

Protocol Approval – TMA Data Management for the Landis + Gyr ZMQ/ZFQ Meter types

Supplier Volume Allocation Group (SVG)

Date of meeting	6 June 2023	Paper number	268/03
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Classification	Public	Document version	1.0

Summary **We invite the SVG to note that, following successful protocol testing, we have issued TMA Data Management Limited (TMA) a Certificate of Protocol Approval. The certificate covers approval of the protocol for the Landis + Gyr ZMQ/ZFQ Meter types, embedded within TMA's MDR data collection software.**

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 (HH) Data Collectors (HHDCs), Asset Metering HHDCs and other HH 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 1³, 2⁴, 3⁵, 5⁶, 6⁷, 10⁸ and 11⁹) requires Meters and Outstations to be tested for compliance in accordance with BSCP601. BSC Parties can apply, under [BSCP32](#)¹⁰, 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 Panel¹¹ in accordance with BSCP601.

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

⁴ 'Code of Practice for the metering of circuits with a rated capacity not exceeding 100MVA for Settlement purposes'

⁵ 'Code of Practice for the metering of circuits with a rated capacity not exceeding 10MVA for Settlement purposes'

⁶ 'Code of Practice for the metering of energy transfers with a maximum demand of up to (and including) 1MW for Settlement purposes'

⁷ 'Code of Practice for the metering of energy Imports via low voltage circuits fused at 100 Amps or less per phase for Settlement purposes'

⁸ 'Code of Practice for the metering of energy via low voltage circuits for Settlement purposes'

⁹ 'Code of Practice for the metering of Balancing Services Assets for Settlement purposes'

¹⁰ 'Metering Dispensations'

¹¹ 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. Protocol Approval – TMA and the Landis + Gyr ZMQ/ZFQ Meter types

- 2.1 In February 2023, TMA Data Management Limited (TMA), an Half Hourly Data Collector (HHDC), applied for protocol approval of the Landis + Gyr ZMQ/ZFQ, integral Outstation Meter types, in accordance with BSCP601. The Landis + Gyr ZMQ/ZFQ Meter types comply with the current Issues of Code of Practice 1 and 2.
- 2.2 The application covers the following HHDC Market Participant IDs (MPIDs), as they will all use the same version of the MDR v3.4 data collection software, with the same protocol version (i.e. ZXD_Protocol_NET.dll (v1.0.4 (01/02/2023))):
- UDMS
 - BMET
 - ACCU
 - ASLH
 - TEGS
 - SPOW
- 2.3 In March 2023, we witnessed the successful protocol testing and, as a result, we issued TMA with a Certificate of Protocol Approval for the Landis + Gyr ZMQ/ZFQ Meter types covering the HHDC MPIDs listed above.

3. Updates and notifications

- 3.1 In March/April 2023, we:
- published an updated version of the '[CoP Compliance and Protocol Approval](#)' list (v70.0) to include the protocol approval for the Landis + Gyr ZMQ/ZFQ Meter types, covering the HHDC MPIDs listed above; and
 - issued a Newscast article notifying BSC Parties and BSC Party Agents of the protocol approval for the Landis + Gyr ZMQ/ZFQ Meter types, covering the HHDC MPIDs listed above.

4. Recommendations

- 4.1 We invite the SVG to:
- a) **NOTE** we issued a Certificate of Protocol Approval to TMA Data Management Limited, an Half Hourly Data Collector (HHDC), for the Landis + Gyr ZMQ/ZFQ Meter types covering the UDMS, BMET, ACCU, ASLH, TEGS and SPOW HHDC MPIDs.
 - b) **NOTE** we updated the 'CoP Compliance and Protocol Approval' list for the protocol approval for the Landis + Gyr ZMQ/ZFQ Meter types, covering the HHDC MPIDs listed above; and
 - c) **NOTE** we issued a Newscast article notifying BSC Parties and BSC Party Agents of the protocol approval for the Landis + Gyr ZMQ/ZFQ Meter types, covering the HHDC MPIDs listed above.

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