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Modification Decision

SECMP0006:

Specifying the number of digits for device display

Summary

Electricity and Gas Smart Meters are required to display energy consumption on their User Interface. This modification proposes standardising the number of digits on the User Interface.

Change Board Recommendation



- The Change Board **unanimously** agreed that SECMP0006 better facilitates the SEC Objectives.
- The Change Board therefore recommend to the Authority that this Modification Proposal be **approved**.

What stage is this document in the process?

01	Initial Assessment
02	Refinement Process
03	Modification Report
04	Decision

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About this Document

This is the Modification Decision document for SECMP0006. This document provides a summary of the Change Board views and recommendation to the Authority.

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1. Change Board views

The **unanimous** view of the Change Board is that SECMP0006 better facilitates General SEC Objectives (a) and (c) and therefore recommends to the Authority that SECMP0006 should be **approved**.

Change Board discussions

Extending the 6-digit display requirement

A Change Board Member advised that, whilst they are voting for the modification to be approved, they did have a concern that they wanted to note.

The SECMP0006 solution requires:

- A Single Element or Twin Element Electricity Smart Metering Equipment (ESME) to display, on its User Interface, each value in an Active Import and Active Export Register as **five decimal digits**, representing a value in whole numbers of kWh, with the most significant decimal digits beyond five not displayed.
- A Polyphase ESME to display, on its User Interface, each value in an Active Import and Active Export Register as **six decimal digits**, representing a value in whole numbers of kWh, with the most significant decimal digits beyond six not displayed.

The member feels that the solution could have been improved by extending the 6-digit User Interface display requirement to Single Element and Twin ESME. The member understands that the rationale for requiring 5-digits in this instance is because Meter Manufactures are already developing ESME equipment to this standard.

Although the member believes that the solution could have been made better by extending the 6-digit display requirement they still feel that the modification as it stands better facilitates the General SEC Objectives and should be approved.

Meter memory

A Change Board member raised a concern regarding meter memory. They advised that data stored in a meter's memory will always be stored in Wh. However, the SECMP0006 solution requires data to be displayed on a meter in kWh. The member asked whether the potential discrepancy in data was considered by the Working Group (WG).

Another member (who was on the WG) confirmed that this was considered as a potential issued. However, the WG agreed that this would have been an issue regardless of this modification as data will always be stored and submitted into settlement at a more detailed level to what is displayed on a device. Therefore, the implementation of SECMP0006 will neither address or exacerbate the issue.

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Having considered this clarification, the Change Board member who raised the concern advised that they believe the modification will better facilitate the General SEC Objectives and should be approved.

Views against the General SEC Objectives

Objective (a)

SECMP0006 will:

- support the Change of Supplier (CoS) process;
- improve interoperability; and
- introduce consistency across User Interface displays.

Objective (c)

SECMP0006 will:

- help consumers to better manage their electricity and gas usage; and
- reduce consumer confusion and the number of support calls due to conflicting read information.

2. Change Board Recommendation

The Change Board:

- **CONSIDERED** the Final Modification Report (FMR) and Modification Report Consultation (MRC) responses for SECMP0006;
- **RECOMMEND** to the Authority that SECMP0006 should be approved; and
- **PROVIDED** rationale as why SECMP0006 better facilitates the General SEC Objectives.

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