

Protocol Approvals – SP Dataserve

Supplier Volume Allocation Group (SVG)

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Summary **SP Dataserve Ltd (SP Dataserve) has applied for protocol approval for the Actaris ACE6000, Landis + Gyr ZMD/ZFD (E650) and Em-lite EMA1.* integral Outstation Meter types. SP Dataserve proposes to use TMA Data Management Limited's (TMA) MDR v3.4 software to collect data from these Meter types. We invite the SVG to note that, following a review of the successful protocol testing conducted by TMA for these Meter types, we have issued SP Dataserve with a Certificate of Protocol Approval covering them.**

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. Background – Protocol Approvals under TMA

- 2.1 TMA Data Management Limited (TMA), an HHDC, implemented the protocols for the Actaris ACE6000 and Landis + Gyr ZMD/ZFD (E650) Meter types into its data collection platform, MDR (v3.4), in 2012. TMA underwent protocol testing and witnessing in accordance with BSCP601 (v17.0) at that time - application reference P/81/12.
- 2.2 TMA implemented the protocol for the Em-lite EMA1.* Meter type into MDR (v3.4) in 2021 and underwent protocol testing and witnessing in accordance with BSCP601 (v20.0) at that time – application reference P/119/21.
- 2.3 Following successful testing we issued TMA with Certificates of Protocol Approval for these Meter types using MDR (v3.4) and the relevant protocol files.

3. Protocol Approvals – SP Dataserve (SPOW)

- 3.1 SP Dataserve is an HHDC operating under Market Participant ID (MPID) SPOW.
- 3.2 In April 2023, SP Dataserve Ltd applied for protocol approval, in accordance with BSCP601 (v23.0), for the following integral Outstation Meter types:
 - Actaris ACE6000;
 - Landis + Gyr ZMD/ZFD (E650); and
 - Em-lite EMA1.*.
- 3.3 SP Dataserve proposes to collect metered data from these Meter types using TMA's MDR (v3.4) software. It confirmed it is 'using the same version of MDR Scheduler that was protocol tested for all of these meters by TMA'.
- 3.4 As a result, we issued SP Dataserve with a Certificate of Protocol Approval for the Meter types listed above.

4. Updates and notifications

- 4.1 In March/April 2023, we:
 - published an updated version of the '[CoP Compliance and Protocol Approval](#)' list (v71.0) to include the protocol approvals for these Meter type; and
 - issued a Newscast article ([996](#)) notifying BSC Parties and BSC Party Agents of the protocol approval for the Meter types, covering the SP Dataserve's SPOW MPID.

5. Recommendations

- 5.1 We invite the SVG to:
 - a) **NOTE** we issued a Certificate of Protocol Approval to SP Dataserve Ltd, an Half Hourly Data Collector, for the Actaris ACE6000, Landis + Gyr ZMQ/ZFQ (E650) and Em-lite EMA1.* Meter types covering its SPOW Market Participant ID (MPID);
 - b) **NOTE** we updated the 'CoP Compliance and Protocol Approval' list for the protocol approvals for the Meter types listed above, covering the SP Dataserve's SPOW MPID; and
 - c) **NOTE** we issued a Newscast article notifying BSC Parties and BSC Party Agents of the protocol approvals for Meter types listed above, covering the SP Dataserve's SPOW MPID.

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