

Treatment of Metering Equipment with Integrated Automatic Meter Reading (AMR) Capability

Following the Project Nexus Implementation Date the presence of an Automatic Meter Reading (AMR) device will be recorded on UK Link Systems, along with a distinct data item to record the identity of the AMR Service Provider (ASP Id).

This document details the proposed treatment of metering equipment with integrated AMR capability.

Suppliers have a licence obligation (Standard Condition 12) to ensure that Advanced meters are installed at a Meter Point where the AQ is greater than 732,000 kWh per annum. This is defined in the Licence as “An advanced meter is a Gas Meter that, either on its own or with an ancillary device, ...: provides measured gas consumption data ... and...is able to provide the licensee with remote access to such data.”ⁱ

As part of the Nexus Requirementsⁱⁱ the obligation to “not later than one (1) month prior to the last date on which a next Check Read is required to be submitted ... notify the Registered User“.

This Check Read requirement will “apply to detect any drift between the meter & AMR equipment.”ⁱⁱⁱ -

Xoserve shall prompt Users to perform this Check Read where an AMR device is recorded on UK Link systems in line with the required frequency where this requirement has not been fulfilled.

Drift cannot occur where a meter has integrated AMR capability therefore it follows that there is no requirement to prompt the Check Read in such instances. Given this, it also follows that Users do not need to record a distinct AMR device on UK Link Systems as this requirement is not valid in such circumstances.

A further requirement is described succinctly in the Ofgem Decision Letter related to Modification 0487V^{iv}. The requirement to hold data related to the device and the service provider would “improve the interoperability of advanced metering equipment, enabling it to be more readily utilised by an incoming supplier upon a customer transfer”.

In order to meet the interoperability requirement it is proposed that following PNID that Users notify Xoserve of the identity of AMR Service Provider that they have appointed. This information will be provided at a Change of Shipper event to the incoming User via the K85 Generic_Organisation_Notification record in Supply Point Administration response files (i.e. CNF, NMR, TRF and NRF files).

With respect to provision of the AMR Device information to an incoming User, in the instances of integrated AMR meters, it is proposed that the incoming User identifies the AMR capability of a given meter model from the UK Link Meter Model table or Market Domain Data Model table. It is proposed that ‘AMR capable’ is a data item that is held against those models that have this capability but that this data item need not be provided in file formats.

Transition Rule

The transition rule proposed in communication **1653.1 - COR: 1154.15.65 Transformation Rules (Pack Eight) – Amended Change Summary** (dated is not proposed to change. As such where the

SMSO Id is held in UK Link Systems with an identity that starts with the character '9' the ASP Id and AMR Device will be created.

Users are asked to note that this will mean that if the AMR capability is furnished by an integrated device this will result in the AMR Device being recorded and consequently unnecessary requests to Users to conduct Check Reads. Users may either:

- remove the AMR Device following PNID using a UPD flow, but in order to maintain fulfilment of the interoperability requirement retain the transitioned ASP Id
OR
- use the S96 record in the GEA file to end date the SMSO Id prior to the Non Effective Days associated with the Project Nexus Implementation for any meter point where an integrated AMR meter is present. This would mean that they were not subject to the transition rule detailed above. Users would, in order to fulfil the interoperability requirement, need to send the S96 record in the GEA file providing the ASP Id following PNID.

ⁱ Supplier Licence Obligation:

<https://epr.ofgem.gov.uk//Content/Documents/Gas%20supply%20standard%20licence%20conditions%20consolidated%20-%20Current%20Version.pdf> – version “Consolidated to 10th August 2016”

ⁱⁱ Modification 0432 Legal Text:

[http://www.gasgovernance.co.uk/sites/default/files/Legal%20Text%20TPD%20Section%20M%20\(final%20mark-up\)%20V1.0.pdf](http://www.gasgovernance.co.uk/sites/default/files/Legal%20Text%20TPD%20Section%20M%20(final%20mark-up)%20V1.0.pdf)

ⁱⁱⁱ Settlement BRD Section 5.19:

<http://www.gasgovernance.co.uk/sites/default/files/Settlement%20BRD%20v4.6.pdf>

^{iv} <http://www.gasgovernance.co.uk/sites/default/files/UNC487D.pdf>