
Approval of Borough Smart Central Management System

Supplier Volume Allocation Group (SVG)

Date of meeting **2 May 2023**

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Purpose of paper **Decision**

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Summary **The Unmetered Supplies User Group (UMSUG) recommends that the SVG approves the Borough Smart Central Management System (CMS) for use in Settlement.**

1. What CMS have we tested and why?

- 1.1 A CMS is a system used by customers with Unmetered Supplies (UMS) to control street lights remotely. Using a CMS, the operator can choose exactly when to switch each individual street light on or off and/or by how much to reduce the lamp power. This allows any number of switching events and/or dimming levels. A CMS also provides other benefits such as fault detection.
- 1.2 All new CMSs are required by [BSC Procedure \(BSCP\) 520 'Unmetered Supplies Registered in SMRS' \(BSCP520\)](#) to be approved by the Panel or its delegated authority, the SVG. The initial expression of an intention to apply for approval of the CMS is made to BSCCo. The applicant then appoints a CMS Test Agent (a Meter Administrator) approved by the BSCCo to witness the tests specified in the [CMS Test Specification](#) and prepares a test evidence report in conjunction with the CMS Test Agent. The UMSUG reviews the test evidence report against the requirements of BSCP520 then makes a recommendation to the SVG regarding approval of the CMS. Once approved, the details of the new CMS are added to an Approved Central Management System List maintained by BSCCo, and published on the BSC Website.
- 1.3 Borough Smart has developed a CMS which provides a management solution for controlling and monitoring lighting assets. Generic features such as security and audit are core features of the platform. This paper provides an overview of the witness testing carried out by the appointed CMS Test Agent and the UMSUG's recommendation based on the results.

2. What were the results of the witness testing?

- 2.1 In April 2023, Borough Smart provided a test report to Elexon detailing its own testing against the [CMS Test Specification](#). The CMS Test Agent also provided witness test evidence to Elexon confirming compliance with the requirements of BSCP520 and Elexon's CMS Test Specification.
- 2.2 The test report and the witness test evidence can be found in the attachments to this paper.

3. What is the UMSUG's recommendation?

- 3.1 The UMSUG reviewed the Borough Smart CMS Evidence and the Borough Smart CMS Witness Test Evidence in April 2023. It recommends that the SVG approves the Borough Smart CMS for use in Settlement from 2 May 2023.

4. Recommendations

- 4.1 We invite the SVG to:

- a) **APPROVE** the Borough Smart CMS for use in Settlement from 2 May 2023; and
- b) **NOTE** that we will update the Elexon CMS webpage with details of the approved CMS.

Attachments

Attachment A – Borough Smart CMS Evidence

Attachment B – Borough Smart CMS Witness Test Evidence

Attachment C – Borough Smart Elexon Test Evidence

For more information, please contact:

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