ongoing cost – There will be ongoing DSC Specific Service charge(s) for the Class 1 Read service which needs to be determined once the successful bidder is appointed.</p> <p>Please note, we anticipate there will be an uplift in CDSP ongoing costs for additional operational activities, procurement and account management actions for the new service and contract. These costs will be confirmed following detailed design and the procurement exercise completion.</p>

Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	BW / BO	n/a	n/a	SAP ISU, S4HANA	n/a	n/a
Impacted Process Areas:	n/a	n/a	n/a	SPA, Billing	n/a	n/a
Complexity Level (per RICEFW item):	Low	n/a	n/a	Medium	n/a	n/a
Change Description:	Internal MI Report for Class 1 Reads	n/a	n/a	Data Cleansing Job, Supporting information, S4HANA invoicing Dev / Configuration	n/a	n/a

	ISU	BW/BO	PO	AMT	DES	Portal
Test Data Prep Complexity:	Medium	Low	Low	Low	Low	Low
Unit and System Test Complexity:	Medium	Low	Low	Low	Low	Low
Pen Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Regression Testing Coverage:	Medium	n/a	Low	Low	Low	n/a
Performance Test Impact:	Medium	Low	n/a	n/a	n/a	n/a
Market Trials:	n/a	n/a	n/a	n/a	n/a	n/a
UAT Complexity:	Medium	Low	Low	Low	Low	Low

