

Minutes

ISG (Imbalance Settlement Group)

Meeting number **246**

Venue **Teams**

Date of meeting **5 October 2021, 13.00**

Classification **Public**

Attendees and apologies

Attendees

Iain Nicoll	IN	ISG Chair
Jenny Sarsfield	JES	ISG Technical Secretary
Angus Fairbairn	AF	Elexon Presenter
Aylin Ocak	AO	Elexon Presenter
Craig Murray	CM	Elexon Presenter
David Thomas	DT	Elexon Presenter
George Crabtree	GC	Elexon Presenter
Mike Smith	MS	Elexon Presenter
Stanley Dikeocha	SD	Elexon Presenter
Lisa Waters	LW	Panel Sponsor
Aaron Seamer	AS	ISG Member
Grahame Neale	GN	ISG Member
Olaf Islei	OI	ISG Member
Robert Johnston	RJ	ISG Member

Apologies

Emma Burns	EB	ISG Member
Phil Hewitt	PH	ISG Member
James Stone	JS	ISG Member

Attendees and apologies

Dennis Timmins	DT	ISG Member
Oliver Zhe Xing	OZX	ISG Member

OPEN SESSION - Decision Papers

1. Approval of P399 Configurable Item changes for the November 2021 BSC Release (ISG246/01)

- 1.1 This paper invited the ISG to approve the changes to BSC Configurable Items amended for P399 as part of the November 2021 BSC Release.
- 1.2 The ISG :
- a) **APPROVED** the amendments to the documents listed in Table 1, as detailed in Attachment A, to be implemented on 4 November 2021 as part of the standard November 2021 BSC Release.

2. Approval of P375 Configurable Item changes for the June 2022 BSC Release (ISG246/02)

- 2.1 This paper invited the ISG to approve the changes to BSC Configurable Items amended for P375 as part of the June 2022 BSC Release.
- 2.2 The ISG :
- a) **APPROVED** the amendments to the documents listed in Table 1, as detailed in Attachment A, to be implemented on 30 June 2022 as part of the June 2022 standard BSC Release.

3. Market Index Definition Statement (MIDS) Review 2021 Consultation Result (ISG246/05)

- 3.1 Following the September ISG meeting, Elexon issued the MIDS review paper for industry consultation. This paper presented that no responses were received from the consultation and invited the ISG to make its final recommendations to the BSC Panel.
- 3.2 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.

4. Approval of the Reference Network Mapping Statement 2020/2021 for use in BSC Year 2022/2023. (ISG246/08)

- 4.1 Elexon invited the ISG to approve the draft reference Network Mapping Statement 2020/2021 for use in the BSC Year 2022/2023.
- 4.2 The ISG:
- a) **APPROVED** the attached draft reference NMS 2020/2021 for use as the reference NMS in the BSC Year 2022/2023; and
- b) **NOTED** that Elexon will provide the reference NMS 2020/2021 to the TLFA and the NETSO and will publish it on the BSC Website no later than 19 October 2021.

5. CP1544 'BSCCo Approved EFR Representative sign-off required for any EFR plan following escalation' Assessment Report (ISG246/03)

- 5.1 This document is the Change Proposal (CP) Assessment Report for CP1544 which Elexon will presented to the PAB at its meeting on 30 September 2021 and the ISG and SVG at their respective meetings on 5 October 2021.
- 5.2 The ISG:
- a) **APPROVED** the proposed changes to BSCP538 for CP1544;

- b) **APPROVED** CP1544 for implementation on 4 November 2021 as part of the standard November 2021 Release; and
- c) **NOTED** that CP1544 was also presented for decision to the:
 - PAB on 30 September 2021; and
 - SVG on 5 October 2021.

6. Metering Dispensation D/524 – Glassenbury 10MW BESS (ISG246/06)

- 6.1 Gazprom Energy Ltd (Gazprom) has applied for a lifetime Metering Dispensation (D/524), from Code of Practice (CoP) 2. The application relates to the location of the Metering Equipment associated with a proposed new 10MW Battery Energy Storage System (BESS) at Glassenbury. The Glassenbury site has an existing 50MW connection and a 40MW BESS which is metered to CoP2 standards at the Defined Metering Point (DMP). Gazprom proposes to install a new 10MW BESS on land adjacent to the Glassenbury site and connect it into the Glassenbury 33kV private network, below the Glassenbury site DMP, rather than have a separate connection to the Distribution System. Gazprom proposes to compensate the 10MW BESS Metering System for losses to the existing DMP. Gazprom is also the Registrant of the 40MW BESS Metering System. We invite the ISG to approve Metering Dispensation D/524 on a lifetime basis, subject to a condition.
- 6.2 An ISG Member questioned how it would be possible to ensure that future registrants agree with the apportionment. There was concern as SVA metering system registrants are not usually monitored so there are no monitoring systems in place, creating a future risk. Elexon explained that ISG could put condition on the metering dispensation that would mean if in the future the registrants change and they did not agree then the dispensation would be void.
- 6.3 An ISG Member also questioned the fact that control system changes were cited as a reason not to change the meters, as usually they would be a standalone system. Elexon asked whether the ISG would like the applicant to confirm estimated costs and timescales for the system changes. The ISG members also requested an explanation of what output from settlement meters is being input into control systems and how compensating the meters would impact this.
- 6.4 An ISG Member also asked if it would be possible to add a provision that if the meters are changed in future they would have to be a compliant meter that had the functionality to apply compensation for power transformer losses and cable losses.
- 6.5 Action on Elexon to go back to the applicant for the costs and timescales associated with adding compensation to the Meters; and how the output from the Meters is used for the control system and how the error between the inverter outputs and compensated Meter outputs is material; and propose a possible conditional Metering Dispensation until the Meters are changed in 10-15 years' time for ones that can be compensated and the control system updated.
- 6.6 The ISG:
 - a) **DEFERRED** Metering Dispensation D/524, for the Glassenbury B 10MW Battery Energy Storage System, on a lifetime basis on condition that future Registrants of all the Metering Systems related to Glassenbury A and B agree with the method and apportionment arrangements for compensating the 10MW BESS Metering Systems for losses on the private network.

OPEN SESSION - Information Papers

7. Confirmation of CoP Compliance and Protocol Approval – Firmware updates to the Elster Vision/A1700/A1700i integral Outstation Meter Types (PB2 and PB3) (ISG246/07)

- 7.1 Honeywell (Elster Metering Limited), a Meter manufacturer, has notified Elexon about historic firmware updates to the Vision (also known as the A1700 and A1700i) Meter types (PB2 and PB3). It has confirmed that the firmware updates do not impact compliance with the relevant Code(s) of Practice (CoPs) or the protocols these Meter types use. We invite the ISG to note that we: issued an updated Certificate of Compliance to Elster Metering Limited; updated the CoP Compliance and Protocol Approvals list; informed industry via a Newscast article about the update; and will take a similar information paper to the Supplier Volume Allocation Group (SVG) for the Vision/A1700/A1700i, including the A1140 and AS230, Meter types.

7.2 An ISG Member commented that this discovery was as a result of Elexon and the data collector questioning, rather than the manufacturer notifying Elexon. Elexon explained further that questions were raised following a data collection protocol approval application that led to the discovery of these updates. This has led Elexon to consider developing an annual process to confirm whether any changes have happened. ISG Members supported this.

7.3 The ISG:

- a) **NOTED** that Elexon issued Elster Metering Limited, a Meter manufacturer, with updated Certificates of Compliance for the Vision/A1700/A1700i integral Outstation Meter types, against the relevant Codes of Practice;
- b) **NOTED** that Elexon updated the 'CoP Compliance and Protocol Approval' list to include these updated firmware versions;
- c) **NOTED** that Elexon issued a Newscast article notifying BSC Parties and BSC Party Agents of the updated firmware versions; and
- d) **NOTED** that Elexon will take a similar paper to the Supplier Volume Allocation Group for the Vision/A1700/A1700i, including the A1140 and AS230, integral Outstation Meter types.

8. **New Change Proposal 'Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations' Progression Paper (ISG246/04)**

8.1 This document provided information on a new Change Proposal (CP) and outlined the proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch.

8.2 As of 1 January 2021 the requirements for new Meters being placed on the market in Great Britain (GB) have changed. BSCP601 'Metering Protocol Approval and Compliance Testing' includes references to the outdated requirements for new Meters and must be amended to align with new Government policy.

8.3 An ISG member was concerned about existing uninstalled meters being non-compliant, but Elexon confirmed that the change will only apply to new meter types and existing meters will be unaffected.

8.4 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.
- c) **NOTED** that the CP will be presented to:
 - the SVG on 5 Oct 2021.

9. **New Change Proposal 'Updates to monitoring of voltage failure alarms requirements' Progression Paper (ISG246/09)**

9.1 This document provided information on a new Change Proposal (CP) and outlined the proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch.

9.2 Currently, there is a lack of clarity around the technical requirements of monitoring Voltage Transformers (VTs) and whether voltage monitoring (i.e. phase failure) can or cannot be combined with other prevailing conditions before the phase failure alarm is activated.

9.3 An ISG Member questioned how this change would eliminate incidents of the type that occurred last year, where a multicore cable was accidentally chopped to the metering system at a grid substation. In incidents such as this, the meter loses all signal, so there is no way to distinguish if it is caused by a genuine outage or an incident that required investigation. Elexon stated that they believed it was better to generate an alarm and require investigation in such cases, rather than potentially leaving true incidents undetected.

9.4 A member also questioned whether the Data Collector would have an obligation to investigate an alarm and, if so, why they were not listed as an affected party. Elexon confirmed that the Data Collector would have an obligation to investigate, but as they already have this obligation for alarm failures, and processes are in place when they see an alarm, they were considered to have no direct impact. An ISG Member stressed the

importance of Party obligations being fully understood, and Elexon agreed, stating that the full end-to-end process was being considered, including escalation to Elexon if no progress was made in an investigation.

- 9.5 An ISG Member also commented that, for certain failures, it is unlikely that the voltage will go down to zero, and questioned if that had been considered. Elexon confirmed that they will consider the voltage range as part of the consultation, which would include discussion with meter manufacturers as they have a good understanding of what the meters are configured to do.
- 9.6 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.

OPEN SESSION - Tabled Items

10. Change Report

- 10.1 This report presents a comprehensive monthly overview of the changes in the BSC Change Process.
- 10.2 The ISG:
- a) **NOTED** the report.

11. System Price Analysis Report

- 11.1 The System Prices Analysis Report (SPAR) provides a monthly update on price calculations. It is published by the Elexon Market Analysis Team on the Elexon Website ahead of the monthly ISG meeting.
- 11.2 The ISG:
- a) **NOTED** the report.

Other Business

12. Actions

- 12.1 The ISG noted the update on the Actions.
- 12.2 Elexon updated the ISG on the progress of Issue 93 'Review of the BSC metering Codes of Practice', as requested in the September meeting due to the discussion of the relevant CoP for embedded circuits. The fourth Workgroup was held on 17 September, where Elexon presented the proposed solution. The next step is to look at which aspect this best falls into and generate the redlining.

13. Panel Update

- 13.1 National Grid ESO presented an update on the Distributed Restart Project, in which they have now completed some trials.
- 13.2 Further work has been undertaken on the cost benefit analysis options for [BSC Modification P415 'Facilitating access to wholesale markets for flexibility dispatched by Virtual Lead Parties'](#). The BSC Panel disagreed with the Workgroup, who wanted to use full market modelling with network impacts for the cost benefit analysis. The Panel asked for the analysis to be done without network impacts.
- 13.3 [BSC Modification P332 'Revisions to the Supplier Hub Principle'](#) consultation responses were presented, where Suppliers supported the change and Agents did not. After an extensive discussion, the Panel recommended the Modification be approved.
- 13.4 [BSC Modification P375' Settlement of Secondary BM Units using metering behind the site Boundary Point'](#) configurable items were presented and approved for implementation in June 2022.
- 13.5 The new CACoP website was due to be launched in September.
- 13.6 The Panel Chair reported a meeting of code chairs, in which they discussed if they should feed into the governance review. Some of the other chairs didn't feel like they were in a position to do that.
- 13.7 Credit Assessment Price (CAP) increases were discussed.

- 13.8 The process for exempt supply applications was discussed. Usually SVG approves what can be considered as exempt supply for EMRS, but due to methodology issues the committee were not approving any applications until a process has been approved by the Panel. The Panel approved the current method while the enduring solution is being developed.

14. Minutes from previous meeting

- 14.1 The ISG agreed the minutes from the previous meeting without comment.

15. Areas of Other Business

- 15.1 None