Options for the provision of Supply Meter Point Data to AltHANCo

Distribution Workgroup – 25th October 2018

Introduction

- As discussed, during the Distribution Workgroup meeting on 27th September, AltHANCo are requesting a full portfolio of Supply Meter Points for the purpose of identifying properties that require an Alternative Home Area Network for smart metering

- During the meeting, Xoserve was asked to consider different options for the provision of data to AltHANCo or their third party service provider

- Three possible options were identified:

  1. Xoserve filter out the Supply Meter Points AltHANCo don't require, and send what remains
  2. Xoserve send the full portfolio in each occurrence
  3. Xoserve send the full portfolio in the first occurrence; for each subsequent occurrence, AltHANCo will inform Xoserve of what to exclude

- The purpose of this paper is to describe each of the above options, and their associated advantages/disadvantages so Distribution Workgroup can put forward a recommendation.

Considerations

- Xoserve will send the data to AltHANCo or their third party service provider on a quarterly basis
- The service is expected to last two years by when the analysis is expected to be completed
- The data will be transferred electronically using Huddle or a Shared Area
- The dataset will either be provided to AltHANCo or directly to their service provider
- 'Full portfolio' refers to the approx 24 million Supply Meter Points

Option 1

Option Description

Xoserve determine the data required and filter out the Supply Meter Points AltHANCo don't require, and send what remains. This option would involve Xoserve identifying the supply points AltHANCo don't require e.g. Supply Meter Points which already have a Smart Meter, or Supply Meter Points that will never require a smart meter.

Advantage	Disadvantages
A tailored data set for AltHANCo; data deemed not required would not be included.	Without the full data set, AltHANCo cannot be confident they will capture all premises that may require an Alternative Home Area Network. For example, there may be instances where a Supply Meter Point has a smart gas meter, but a traditional electricity meter. The absence of the gas record may hinder AltHANCo's analysis.
	Xoserve would be applying an interpretation which may be sub-optimal.

Option 2

Option Description

Xoserve sends the full portfolio in every occurrence. This option is self-explanatory: Xoserve would send all 24 million supply meter points every quarter to AltHANCo or their service provider.

Advantage	Disadvantage
AltHANCo would always have a full data set with which they can carry out analysis.	Following the first report, Xoserve would be sending data, regarding Supply Meter Points to AltHANCo that has already been analysed and determined that an Alternative Home Area Network is not required.

Option 3

Option Description

Xoserve send the full portfolio in the first occurrence; for each subsequent occurrence, AltHANCo will inform Xoserve of what to exclude. As AltHANCo identify sites which do not require an Alternative Home Area Network, the data associated with the respective Supply Meter Points would not be included in subsequent distributions. The portfolio which AltHANCo would receive would decrease in size over time.

Advantage	Disadvantages
The first report will be a complete data set for analysis. Subsequent reports will only contain relevant data i.e. data required for continued analysis.	

Workgroup views