ELEXON

Compliance Approvals – New Outstation requirements due to CP1527

Supplier Volume Allocation Group (SVG)

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Summary   This paper provides the SVG with the details of updated Certificates of Compliance issued, to reflect changes CP1527 has introduced to certain Codes of Practice.

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.

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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.

2. Compliance Testing – CP1527

2.1 [CP1527][5] changed Codes of Practice (CoPs) [1][6], [2][7], [3][8], [5][9] and [10][10] to require Outstations to store 90 days of Half Hourly data per Outstation channel. It also changed CoPs 3, 5 and 10 to require Outstations to have selectable integration periods of 30, 20, 15, 10 and 5 minutes duration. Elexon implemented CP1527 on 30 June 2022, as part of the June 2022 BSC Release.

2.2 CP1527 changed the Issue (and version) numbers of these CoPs, by one, because the CoPs require Meter types and Outstation types to be subject to Compliance Testing under BSCP601 and changes to certain Meter or Outstation requirements need to confirmed:

CoP/Issue pre CP1527	CoP/Issue Post CP1527	CoP responsibility
CoP1 Issue 2	CoP1 Issue 3	ISG
CoP2 Issue 4	CoP2 Issue 5	ISG
CoP3 Issue 5	CoP3 Issue 6	SVG/ISG
CoP5 Issue 6	CoP5 Issue 7	SVG
CoP10 Issue 2	CoP10 Issue 3	SVG

3. Secure Meters – Prometer 100 Meter types

3.1 Secure Meters (UK) Ltd (Secure) has confirmed that the Prometer 100, integral Outstation, Meter types (P3E and R3E) will comply with the new Issues of CoPs 1, 2, 3, 5 and 10 as they already meet the new requirements.

3.2 The purpose of this section of the paper is to advise the SVG that Elexon issued an updated Certificate of Compliance to Secure, for the Prometer 100 Meter types, in relation to CoP3 Issue 6, CoP5 Issue 7 and CoP10 Issue 3.

4. Imbalance Settlement Group – Prometer 100 Meter types

4.1 Under the [BSC Baseline Statement](), the SVG is solely responsible for CoPs 5, 6, 7, 8, 9 and 10. Since the ISG is solely responsible for CoPs 1 and 2, and jointly responsible for CoP3, alongside the SVG, we will present a similar paper to the ISG, at its meeting on 5 July 2022. We will let the ISG know we will issue an updated Certificate of Compliance to Secure, for the Prometer 100 Meter types, in relation to CoP1 Issue 3, CoP2 Issue 5 and CoP3 Issue 6.

5. EM-Lite – EMP1 Meter type

5.1 EM-Lite Limited (EM-Lite) has confirmed that the EMP1, integral Outstation, Meter type will comply with the new Issue of CoP10 as it already meets the new requirements.

5.2 The purpose of this section of the paper is to advise the SVG that Elexon issued an updated Certificate of Compliance to EM-Lite, for the EMP Meter type, in relation to CoP10 Issue 3.

6. Updates and notifications – CP1527

6.1 In July 2022 we:

- published an updated version of the 'CoP Compliance and Protocol Approval' list to include the Prometer 100 Meter types and the EMP1 Meter type as compliant with the new Issues of the relevant CoPs; and
- issued a Newscast article notifying BSC Parties and BSC Party Agents of the compliance of the Prometer 100 Meter types and the EMP1 Meter types with the new Issues of the relevant CoPs.

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[5] 'Increase the minimum data storage capacity for Settlement Outstations and mandate specific selectable integration periods for Metering Codes of Practice'
[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'

7.   Recommendations

7.1   We invite the SVG to:

a) **NOTE** we issued Secure Meters (UK) Ltd, a Meter manufacturer, with an updated Certificate of Compliance for the Prometer 100 Meter types, against the new Issues of Codes of Practice 3, 5 and 10;

b) **NOTE** we will present a similar information paper to the ISG, at its meeting on 5 July 2022, noting we issued Secure Meters (UK) Ltd with a Certificate of Compliance for the Prometer 100 Meter types, covering CoP1 Issue 3, CoP2 Issue 5 and CoP3 Issue 6;

c) **NOTE** we issued EM-Lite Limited, a Meter manufacturer, with an updated Certificate of Compliance for the EMP1 Meter type, against the new Issue of Code of Practice 10; and

d) **NOTE** we updated the 'CoP Compliance and Protocol Approval' list to include the Prometer 100 Meter types and the EMP1 Meter type as compliant with the new Issue of the relevant CoPs.

For more information, please contact:

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