
Headline Report

Meeting name **Imbalance Settlement Group**

Purpose of paper **Information**

Meeting number **259**

Classification **Public**

Date and time **1 November 2022, 13.00**

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

OPEN SESSION - Decision Papers

1. Metering Dispensations – D/552 Tiln Farm PV and D/553 Tiln Farm BESS (ISG259/01)

- 1.1 Flexitricity Limited has applied for two lifetime, site specific Metering Dispensations from Code of Practice (CoP) 2. The applications (D/552 and D/553) are for the location of the CoP2 Metering Equipment associated with the Tiln Farm Photo Voltaic (PV) assets and the Tiln Farm Battery Energy Storage System (BESS) assets, respectively. The PV and BESS assets are located at the same site and share the same point of connection to the Distribution System. The ISG were invited to approve Metering Dispensations D/552 and D/553, on a lifetime basis.
- 1.2 The ISG:
- a) **APPROVED** Metering Dispensation D/552, from CoP2, on a lifetime basis, for the location of the Metering Equipment associated with the Tiln Farm PV assets; and
 - b) **APPROVED** Metering Dispensation D/553, from CoP2, on a lifetime basis, for the location of the Metering Equipment associated with the Tiln Farm BESS assets.

2. Metering Dispensation – D/554 Wishaw BESS (ISG259/02)

- 2.1 Zenobe Wishaw Energy (Zenobe) has applied for a lifetime, site specific Metering Dispensation from Code of Practice (CoP) 2. The application is for the location of, and standards for, the Metering Equipment associated with the Wishaw Battery Energy Storage System (BESS). Zenobe wishes to set up a Balancing Mechanism (BM) Unit for the BESS itself and a separate BM Unit for the auxiliary supplies for the BESS. This requires CoP2 and CoP3 Metering Equipment, respectively, to be located 20m below the Defined Metering Point. The ISG were invited to approve Metering Dispensation D/554, on a lifetime basis.
- 2.2 The ISG:
- a) **APPROVED** Metering Dispensation D/554, from CoP2, on a lifetime basis, for the location of, and standards for, the Metering Equipment associated with the Wishaw BESS.

3. Continuous Acceptance Duration Limit (CADL) Review (ISG259/04)

- 3.1 The Continuous Acceptance Duration Limit (CADL) is a pricing parameter used to identify short duration Bid- Offer Acceptances (BOAs). These are likely to be associated with system balancing actions, and may be repriced in the Imbalance Price calculation. When CADL was introduced in 2001, it was set at 15 minutes duration. It was changed to 10 minutes duration follow a parameter review in 2018, becoming effective 1 April 2019. This review covers the period 1 August 2020 to 31 July 2022, using the analysis provided by National Grid Electricity System Operator (NGESO). It is our view that the analysis suggests that the current 10 minute CADL remains suitable. The Imbalance Settlement Group (ISG) was invited to note the analysis, recommend CADL does not change, and agree that Elexon will conduct the next scheduled review in two years' time.

3.2 The ISG:

- a) **NOTED** the analysis presented in this paper, and provided comments;
- b) **RECOMMENDED** to the BSC Panel that no change is made to the CADL; and
- c) **AGREED** that Elexon conduct the next scheduled review in two years' time.

4. De Minimis Acceptance Threshold (DMAT) Review (ISG259/05)

4.1 The De Minimis Acceptance Threshold (DMAT) is a pricing parameter used to identify and remove balancing actions with a volume smaller than a set value from the Energy Imbalance Price calculation. DMAT is set to 0.1MWh and is reviewed from time to time in accordance with the BSC. This review suggests that the current value, 0.1MWh, should not be changed. The Imbalance Settlement Group (ISG) was invited to note the content of the analysis and agree that Elexon will conduct the next scheduled review in two years' time.

4.2 The ISG:

- a) **NOTED** the analysis presented in this paper, and provided comments;
- b) **RECOMMENDED** to the BSC Panel that no change is made to the DMAT; and
- c) **AGREED** that Elexon conduct the next review in two years' time.

5. Market Index Definition Statement (MIDS) Review 2022 Consultation Result (ISG259/10)

5.1 The Market Index Definition Statement (MIDS) is annually reviewed by the BSCCo, on behalf of the BSC Panel, to ensure that the Market Index Price (MIP) is providing a reasonable reflection of the price of wholesale electricity in the short term market. The review period covers 1 August to 31 July each year. This year the analysis is based on data from the period 1 August 2021 to 31 July 2022. The review consists of checking that parameters used in the MIP calculation defined in the MIDS (i.e. the Individual Liquidity Threshold (ILT), timeband weightings and product weightings) remain fit for purpose and through the parameters, checking the MIDS principles are being met (BSC Section T1.5.3). The purpose of the MIP is to reflect the price of wholesale electricity in Great Britain in the short term market, for delivery in respect of that Settlement Period

5.2 Following the September ISG meeting, we issued the MIDS review paper for industry consultation. This paper presents that no responses were received from the consultation. The ISG was invited to make its final recommendations to the BSC Panel.

5.3 The ISG:

- a) **NOTED** the consultation response presented in this paper; and
- b) **RECOMMENDED** to the BSC Panel that no changes be made to the MIDS.

6. Clarify the requirements for the number of Meter measuring elements and measurement transformers in the CoPs CP Progression Paper (ISG259/07)

6.1 The Metering Codes of Practice (CoPs) specify the number of measuring elements required to be metered in relation to the number of primary system conductors. However, the requirements don't appear to be sufficiently clear or are not being complied with, highlighting a scenario where a Meter Operator Agent (MOA) reported the lack of clarity on determining the number of measuring elements required by the CoP.

6.2 This CP proposes to clarify the requirements to equipment owners regarding the number of Current Transformers (CT) needed, and the possible need for a Voltage Transformer (VT) neutral.

6.3 The ISG:

- a) **NOTED** the proposed progression timetable for the CP;
- b) **PROVIDED** any comments or additional questions for inclusion in the CP Consultation; and
- c) **NOTED** that this CP will be presented to the SVG on 1 November 2022.

7. Specifying the requirements to provide Single Line Diagrams (SLDs) for High Voltage (HV) and Extra High Voltage (EHV) sites CP Progression Paper (ISG259/08)

- 7.1 Currently there is no requirement in the BSC to produce SLDs despite a number of BSC processes requiring one to be submitted. Without the requirement to produce SLDs being specified, some Parties have not felt incentivised to create them.
- 7.2 A requirement will be added to the relevant Codes of Practice (CoPs) that mandates that an SLD must be created, and be auditable, for new HV and EHV Metering Systems, or reconfiguration of HV and EHV sites, e.g. which may introduce additional Boundary Point connections or an embedded Metering System.
- 7.3 The ISG:
- a) **NOTED** the proposed progression timetable for the CP;
 - b) **PROVIDED** any comments or additional questions for inclusion in the CP Consultation; and
 - a) **NOTED** that this CP will be presented to the SVG on 1 November 2022.

8. CP1569 'Amendments to the IDD documentation to align with SAA migration' (ISG259/09)

- 8.1 The Settlement Administration Agent (SAA) BSC System can currently access a database shared with the Central Registration Agent (CRA) BSC System and Central Data Collection Agent (CDCA) BSC System. However, the SAA BSC System will be migrated to a new cloud platform by February 2023 and will no longer have access to this shared database.
- 8.2 The proposed solution for this CP is to amend the NETA Interface Definition and Design (IDD) documentation to reflect the future state of the interactions between the SAA System and the CRA and CDCA Systems.
- 8.3 The ISG:
- c) **AGREED** the amendments to the proposed redlining to NETA IDD Part 2 for CP1569 made following the CP Consultation;
 - d) **APPROVED** the proposed changes to NETA IDD Part 1 and Part 2 documents for CP1569; and
 - b) **APPROVED** CP1569 for implementation on 23 February 2023 as part of the standard February 2023 Release.

9. Metering Dispensation D/541 Sutton Bridge PV Farm (ISG255/02) Application Amendment – Verbal Update

- 9.1 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.
- 9.2 ISG approved, in July, a lifetime Metering Dispensation (D/541) from CoP2. The Metering Dispensation was approved on the circumstances that the circuits between the DMP and the proposed AMP shall be no more than 120m, which is as close as practicable. This has now changed since the cables have been installed. The distance has gone from 120m to 300m, due to the relocation and rerouting of the cable between the DMP and AMP because of planned future expansion at the substation by NGET. The impact on Settlement for losses has changed from 0.0063% to 0.0183%.
- 9.3 The ISG:
- 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.

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10. CPC Timetable 2022-2023 (ISG259/06)

- 10.1 Ellexon invited the ISG members to note the proposed CP Impact Assessment timetable dates for 2022/2023 (from 7 November 2022).
- 10.2 The ISG:
- a) **NOTED** the CP Impact Assessment timetable for 2023.

- 11. Amendments to the approved NETA Interface Definition Design Spreadsheet, SVA Data Catalogue Volume 2 and the D0393 Market Message for P376 (ISG259/11)**
- 11.1 During the continued P376 development process it has been identified that further changes to the IDD Part 1 Spreadsheet, SVA Data Catalogue Volume 2 and the Retail Energy Code's' EMAR Data Specification are required to align with changes to be introduced by P376.
- 11.2 This CP seeks to amend the IDD Part 1 Spreadsheet and SVA Data Catalogue Volume 2 to accurately reflect information relating to new data flow P0333 'Baselining Expected Volume Report' being introduced through P376 for BSC Parties. It also seeks to amend the HDI group in the P0311 'Invalid Metering System Data' flow to reinstate the Message Role 'D' (Data) to ensure the structure of P0311 is not changed by P376 implementation. Furthermore, a change is required to the format of the new D0393 'Metered Volume History Acceptance' Market Message, so that the 'History Days' input is optional.
- 11.3 The ISG:
- a) **NOTED** the proposed progression timetable for the CP; and
 - b) **PROVIDED** any comments or additional questions for inclusion in the CP Consultation.