ELEXON

Compliance Approval – Prometer 100 firmware amendment

Imbalance Settlement Group (ISG)

Date of meeting	**5 July 2022**	Paper number	**255/05**
Owner/author	**Mike Smith**	Purpose of paper	**Information**
Classification	**Public**	Document version	**1.0**

Summary — **Secure Meters (UK) Limited has notified us of a firmware amendment for the Prometer 100, integral Outstation, Meter types and confirmed continued compliance with Code of Practice (CoP) 1 Issue 2, CoP 2 Issue 4, CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2. We invite the ISG to note we have issued an updated Certificate of Compliance to Secure for the Prometer 100 Meter types, in relation to CoP1 Issue 2, CoP2 Issue 4 and CoP3 Issue 5. We will also take a similar information paper to the Supplier Volume Allocation Group to inform it that we issued an updated Certificate of Compliance to Secure for the Prometer 100 Meter types, in relation to CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2.**

1. Balancing and Settlement Code (BSC) requirements

1.1 BSCP601[1] sets out the processes for Meter manufacturers, Meter Operator Agents, Suppliers, Half Hourly (HH) Data Collectors and other HH Metering Equipment users to apply for compliance testing and protocol[2] approval. It covers:

- the application process;
- submission of Metering Equipment;
- communications with the Compliance and Protocol Testing Agents;
- amendments to existing approvals; and
- issuing and removing Certificates of Compliance or Protocol Approval.

1.2 Each HH Code of Practice (CoP) (i.e. CoPs 1, 2, 3, 5, 6 and 10) requires Meters and Outstations to be tested for compliance in accordance with BSCP601. BSC Parties can apply, under BSCP32[3], for a Metering Dispensation from any departure from the requirements of a CoP.

1.3 Each HH CoP also requires Outstation data to be to a format and protocol approved by the BSC Panel[4] in accordance with BSCP601.

2. Compliance Approval – Prometer 100 firmware amendment

2.1 Secure Meters (UK) Limited (Secure) has notified us of an amendment to the firmware (or CLEM) for the Prometer 100, integral Outstation, Meter types (P3E and R3E)[5]. The firmware version is changing from M6X8G05 to M6X8G0B. Secure has confirmed that the changes to the firmware do not affect compliance with

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[1] 'Metering Protocol Approval and Compliance Testing'
[2] A protocol, in the context of an Outstation, is the set of rules (or language) governing the communication of data between the Outstation and any other device connected to it. The manufacturer of the Outstation usually designs the protocol.
[3] 'Metering Dispensations'
[4] Under the BSC Baseline Statement, the BSC Panel has delegated responsibility for BSCP601 to its BSC Panel Committees, the Supplier Volume Allocation Group and the Imbalance Settlement Group. Under BSCP601, since CP1174 was implemented in June 2007, if compliance testing or protocol approval testing is successful, Elexon can issue a Certificate of Compliance or Protocol Approval to an applicant. Prior to June 2007 Elexon had to seek a decision from the relevant BSC Panel Committee before issuing Certificates of Compliance or Protocol Approval to an applicant.
[5] The P3E is a wall mounted variant and the R3E is a rack mounted variant.

CoP1[6] Issue 2, CoP2[7] Issue 4, CoP3[8] Issue 5, CoP5[9] Issue 6 and CoP10[10] Issue 2. Secure has also confirmed that the protocol the Prometer 100 Meter types use, has not been impacted.

2.2   This paper is to let the ISG know that we issued an updated Certificate of Compliance to Secure, for the Prometer 100 Meter types, in relation to CoP1 Issue 2, CoP2 Issue 4 and CoP3 Issue 5.

2.3   Under the BSC Baseline Statement, the ISG is solely responsible for CoPs 1 and 2, and jointly responsible for CoP3, alongside the SVG. Since the SVG is solely responsible for CoPs 5, 6, 7, 8, 9 and 10 we will present a similar paper to the SVG, at its meeting on 5 July 2022. We will let the SVG know we issued an updated Certificate of Compliance to Secure, for the Prometer 100 Meter types, in relation to CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2.

3.   Updates and notification

3.1   In June 2022, we:

- published an updated version of the 'CoP Compliance and Protocol Approval' list and 'List of Valid Outstation Types' to include the amended firmware version for the Prometer 100 Meter types; and
- issued a Newscast article notifying BSC Parties and BSC Party Agents of the amended firmware for the Prometer 100 Meter types.

4.   Recommendations

4.1   We invite the ISG to:

a) **NOTE** we issued Secure Meters (UK) Ltd, a Meter manufacturer, with an updated Certificate of Compliance for the Prometer 100 Meter types, with the amended firmware version, in relation to Code of Practice (CoP) 1 Issue 2, CoP2 Issue 4 and CoP3 Issue 5;

b) **NOTE** we will present a similar information paper to the SVG, at its meeting on 5 July 2022, noting we issued Secure Meters (UK) Ltd with an updated Certificate of Compliance for the Prometer 100 Meter types, with the amended firmware version, in relation to CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2;

c) **NOTE** we updated the 'CoP Compliance and Protocol Approval' list and 'List of Valid Outstation Types' to include the firmware amendment for the Prometer 100 Meter types; and

d) **NOTE** we issued a Newscast article notifying BSC Parties and BSC Party Agents about the firmware amendment for the Prometer 100 Meter types.

For more information, please contact:

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[6] 'Code of Practice for the metering of circuits with a rated capacity exceeding 100MVA for Settlement purposes'
[7] 'Code of Practice for the metering of circuits with a rated capacity not exceeding 100MVA for Settlement purposes'
[8] 'Code of Practice for the metering of circuits with a rated capacity not exceeding 10MVA for Settlement purposes'
[9] 'Code of Practice for the metering of energy transfers with a maximum demand of up to (and including) 1MW for Settlement purposes'
[10] 'Code of Practice for the metering of energy via low voltage circuits for Settlement purposes'