# ELEXON

# Compliance Approvals – New Outstation requirements due to CP1527

**Imbalance Settlement Group (ISG)**

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| Date of meeting | **5 July 2022** | Paper number | **255/06** |
| Owner/author | **Mike Smith** | Purpose of paper | **Information** |
| Classification | **Public** | Document version | **1.0** |

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| Summary | **Elexon will implement CP1527 on 30 June 2022 as part of the June 2022 BSC Release. It will change Codes of Practice (CoPs) 1, 2, 3, 5 and 10 to require Outstations to store 90 days of Half Hourly data per Outstation channel. It will also change CoPs 3, 5 and 10 to require Outstations to have selectable integration periods of 30, 20, 15, 10 and 5 minutes duration. CP1527 will create new Issues of these CoPs. We invite the ISG to note that Secure Meters (UK) Ltd (Secure) and Kenda Electronic Systems Ltd (Kenda) have confirmed that the Prometer 100, integral Outstation, Meter types, and the Nebula Outstation, respectively, will comply with the new Issues of the CoPs that they currently comply with. As a result, we will issue Secure an updated Certificate of Compliance, on 30 June 2022, in respect of CoP1 Issue 3, CoP2 Issue 5 and CoP3 Issue 6 and we will issue Kenda an updated Certificate of Compliance, on 30 June 2022, in respect of CoP1 Issue 3 and CoP2 Issue 5. We will also take a similar information paper to the Supplier Volume Allocation Group to inform it that we will issue an updated Certificate of Compliance to Secure, on 30 June 2022, in respect of CoP3 Issue 6, CoP5 Issue 7 and CoP10 Issue 3.** |

## 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.

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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'

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 – CP1527

2.1     CP1527[5] will change 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 will also change CoPs 3, 5 and 10 to require Outstations to have selectable integration periods of 30, 20, 15, 10 and 5 minutes duration. Elexon will implement CP1527 on 30 June 2022 as part of the June 2022 BSC Release.

2.2     CP1527 will change the Issue (and version) numbers of these CoPs, by one, because the CoPs require Meters and Outstations to be subject to Compliance Approval 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 |

2.3     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.

2.4     Kenda Electronic Systems Ltd (Kenda) has confirmed that the Nebula Outstation, will comply with the new Issues of CoPs 1 and 2 as they already meet the new requirements.

2.5     This paper is to let the ISG know that we will issue an updated Certificate of Compliance to Secure, for the Prometer 100 integral Outstation Meter types, in relation to CoP1 Issue 3, CoP2 Issue 5 and CoP3 Issue 6 and we will issue an updated Certificate of Compliance to Kenda, in respect of CoP1 Issue 3, CoP2 Issue 5.

2.6     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 will issue an updated Certificate of Compliance to Secure, for the Prometer 100 integral Outstation Meter types, in relation to CoP3 Issue 6, CoP5 Issue 7 and CoP10 Issue 3.

## 3.    Updates and notifications – CP1527

3.1     In June 2022 we published an updated version of the 'CoP Compliance and Protocol Approval' list to include:

●    the Prometer 100 Meter types as compliant with the new Issues of CoPs 1, 2, 3, 5 and 10;
●    the Nebula Outstation as compliant with the new Issues of CoPs 1 and 2; and
●    issued a Newscast article notifying BSC Parties and BSC Party Agents of the compliance of the Prometer 100 Meter types against the new Issues of CoPs 1, 2, 3, 5 and 10 and the Nebula Outstation against the new Issues of CoPs 1 and 2.

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[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] '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'

## 4. Recommendations

4.1 We invite the ISG to:

a) **NOTE** we will issue 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 (CoPs) 1, 2 and 3;

b) **NOTE** we will issue Kenda Electronic Systems Ltd, an Outstation manufacturer, with an updated Certificate of Compliance for the Nebula Outstation, against the new Issues of CoPs 1 and 2;

c) **NOTE** we will update the 'CoP Compliance and Protocol Approval' list to include the Prometer 100 Meter types and Nebula Outstation as compliant with their respective CoPs; and

d) **NOTE** we will present a similar information paper to the SVG, at its meeting on 5 July 2022, noting we will issue Secure Meters (UK) Ltd with a Certificate of Compliance for the Prometer 100 Meter types, covering CoP3 Issue 6, CoP5 Issue 7 and CoP10 Issue 3.

**For more information, please contact:**

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