



Modification 0647 – Solution Options / Requirements

Objectives of Modification 0647

- UNC modification 0647 proposes to open existing Class 1 Supply Meter Points to competition by introducing common arrangements for Class 1 and 2 by removing the DNO obligation to provide a Daily Read service to Shippers for non-telemetered Class 1 Supply Meter Points (SMPs).
- Obligations for obtaining and submission of the Meter Reading for the Supply Meter Points currently within Class 1 will reside with Shipper Users.
- To enable DNOs to obtain flows and pressure readings to operate their system, DNOs require the right to install dataloggers at Class 1 Supply Points.

Overview

- The obligations to obtain Meter Readings for Class 1 and Class 2 SMPs are placed on Distribution Networks and Shippers respectively.
- DNs discharge this through the DMSP (Daily Metered Service Provider).
- The systems are configured to reflect the different providers of the readings; validations prevent a Shipper taking action or receiving data related to provision of readings on Class 1 SMPs.
- Equivalent validations means only the relevant Shipper can perform activities / receive data for Class 2 SMPs.

Current Class 1 Process

- The DMSP (Daily Metered Service Provider) submits Meter Readings within the DLC (Daily Read Equipment Reads) File on a daily basis to the CDSP. These are provided on D+1, where D is the Gas Flow Day (GFD).
- These Meter Readings are processed on the first run at 09:30. The last exception run for late reads submitted by the DMSP is at 15:00.
- The first notification of these Meter Readings to Shipper Users is within the MDR (Daily Datalogger Reading) File submitted from the CDSP to Shipper Users at 12 noon. The second MDR is issued at 14:00.
- Any actual readings received are provided to Gemini at 14:00 and 15:30.

Current Class 2 Process

- The Shipper provides the Meter Reading within the UDR file on a daily basis to the CDSP. These are provided on D+1 by 15:00.
- Any actual readings received are provided to Gemini at 15:30.

Option 1 - Retaining the SMPs as Class 1 within UK Link systems

- The UDR (Class 2 Reads File from Shipper to CDSP) will need to be amended to allow Class 1 SMPs to be submitted via this route. This requires amendments to the validations within the UDR.
- Currently the DLC and MDR Files contain the meter and converted indexes, the UDR requires all three indexes (this is being considered in Change Request (XRN????)).
- Class 1 SMP Meter Readings will only be accepted where a datalogger asset is recorded. This requires further assessment.
- The 'Xoserve Services Portal' restricts access and validates who may perform activities – limitations on User Type applied based on Class e.g. DMSPs for Class 1.
- Existing CMS logic routes contacts based upon the Class – e.g. adjustments for Class 1 would get routed to DMSPs on receipt, in future the Shipper would raise these with CDSP and straight into the adjustment processes.
- Other impacts that may be identified with more detailed analysis

Option 2 - Retaining the principle of the Class 1 Requirement, but utilising Class 2 in UK Link systems for Supply Meter Points meeting the Class 1 Requirement

- The batch processing of the Class 2 Meter Readings submitted via the UDR is 15:00 at D+1; however Shipper Users obtaining the Meter Readings negates the requirement for the MDR to be issued to Shippers. Consideration should be given, subject to analysis, to utilising availability within the batch schedule to introduce an early UDR batch for the priority Class 2 (those meeting the Class 1 Requirement) SMPs to mitigate risk around propagation of data to Gemini.
- Converted, Unconverted and Meter indexes must be submitted on the UDR file (subject to XRN???? above).
- Validations exist on Class 1 SMPs within SPA – for example, where the Class 1 Requirement is met (e.g. interruptible SMP) the UK Link system will not currently accept a nomination other than for Class 1. Therefore these validations will not be required and will need to be removed.

Others...?

- Shipper to submit a DLC – this was disregarded owing to the magnitude of change this would bring for the following reasons:
 - Shipper Users would be required to build and submit an additional file
 - The UK Link Network gateway would need to be reconfigured to receive the files
 - All validations (CMS and Portal) would need to be considered and amended
- Others?

Preliminary Assessment of Options

- It is assumed, pending full impact assessment, that the solution option to move the SMPs into Class 2 is the option which requires least change across the industry and to core systems whilst still meeting the modification objectives.
- Preliminary analysis indicates that neither option impacts on Gemini.

Matters for discussion

- Solution 2: Risk related to provision of readings via UDR – whilst SMP volumes are low in Class 2 at this time, there is a risk that the need to differentiate where the Class 1 Requirement exists in order to prioritise SMPs. Suggestion to create an earlier UDR run for prioritised submission of these SMPs. **Submission of Readings by end of D+1 doesn't seem appropriate for these SMPs.**
- Solution 2: It is assumed that a flag is NOT required to highlight that the SMP is subject to the Class 1 Requirement – as these will be visible to Shipper Users as part of nomination / response processes.
- Generic: Distribution Networks may not always exercise the right to install reading equipment. It is assumed that there is no requirement to record where GT equipment is present at the Supply Meter Point on UK Link systems for provision to Shippers at a Change of Shipper event.

Other requirements?

- Testing?
- Transition?
- Reporting?
- Non Functional Requirements?