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## **MP101 ‘Large Gas Meter Displays’**

### **March 2020 Working Group Meeting summary**

#### **Overview**

SECAS provided an overview of the issue identified by MP101 and the proposed solution.

#### **Issue**

- MP101 is directly related to [SECMP0006 ‘Specifying the number of digits for device display’](#), which was implemented in the November 2018 SEC Release
- It amended the SMETS so that GSME displays eight decimal digits, representing a value in thousandths of metres cubed
- Some Large Gas Meters require more than the five most significant digits to meet the Measuring Instruments Directive (MID)

#### **Proposed Solution**

- To make Large Gas Meters exempt from the SMETS display requirements for consumption information

#### **History of the issue**

SECMP0006 specified the number digits to be displayed on Electricity Gas Smart Metering Equipment (ESME) and Gas Smart Metering Equipment (GSME).

Specifically, for GSME, the SECMP0006 solution amended the SMETS so that GSME displays eight decimal digits, representing a value in thousandths of metres cubed. Any digits representing a value of less than one thousandth of a meter cubed and any digits representing one hundred thousand meters cubed or higher are not displayed. These requirements can be found in section 4.4.5.1 ‘Presentation of information on the User Interface’ of the SMETS.

SECAS explained why these requirements are an issue for Large Gas Meters, noting that there aren’t currently any SMETS Large Gas Meters deployed. Some Large Gas Meters are unable to measure to thousandths of a metre cubed. Also, they require more than the five most significant digits to meet the Measuring Instruments Directive (MID) requirements. This means the current requirement in the SMETS to have only five digits before a decimal point conflicts with the MID requirement.

#### **Proposed solution**

The proposed solution is to make Large Gas Meters exempt from the display requirements in the SMETS for consumption information. SECAS noted the proposed solution had been reviewed by the Technical Architecture and Business Architecture Sub-Committee (TABASC). It recommended the legal text be more explicit in that it was about the display of consumption information, not the display requirements in general.

The proposed solution would be achieved by amending section 4.1 'Overview' of the SMETS to show that Large Gas Meters installed at Domestic Premises are exempt from any requirements for the display of consumption information on the User Interface. An additional amendment would also be made to section 4.4.5.1 'Presentation of information on the User Interface' to add further clarity to the specification. This would explicitly state that section 4.4.5.1, which was implemented by SECMP0006, would not be applicable to Large Gas Meters. Working Group members unanimously agreed with the draft legal text.

Members agreed that these changes should be made against the next Principal Version and Sub-Version of the SMETS. these would be v5.0 and v4.3 respectively (this was linked to the Department for Business, Energy and Industrial Strategy (BEIS) intention to have two version of the SMETS running concurrently). This would ensure that whichever version a manufacturer chose to comply with, it would include the exemption for Large Gas Meters to comply with the display requirements for consumption information.

SECAS advised that it would target this modification for the November 2020 SEC Release.

## Cross Code impacts

SECAS noted the Supply Point Administration Agreement (SPAA) is intending to raise a modification of its own in order to align with MP101. SECAS advised that it would not send MP101 through to decision until it is certain what changes the SPAA are looking to make.

Members highlighted that if the SPAA did not implement its changes before it suspended its release in June 2020, it would fall under the new Retail Energy Code (REC). SECAS advised it was holding a call with the SPAA the same day of the Working Group meeting to understand the changes it was intending to make and to agree an implementation approach.

## Next steps

The following actions were recorded from the meeting:

- SECAS will let Working Group members know the outcome of its discussions with SPAA.
- SECAS will issue a Refinement Consultation to seek views on the proposed solution.