
Compliance Approval – CP1527 (ZMQ and ZFQ)

Imbalance Settlement Group (ISG)

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Owner/author **Mike Smith**

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Summary **This paper invites the ISG to note that Landis + Gyr Ltd (L+G) has confirmed that their integral Outstation Meter types, the ZMQ and ZFQ, comply with the new Issues of Codes of Practice 1 and 2. We have therefore issued L+G with an updated Certificate of Compliance for the ZMQ and ZFQ integral Outstation Meter types.**

1. **Balancing and Settlement Code (BSC) requirements**

- 1.1 [BSCP601](#)¹ sets out the processes for Meter Manufacturers, Meter Operator Agents, Suppliers, Asset Metering Virtual Lead Parties, Half Hourly Data Collectors (HHDCs), Asset Metering Half Hourly Data Collectors and other Half Hourly Metering Equipment or Asset Metering Equipment users to apply for compliance testing and protocol² approval.
- 1.2 Each HH [Code of Practice](#) (CoP) (i.e. CoPs 1, 2, 3, 5, 6, 10 and 11) requires Meters and Outstations to be tested for compliance in accordance with BSCP601.
- 1.3 Each HH CoP also requires Outstation data to be to a format and protocol approved by the BSC Panel³ in accordance with BSCP601.
- 1.4 Under the [BSC Baseline Statement](#), the ISG is solely responsible for CoPs 1 and 2, and jointly responsible for CoPs 3 and 4, alongside the Supplier Volume Allocation Group (SVG). The SVG is solely responsible for CoPs 5, 6, 7, 8, 9, 10 and 11.

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 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 Approval – CP1527

- 2.1 [CP1527](#)⁴ changed CoPs [1](#)⁵, [2](#)⁶, [3](#)⁷, [5](#)⁸ and [10](#)⁹ 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 incremented the Issue (and version) numbers of these CoPs, by one. This is because the CoPs require Meters and Outstations to be subject to Compliance Testing under BSCP601 and changes to certain Meter or Outstation requirements need to be 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	ISG/SVG
CoP5 Issue 6	CoP5 Issue 7	SVG
CoP10 Issue 2	CoP10 Issue 3	SVG

- 2.3 Landis+Gyr Ltd (L+G) has applied for compliance testing against the new Issues of CoPs 1 and 2 for their ZMQ and ZFQ integral Outstation Meter types.
- 2.4 L+G confirmed their integral Outstation Meter types already comply with the new Issues of CoPs 1 and 2.
- 2.5 The purpose of this paper is to advise the ISG that we issued updated Certificates of Compliance to L+G for their ZMQ and ZFQ integral Outstation Meter types, in relation to CoP1 Issue 3 and CoP2 Issue 5.

3. Updates and notifications

- 3.1 To reflect compliance of the ZMQ and ZFQ integral Outstation Meter types with the new Issues of CoPs 1 and 2, we recently published an updated version of the '[CoP Compliance and Protocol Approval](#)' list (v70.0).
- 3.2 We also issued a Newscast article notifying BSC Parties and BSC Party Agents that the ZMQ and ZFQ integral Outstation Meter types comply with the new Issues of the CoPs 1 and 2.

4. Recommendations

- 4.1 We invite the ISG to:
- a) **NOTE** that Elexon has issued L+G, a Meter manufacturer, with an updated Certificate of Compliance for its ZMQ and ZFQ integral Outstation Meter types, against the new Issues of Codes of Practice (CoPs) 1 and 2; and
 - b) **NOTE** that Elexon has updated the 'CoP Compliance and Protocol Approval' list to include the L+G integral Outstation Meter types as compliant with the new Issues of CoPs 1 and 2, and issued a Newscast article to that effect.

For more information, please contact:

Mike Smith, Metering Analyst

mike.smith@elexon.co.uk

020 7380 4033

⁴ 'Increase the minimum data storage capacity for Settlement Outstations and mandate specific selectable integration periods for Metering Codes of Practice'

⁵ 'Code of Practice for the metering of circuits with a rated capacity exceeding 100MVA for Settlement purposes'

⁶ 'Code of Practice for the metering of circuits with a rated capacity not exceeding 100MVA for Settlement purposes'

⁷ 'Code of Practice for the metering of circuits with a rated capacity not exceeding 10MVA for Settlement purposes'

⁸ 'Code of Practice for the metering of energy transfers with a maximum demand of up to (and including) 1MW for Settlement purposes'

⁹ 'Code of Practice for the metering of energy via low voltage circuits for Settlement purposes'