
Headline Report

Meeting name **Imbalance Settlement Group**

Purpose of paper **Information**

Meeting number **255**

Classification **Public**

Date and time **5 July 2022, 13.00**

Synopsis **This report sets out the headlines and key decisions taken at the July 2022 meeting of the Imbalance Settlement Group.**

OPEN SESSION - Decision Papers

1. Metering Dispensation D/540 Burwell Solar PV Farm (ISG255/01)

1.1 EDF Energy Limited applied for a lifetime Metering Dispensation (D/540) from Code of Practice (CoP) 2. The application relates to the location of the Metering Equipment associated with a proposed new 49.9MW Solar Photo Voltaic (PV) Farm, connected at Burwell Main 400kV substation via the 13kV 60MVA tertiary of SGT1.

1.2 The ISG:

- a) **APPROVED** Metering Dispensation D/540 from CoP2, for the location of the Metering Equipment associated with the Burwell Solar PV Farm, on a lifetime basis.

2. Metering Dispensation D/541 Sutton Bridge PV Farm (ISG255/02)

2.1 EDF Energy Limited applied for a lifetime Metering Dispensation (D/541) from Code of Practice (CoP) 2. The application relates to the location of the Metering Equipment associated with a proposed new 49.9MW Solar Photo Voltaic (PV) Farm, connected at Walpole Main substation via the 13kV 60MVA tertiary of SGT5.

2.2 The ISG:

- a) **APPROVED** Metering Dispensation D/541 from CoP2, for the location of the Metering Equipment associated with the Sutton Bridge Solar PV Farm, on a lifetime basis.

3. Metering Dispensation D/542 Minety 2 BESS (ISG255/03)

3.1 Statkraft Markets GmbH has applied for a lifetime Metering Dispensation (D/542) from Code of Practice (CoP) 1. The application relates to the location of the Metering Equipment associated with a proposed new 50MW Battery Energy Storage System (BESS) at Minety South Storage 2 (Minety 2). A Metering Dispensation will allow for optimum registration of the Metering System for the site connecting the project, through a dedicated circuit, to the wider Scottish and Southern Energy (SSE) network.

3.2 The ISG:

- a) **APPROVED** Metering Dispensation D/542, from CoP1, for the Minety 2 BESS Metering Equipment, on a lifetime basis subject to the condition that the Electrical Loss Validation Agent confirms that the compensation figures proposed are acceptable.

4. P350: Methodology for Load Periods and Sample Settlement Periods (2022/23) (ISG255/04)

4.1 This paper summarised the proposed methodology for setting Load Periods (LPs) and Sample Settlement Periods (SSPs). These are used in the derivation of Zonal Transmission Loss Factors, as required by the Balancing and Settlement Code (BSC). It also presented the actual values resulting from the current methodology, and sought approval from the Imbalance Settlement Group (ISG) to use these derived values.

4.2 The ISG:

- a) **NOTED** that no industry consultation on the methodology occurred this year and that Elexon will next consult with industry on the LP and SSP methodology in June/July 2023;
- b) **NOTED** the actual LPs and SSPs in attachment A; and
- c) **APPROVED** the proposed methodology, and the actual LPs and SSPs produced, to be used in the derivation of TLFs for BSC Year 2023/24.

5. Annual Review of the Value of Lost Load (VoLL) and Loss of Load Probability (LoLP) (ISG255/08)

5.1 In 2018, Elexon agreed to give an annual update on the VoLL parameter following analysis provided to the Imbalance Settlement Group (ISG). Note that following the second phase of BSC Modification P305 going live on 1 November 2018, both the LoLP and the VoLL parameter methodologies changed. This paper looked at the impacts of these parameter changes, using data from the implementation date of BSC Modification P305 (5 November 2015) to 31 March 2022, and invites the ISG to note the findings.

5.2 The ISG:

- a) **NOTED** the findings of the Annual Review of the VoLL and LoLP;
- b) **NOTED** Elexon will continue to report on VoLL and RSVP through the monthly SPAR, with any significant changes highlighted to the ISG and Panel; and
- c) **NOTED** Elexon will review the impact of Day Ahead STOR on the use of the RSVP in the next Annual VoLL Review, once two years of data is available.

OPEN SESSION - Information Papers

6. Compliance and Protocol Approvals – Prometer 100 firmware amendment (ISG255/05)

6.1 Secure Meters (UK) Limited has notified Elexon of a firmware amendment for the Prometer 100, integral Outstation, Meter types and confirmed continued compliance with Code of Practice (CoP) 1 Issue 2, CoP 2 Issue 4, CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2. Elexon invited the ISG to note they have issued an updated Certificate of Compliance to Secure for the Prometer 100 Meter types, in relation to CoP1 Issue 2, CoP2 Issue 4 and CoP3 Issue 5. Elexon will also take a similar information paper to the Supplier Volume Allocation Group to inform it that they issued an updated Certificate of Compliance to Secure for the Prometer 100 Meter types, in relation to CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2.

6.2 The ISG:

- a) **NOTED** Elexon issued Secure Meters (UK) Ltd, a Meter manufacturer, with an updated Certificate of Compliance for the Prometer 100 Meter types, with the amended firmware version, in relation to Code of Practice (CoP) 1 Issue 2, CoP2 Issue 4 and CoP3 Issue 5;
- b) **NOTED** Elexon will present a similar information paper to the SVG, at its meeting on 5 July 2022, noting they issued Secure Meters (UK) Ltd with an updated Certificate of Compliance for the Prometer 100 Meter types, with the amended firmware version, in relation to CoP3 Issue 5, CoP5 Issue 6 and CoP10 Issue 2; and
- c) **NOTED** Elexon updated the 'CoP Compliance and Protocol Approval' list and 'List of Valid Outstation Types' to include the firmware amendment for the Prometer 100 Meter types; and
- d) **NOTED** Elexon issued a Newscast article notifying BSC Parties and BSC Party Agents about the firmware amendment for the Prometer 100 Meter types.

7. Compliance Approvals – New Outstation requirements due to CP1527 (ISG255/06)

7.1 Elexon implemented CP1527 on 30 June 2022 as part of the June 2022 BSC Release. It changed 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, Elexon issued Secure an updated

Certificate of Compliance, on 30 June 2022, in respect of CoP1 Issue 3, CoP2 Issue 5 and CoP3 Issue 6 and issued Kenda an updated Certificate of Compliance, on 30 June 2022, in respect of CoP1 Issue 3 and CoP2 Issue 5. Elexon will also take a similar information paper to the Supplier Volume Allocation Group to inform it that they 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.

7.2 The ISG:

- a) **NOTED** Elexon 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 (CoPs) 1, 2 and 3;
- b) **NOTED** Elexon issued 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) **NOTED** Elexon updated 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) **NOTED** Elexon will present a similar information paper to the SVG, at its meeting on 5 July 2022, noting they 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.

8. **Introducing the CVA Commissioning End to End Check (CEEC) (ISG255/07)**

8.1 This document provides information on a new Change Proposal (CP) and outlines Elexon's proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch. Elexon are presenting this paper to the ISG on 5 July 2022 and the SVG on 5 July 2022 to capture any comments or questions from Committee Members on this CP before it is issued for consultation. This CP will formalise the CEEC process in the relevant Code Subsidiary Documents (CSDs).

8.2 The ISG:

- a) **NOTED** that this CP has been raised;
- b) **NOTED** the proposed progression timetable for this CP;
- c) **PROVIDED** any comments or additional questions for inclusion in the CP Consultation; and
- d) **NOTED** that this CP will be presented to:
 - The SVG on 5 July 2022.