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DP098 ‘Incorporation of multiple Issue Resolution Proposals into the SEC – Batch 3’

Problem statement – version 0.1

About this document

This document provides a summary of this Draft Proposal, including the issue or problem identified, the impacts this is having, and the context of this issue within the Smart Energy Code (SEC).

Proposer

This Draft Proposal has been raised by Paul Saker from EDF Energy.

What is the issue or problem identified?

Issue Resolution Proposals

Background

Issue Resolution Proposals (IRPs) identify issues within the SEC Technical Specification documents and put forward a solution to the identified problem. BEIS took the lead in developing the Technical Specifications that sit under the SEC during the early stages of the Smart Metering Implementation Program. BEIS has taken responsibility for receiving and responding to issues raised internally, by the Data Communications Company (DCC) and by other interested Industry Parties. Since inception, several hundred issues have been raised in relation to technical specifications under the SEC through the Technical Specification Issue Resolution Sub-group (TSIRS). In some cases, these queries have been resolved by providing an explanation of the specifications, whilst other have resulted in proposed amendments to the specifications in the form of IRPs.




Processing of IRPs

BEIS has previously implemented IRPs via BEIS-led designations; however this process was handed over to SECAS for changes to be implemented through the Modifications Process. To improve efficiency, it was agreed these changes should be progressed under a single proposal at regular intervals.

This Proposal has been raised to introduce 21 non system impacting IRPs, which can be found in the table in the next section of this document.









How does this issue relate to the SEC?

IRPs identify issues in the SEC Technical Specification documents. The IRPs included in this proposal require changes to GBCS and SMETS, with initial key impacts identified by SECAS in the table below.

Non system impacting IRPS			
IRP number	IRP title	Impacted Technical Specification	IRP document
IRP547	Default Response in GCS21k message 'profile cluster' flag v0_1	GBCS	 IRP547 Default Response in GCS21k
IRP567	Tariff prices for Twin-Element ESME query	GBCS	 IRP567 twin element active tariff price displ
IRP587	Marking CCS05-CCS04 deprecated Use Case v0_1	GBCS	 IRP587 Marking CCS05-CCS04 deprec

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Non system impacting IRPS			
IRP number	IRP title	Impacted Technical Specification	IRP document
IRP588	Issue Title Mirror Reporting attribute not available in ZCLv4	GBCS	 IRP588 Mirror Reporting attribute nc
IRP589*	CS02b authentication sequence v0_1	GBCS	 IRP589 CS02b authentication sequer
IRP590	References in T16.2 for 81BE 81BF + 8F84 v0_1	GBCS	 IRP590 References in T16.2 for 81BE 81BF _
IRP591*	Clarification of HCALCS Time Cluster	SMETS	 IRP591 Clarification of HCALCS Time Clus ⁱ
IRP592	Clarification required for channel change operation	GBCS	 IRP592 Clarification required for channel c
IRP596*	TransCoS Execution Counters – CS02b query	GBCS	 IRP596 transCoS Execution Counters - (
IRP599	Correcting references to Section 23 in GBCS	GBCS	 IRP599 Correcting references to Section .
IRP601	ZigBee spec reference for removal	GBCS	 IRP601 ZigBee spec reference for removal
IRP594	Mirroring Tariff Block Counters	GBCS	 IRP594 mirroring tariff block counters v
IRP604	Query on IRP550 - Frame Control	GBCS	 IRP604 Query on IRP550 - Frame Contr

Non system impacting IRPS			
IRP number	IRP title	Impacted Technical Specification	IRP document
IRP605*	Clarify DLMS COSEM Device Requirements in GBCS V2.1	GBCS	 IRP605 Clarify DLMS COSEM Device Requiri
IRP606*	GBCS Glossary change for Encryption Remote Party	GBCS	 IRP606 GBCS Glossary change for E
IRP608	Modify SMETS glossary term for Time-of-use Band	SMETS	 IRP608 Modify SMETS glossary term
IRP600	Typo Errors in ZB Commands in T7.4	GBCS	 IRP600 Typo Errors in ZB Commands in T
IRP607*	Max Demand: Script table LN reference ambiguous	GBCS	 IRP607 Max Demand Configurable time v0_
IRP609	CCS07 Use Case Template Conflict with COSEM	GBCS	 IRP609 CCS07 Use Case Template Conflic
IRP611*	Discrepancy in CS02a & CS02b for Commands Integrity Verification	GBCS	 IRP611 Discrepancy in CS02a & CS02b for
IRP614	Device suspension requirements for Devices on 2.4GHz band	GBCS	 IRP614 Device suspension requireme

*A number of these IRPs are included in the BEIS Auxiliary Proportionate Control (APC) consultation, which closed on 25 November 2019. However, the IRPs will remain included in this Draft Proposal and will be reviewed once the consultation responses have been published.

What is the impact this is having?

What are the impacts of doing nothing?

IRPs add clarity and corrections to the Technical Specifications documents. Device manufacturers are required to follow these documents for the specifications of their Devices. As a result, any errors or miscommunication of these specifications will mean the Device will not work as intended. The TSIRS agreed that these are issues and have agreed the solutions. Not implementing these solutions would mean that these problems would remain.

What are the views of the industry?

Views of the DCC

The views of the DCC will be gathered during the Development Stage.

Views of SEC Parties

The views of Parties will be gathered during the Development Stage.

Views of Panel Sub-Committees

The views of Panel Sub-Committees will be gathered during the Development Stage.

Views of the Change Sub-Committee

The views of the Change Sub-Committee will be gathered during the Development Stage.