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# DP131

## ‘Default maximum demand configuration conflict’

### Modification Report

Version 0.1



Managed by



## About this document

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This document is a draft Modification Report. It currently sets out the background, issue, and progression timetable for this modification, along with any relevant discussions, views and conclusions. This document will be updated as this modification progresses.

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## Contact

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## 1. Summary

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This proposal has been raised by Chun Chen on behalf of the Data Communications Company (DCC).

SEC Schedule 8 'Great Britain Companion Specification' (GBCS) Table 28d includes values for maximum demand configuration. Due to the implementation of the [SEMP0018 'Standard Electricity Distributor Configuration Settings'](#) solution, GBCS Table 28d is currently in conflict with Energy Network Association (ENA)-required default configuration, Smart Metering Equipment Technical Specifications (SMETS), GBCS use case, DCC User Interface Specification (DUIS) and the Message Mapping Catalogue (MMC). It is proposed that a correction to GBCS Table 28d is made to align it with ENA-required default configuration.

## 2. Issue

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### What are the current arrangements?

[SECMP0018 'Standard Electricity Distributor Configuration Settings'](#) introduced a requirement for Device Manufacturers to populate Electricity Smart Metering Equipment (ESME) Devices with standard configuration settings. Electricity Network Parties have agreed a common set of configurations that should be set at installation. These configurations can be found using the Energy Network website links below:

<https://www.energynetworks.org/electricity/futures/smart-meters.html>

[https://www.energynetworks.org/assets/files/ENA EREC M30 Issue 2.pdf](https://www.energynetworks.org/assets/files/ENA_EREC_M30_Issue_2.pdf)

The solution for SECMP0018 resulted in an update to GBCS Table 28d and includes default values for maximum demand configuration. Maximum demand monitoring occurs from 31 October to 29 February every year from Monday to Friday during a configured time of day.

### What is the issue?

According to SMETS, GBCS use case definition, DUIS and MMC, values of week definition and date range cannot be configured, for example only the time of day can be configured via defined use case.

The Companion Specification for Energy Metering (COSEM) template (attached in GBCS Section 18.2 (use case ECS37)) also shows the date configuration for the maximum demand as below:

Maximum demand monitoring is daily in between configured time of day for its whole life.

1. Value of week day is 0xFE
2. Value of begin date is 0x000001FFFF
3. Value of end date of 0xFFFFFFFF

This means that as result of SECMP0018's implementation, GBCS Table 28d is in conflict with ENA-required default configuration and SMETS, GBCS use case, DUIS and MMC.

It is proposed that a correction is made to GBCS v3.2 Table 28d to align with ENA-required default configuration.

### What is the impact this is having?

This conflict in the current SEC Technical Specifications is causing a barrier for Electricity Smart Metering Equipment (ESME) Manufacturers to develop GBCS compliant Devices.

## Appendix 1: Progression timetable

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This Proposal was raised on 21 May 2020. Initial comments and feedback will be gathered before being taken to the next Change Sub-Committee (CSC) meeting for recommendation. The proposal will then be taken to the SEC Panel to convert the proposal into a modification proposal.

Timetable	
Event/Action	Date
Draft Proposal raised	21 May 2020
Presented to CSC for recommendation	30 Jun 2020
Taken to Panel for conversion	12 Jul 2020

## Appendix 2: Glossary

This table lists all the acronyms used in this document and the full term they are an abbreviation for.

Glossary	
Acronym	Full term
COSEM	Companion Specification for Energy Metering
CSC	Change Sub-Committee
DCC	Data Communications Company
DUIS	DCC User Interface Specification
ENA	Electricity Network Association
ESME	Electricity Smart Metering Equipment
GBCS	Great Britain Companion Specification
MMC	Message Mapping Catalogue
SEC	Smart Energy Code
SMETS	Smart Metering Equipment Technical Specifications