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Stage 03: Modification Report Consultation

SECMP0025:

Electricity Network Party Access to Load Switching Information

What stage is this document in the process?

01	Initial Modification Report
02	Refinement Process
03	Report Phase
04	Final Modification Report

SECAS Contact:

Name:

Nikki Olomo

Number:

020 7081 3095

Email:

SEC.Change@gemserv.com

Summary

This proposal seeks to enable Electricity Network Parties (ENPs) to have access to information from the Smart Metering System relating to load switching carried out by Smart Meters or Smart Meter connected Devices. It also proposes that the Smart Metering System informs Electricity Network Parties when changes are made to existing load switching regimes.

Working Group View



- The unanimous view of the Working Group is that SECMP0025 should be approved.

Impacts



- Electricity Distributors (Electricity Network Parties)
- The Data and Communications Company (DCC)
- DCC Central Systems and Party interfacing systems

Response Deadline



- This Consultation closes at 5pm on Monday 6th August 2018.

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About this Document

This is the Modification Report Consultation (MRC) for SECMP0025. This document provides a high-level summary of the issue, solution(s), impacts and costs, implementation date, Working Group views and Panel views on the Modification Proposal;

This document has five attachments:

- Attachment A contains the Final Modification Report (FMR) which provides a detailed explanation of the issue, solution(s), impacts, costs, implementation as well as the full WG and Panel discussions and conclusions;
- Attachment B contains the legal text changes to support this modification;
- Attachment C contains the Solution Design Specification;
- Attachment D contains the Working Group Consultation Responses; and
- Attachment E contains the MRC response form.

As part of this consultation SEC Parties will be asked to provide their views on SECMP0025. The information provided will help us to better understand the benefits and drawbacks of the modification and assist the Change Board and the Authority in their determination.

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Summary of SECMP0025

What is the issue?

New technology changes including: new types of heating systems; charging of electric vehicles; and major increases in customer connected micro generation, have resulted in ENPs facing new load management challenges on their networks. A further level of uncertainty is brought about by ENPs not having oversight of how individual suppliers will develop their customer offerings, e.g. new Times Of Use (TOU) tariffs.

What is the Proposed Solution?

The Proposer (SSEN) suggests ENPs need access to Auxiliary Load Control Switch (ALCS) and HAN-Connected Auxiliary Load Control Switches (HCALCS) information. This information would enable ENPs to become more responsive as electricity networks become more complex.

This modification proposes three changes to the SEC:

- ENPs would gain access to SR6.13 “Read Event Or Security Log” (more specifically ALCS/HCALCS event logs);
- ENPs would gain access to SR7.7 “Read Auxiliary Load Switch Data”; and
- ENPs would receive new Alert(s) (either DCC generated or device generated).

Impacts – Proposed Solution

Party

Large Supplier Parties		Small Supplier Parties	
Electricity Network Parties	X	Gas Network Parties	
Other SEC Parties			

System

DCC Systems	X	Party interfacing systems	X
Smart Metering Systems		Communication Hubs	
Other systems			

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Implementation Costs

The total estimated implementation cost to deliver SECMP0025 is approximately **£387,209**. This total cost consists of:

- **£1,200¹** in SEC Administration effort; and
- **£386,009** in DCC effort.

Implementation Date

The Panel has agreed an implementation date of:

- 7th November 2019, if a decision to approve is received by 5th October 2018.

Working Group view

The Working Group believes **unanimously** that SECMP0025 does better facilitate the SEC Objectives. The WG therefore believes that this Modification Proposal should be **approved**

Where can you find further information?

A full description of the issue, solution(s), impacts, costs, implementation date, and Working Group and Panel views on the merits of SECMP0025 can be found in the FMR (Attachment A).

¹ SEC day effort based on a blended rate of £600 per day.