

Initial Response to Change Analysis Request

for

Advanced Meters

This document is Xoserve's initial response to the above Analysis Request.

The response is intended to support the Proposers involvement in the development of industry changes.

Should the request obtain approval for continuance then it should be returned to Xoserve at

[Give box account details](#)

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PART A

Xoserve's Understanding of the Proposal

Xoserve's understanding of the proposal:

Note: this document represents initial assessment and does not constitute full analysis of the subject matter. Further analysis would be required prior to a recommendation to the industry on any solutions.

Change Drivers (the problem):

Transporters are not obliged to retain details of Advanced Metering Arrangements, it was proposed that a separate record be retained by a central service provider not the Transporter Agency and Shippers would interrogate these records via the internet upon change of Shipper event.

This solution has not delivered the solution anticipated; therefore it is considered that there are circumstances in which inefficiencies arise in relation to asset installations during the change of Shipper process.

In the circumstance that Shipper B transfers a Meter Point into their portfolio from Shipper A. Shipper B has no way of identifying whether Advanced Meter equipment is present at site upon receipt of the Meter Information provided to the incoming Shipper by the Transporter on the Meter Reading Information (MRI) File as this is not held on Transporter System so this cannot be provided.

Shipper B may then contracts an Advanced Meter Operator Organisation (AMOO) to install an Advance Meter to their newly registered Meter Point. The AMOO visits site to report that an Advanced Meter has already been installed by another AMOO on behalf of Shipper A, and therefore Shipper B has incurred the costs associated with an ultimately aborted visit.

Change Overview:

The proposer of this change considers that recording the presence of the Advanced Meter equipment and the identity of the AMOO would improve the efficiency of the process by reducing the costs associated with wasted site visits.

There are several potential options to address the provision of presence of Advanced Metering and the AMOO.

Retention of Advanced Meter Operator Organisation

- 1) A distinct Role type to accommodate AMOO ID to identify organisation in ownership of Advance Meters
 - Transporter Agency create AMOO role on central systems – Changes to industry data models including central systems.
 - Amendment to input and output flows to include new role code as allowable value/including new role type Id.
 - AMOO to register with Transporter Operator to gain a three digit Short Code
 - Shipper to update UK Link with AMOO

- 2) Other 'Tactical' options to include extension of SMSO Id field to include and register AMOO ID
 - New Meter Mechanism Code maybe required to differentiate between Smart Meter and Advance Meter, if AMOO to utilise SMSO Id field (point 1)

Presence of Retention of Advanced Metering Equipment in Central System

- 1) Maintain equipment as a new asset class
 - Changes to industry data models, including central system
 - Amendment to input and output flows to include allowable valve for meter asset

- Required updates via RGMA: Governance change

2) Other tactical options to, include a new Meter Mechanism Code within UK Link to identify Advanced Meter on site

- Shipper would be responsible for updating UK Link with Advanced Meter Mechanism Code
- No Validation carried out against Meter Serial Number

Benefit Case Impacts to other industry parties:

The Proposer considers that communication of the Metering arrangements at site may reduce the costs and resources associated with aborted visits and would therefore benefit the industry parties involved. Furthermore it may also benefit end consumers by reducing the inconvenience associated with erroneously planned visits.

By introducing the ability into central system to register the presence of Advanced Metering Equipment and/or AMOO IDs, this will increase the efficiency of installing Advance Meters against Live MPRNs between transferring Shipper.

- Any issues with installed Advanced Meters the AMOO would be traceable via the centralised database
- Suppliers utilising this service would benefit from a more cost effective process when installing new Advance Meters
- More efficient service would be provided to Shippers when Transferring ownership

Depending on the scale of the change required, the associated costs will vary.

Assumptions:

- User Pays Change to create new Meter Mechanism Code and/or AMOO ID field within UK Link
- Advanced Meter Operator Organisation (AMOO) would complete Transporters application form via the Transporters Agency.
 - Transporters Agent would raise the MDD proposal in order to register the AMOO and obtain the organisation Short Code.
- Shipper will be responsible for maintaining presence of Advanced Meters Equipment and AMOO Id against the Meter Point that hold an Advanced Meter.
- It is assumed that an Advanced Meter Operator Organisation would update the Advanced Meter register held by SPAA.
- Advanced Meter never installed on a Meter Point where a Smart Meter is installed.

It is assumed that this service would be provided for all Shippers who will be responsible for updating their meter points that hold an Advanced Meter. This would only work efficiently if all AMOO signed up with Shippers updated UK Link with the Advanced Meters held on site.

Xoserve view of Priority [Low - Would need the support of the Shipper and Ofgem.](#)

Xoserve’s recommended next steps:

[The proposer should consider any specific requirements \(if any\) in relation to solution option.](#)

Additional Information:

[Any of the above options would be a User Pays Service](#)

Proposer's Response

Benefit Case

Please provide further information regarding; benefits sought; industry support; market demand volumetrics, mitigation of risks; mitigation of opposition / lack of support.

Please include justification to proceed if contrary to xoserve recommended next step

Additional Information (that may be useful for xoserve analysis)

Volumetric - Number of sites/criteria potential to have Advanced Metering i.e. must be installed on sites greater on X kWh AQ or metering capacity >6 m³

- Number of sites currently understood to have Advanced Metering

Longevity of Service - is there a defined point that this service would conclude and be amended significantly

Delivery Timescales - Is a Pre-Nexus solution expected?

- If so, does the Pre-Nexus solution differ from the solution to be considered in Nexus?

Proposer's requested next step

Close / Hold pending reassessment / Proceed to Initial Analysis

**Proposer Contact Details:
Name**

e-mail address

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