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MP202 'Enduring Solution for SMETS1 and SMETS2+ PPMIDs'

September 2022 Working Group – meeting summary

Attendees

Attendee	Organisation
Ali Beard	SECAS
Anik Abdullah	SECAS
Kev Duddy	SECAS
Joey Manners	SECAS
Bradley Baker	SECAS
Elizabeth Woods	SECAS
Ben Giblin	SECAS
Fiona Bond	SECAS
Rainer Lischetzki	SECAS
James Hosen	SECAS
David Walsh	DCC
Tom Rothery	DCC
Chris Thompson	DCC
Mark Pitchford	DCC
Julie Brown	British Gas
Emma Johnson	British Gas
Beth Davey	Calvin Capital
Martin Bell	EUA
Kevin McIntyre	Geo
Alastair Cobb	Landis+Gyr
Mark Powell	Macquarie
Ralph Baxter	Octopus Energy
Audrey Smith-Keary	OVO Energy
Mafs Rahman	Scottish Power
Michael Snowden	Secure Meters
Lorna Clarke	SMDA
Tom Wooley	SMS PLC
Matt Alexander	SSE Networks
Shuba Khatun	SSE Networks
Robert Johnstone	Utilita
Karen Jacks	Vantage Meters

Attendee	Organisation
Luke Brady	Vantage Meters
Kelly Kinsman	WPD

Overview

The Smart Energy Code Administrator and Secretariat (SECAS) provided an overview of the issue, the business requirements and the proposed next steps.

Issue

- The Smart Energy Code (SEC) currently differentiates between Smart Metering Equipment Technical Specifications (SMETS)1 and SMETS2+ and is drafted in a manner so that a Device can be either but not both
- Data Communications Company (DCC) Users have indicated they would like to use the same Prepayment Meter Interface Device (PPMID) for both SMETS1 and SMETS2+ purposes
- Where a PPMID is capable of being used for both, the DCC is unable to identify which version of SMETS should be used by the DCC when communicating with these Devices

Business Requirements

1. To allow the same PPMID Device Model to be used in SMETS1 and SMETS2+ Smart Metering Systems
2. Remove obligation for different Firmware Versions
3. Retain current arrangements for adding Device Models to the Central Products List (CPL)
4. Allow the Pre-Notification of a dual mode PPMID
5. Whitelisting of dual mode PPMID
6. Verification of the SMETS version of the Smart Metering System targeted by Service Request Variant (SRV) 8.11
7. Enable Over-the-air (OTA) firmware upgrades to dual mode PPMID enrolled in a SMETS2+ Smart Metering System

Working Group Discussion

SECAS (AB) provided an overview of the meeting objectives, the issue and the business requirements. A Working Group member (KM) queried business requirement 7 and asked if there was any desire to upgrade SMETS1 Devices via DCC infrastructure. SECAS (RL) advised there was a desire to support this change however it currently doesn't fit into DCC Infrastructure due to needing three software versions. One manufacturer noted that they would not expect to upgrade Prepayment meter Interface Devices (PPMIDs) in SMETS1 systems as they are 'too old'. Some of the Working

Group members noted that PPMIDs could be upgraded via OTA. One Working Group member also noted issues with the header format in the DCC system.

Requirement 3 was also questioned by the Working Group. For SMETS2 Devices this is a simple CPL form but for SMETS1 (with the same PPMID) the whole Device Model Combination (DMC) needs to be completed. This is a lot of overhead resource for the same Device and firmware. One Working Group member stated that it would be better to install a Consumer Access Device (CAD) instead.

A member of the Working Group confirmed there are six million PPMIDs that can function in either a SMETS1 or SMETS2 Smart metering system in support of the business case for the modification.

Next Steps

The following actions were recorded from the meeting:

- SECAS to update the business requirements with the Proposer before confirming them with TABASC and requesting the DCC Preliminary Assessment.