

# UPDATE ON THE IMPLEMENTATION OF THE RECOMMENDATIONS FROM THE REVIEW OF METERING DISPENSATIONS AND NON-STANDARD BM UNITS

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**MEETING NAME** BSC Panel

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**Paper number** 283/06

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**Purpose of paper** Information

**Classification** Public

**Summary** This paper provides the Panel with an update on the actions that ELEXON has taken to implement the recommendations from the review of Metering Dispensations and non-standard BM Units.

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## 1. Background

- 1.1 During the second half of 2016 and the start of 2017, ELEXON conducted a review of Metering Dispensations and non-standard Balancing Mechanism (BM) Units. This was requested by the Panel and conducted as a BSC Review in accordance with [BSC Section C 'BSCCo and its Subsidiaries'](#), paragraph 3.8.
- 1.2 At its meeting on 9 March 2017 ([Panel 264/08](#)), ELEXON presented a number of recommendations arising from the review. The Panel endorsed these recommendations.
- 1.3 At its meeting on 14 December 2017 ([Panel 273/06](#)), ELEXON presented an update on the actions that ELEXON had taken to implement the review of Metering Dispensations and non-standard BM Units. At that meeting, ELEXON reported that actions had been taken to resolve 11 out of the 15 recommendations. Further, updates were provided at the Panel Meetings on 12 April 2018 ([Panel 277/07](#)) and 12 July 2018 ([Panel 280/10](#)).
- 1.4 This paper provides the Panel with an update on the progress made towards implementing the outstanding four recommendations.

## 2. Recommendation 3:

- We recommend that ELEXON sets up a working group to propose solutions to the issue of metering low voltage (LV) supplies in Offshore wind farm substations (and onshore substations generally).
- 2.1 As reported in December 2017, this was on hold until mid to late 2018 due to other workload commitments. ELEXON has now drafted an Issue and this will be progressed by the Change Team in due course. There is no dependency between this and other recommendations from the review. This is likely to need a BSC Modification to be able to implement any recommendations of a Workgroup.

## 3. Recommendation 7:

- We recommend that all 'differencing arrangement' Grid Supply Points (GSPs) and related sites (Power Stations or Distribution Systems Connection Points (DSCPs)) are subject to a detailed review to determine:
  - the location of the Metering Systems involved and any material changes to the site(s) that affect the Metering Dispensation or differencing;

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- whether appropriate compensation is applied for electrical losses from the Actual Metering Point (AMP) to the Defined Metering Point (DMP) (where necessary or appropriate); and
  - whether any significant work is due to take place at that GSP such that Metering Equipment can be installed at the appropriate DMP(s) and the difference metering arrangement removed/modified so as to remove/reduce a potential ongoing risk to Settlement.
  - We will also promote awareness with the Licensed Distribution System Operators (LDSOs) (Registrants) and the Transmission System owners of the differencing arrangements in order to reduce the risks of detrimental effects by new connections on the differencing arrangements.
- 3.1 We initially identified thirty-six GSP sites with differencing arrangements. One GSP is no longer registered in Settlement however the Registrant needs to withdraw the associated Metering Dispensation. Three GSPs now no longer have a differencing arrangement in place as the circuits differenced off the GSP metering have been de-registered in Settlement and the Metering Dispensations have been withdrawn. We have sent a questionnaire form to the Registrants of circuits associated with the remaining 32 GSP sites asking for information about the GSP and requesting electrical single line diagrams. We gave Registrants 20 Working Days (WDs) to respond to this request with a cut-off date of 30 August 2018.
- 3.2 As of 30 August 2018, we received 43 out of the 66 diagrams required for the review. This represents 16 GSP sites that can be reviewed. We have chased four Registrants for the remaining 23 diagrams and as of 24 September 2018, we received seven more diagrams representing a further four GSP sites that can be reviewed.
- 3.3 Aggregation Rules and Meter Technical Details (MTDs) for all the sites have been provided by the Central Data Collection Agent (CDCA).
- 3.4 As of 5 September 2018, we have reviewed 16 GSP sites and their associated Aggregation Rules and MTDs. We have found no material issues. We have however found that one Metering Dispensation is not in place for differencing for a GSP<sup>1</sup>, eight Metering Dispensations for GSPs need to be updated and seven withdrawn<sup>2</sup> to take into account circuits that have been added or removed. Two Metering Dispensations<sup>3</sup> reviewed are still fully valid. Of the GSP sites that still require difference metering (10<sup>4</sup>), none have any significant work planned for them that would allow for the difference metering arrangements to be removed.
- 3.5 We will continue to review the diagrams we have (to do four GSP sites) and chase the four Registrants for the remaining 16 diagrams (to do the remaining 12 GSP sites).

## 4. Recommendation 8:

- 4.1 ELEXON will work with the respondent [to the [consultation](#) issued as part of the review of Metering Dispensations and non-standard BM Units] to identify the perceived ambiguities. ELEXON will then determine what changes may be appropriate to guidance notes, the BSC or the Code Subsidiary Documents (CSDs) and where it is able to make these changes (e.g. to guidance) or recommend changes for the Panel or relevant Committee(s) to progress.

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<sup>1</sup> The circuits differenced off the GSP are disconnected but the associated Metering System and BM Unit for these circuits have not been deregistered yet. Future connections could be made at these connections meaning differencing may be required at a later date.

<sup>2</sup> The circuits differenced off the GSPs have now been removed or in one case the GSP is no longer in Settlements.

<sup>3</sup> One for a DSCP and one for a GSP.

<sup>4</sup> Excludes the GSP that has no Metering Dispensation for differencing (that will soon no longer need differencing but may in the future if new connections are made).

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4.2 ELEXON met with the respondent to the consultation on 29 June 2018. ELEXON is planning to set up a Workgroup in November 2018 to discuss some of the suggestions put forward and identify if a BSC Party is willing to raise any appropriate Change Proposals.

## 5. Recommendation 9:

- ELEXON will review its records of Metering Dispensations with a view to:
    - completing and re-publishing records where there is missing information that is not confidential, e.g. Metering System Identifiers (MSIDs);
    - determining, with the support of Registrants, whether (elements or all of) previously confidential Metering Dispensations can now be made public; and
    - determining, with the support of Registrants and targeted site visits by the Technical Assurance Agent (TAA) where necessary, whether historical, lifetime Metering Dispensations are now redundant, e.g. because the BSC requirements have evolved or the configuration and provision of Metering Equipment at a site has over time been upgraded and now complies with the BSC.
- 5.1 There are two out of 220 approved Metering Dispensations where we do not have the MSIDs. These are complex sites and the Registrants of the sites have provided multiple MSIDs that the Metering Dispensations could relate to.
- 5.2 For one of these sites, the Registrant has confirmed that it will investigate this with the relevant LDSO, although we have not had a further update on this investigation since 4 August 2018. We chased again on 4 September 2018 with no response. We have since instructed the TAA to carry out a targeted Inspection Visit to determine if the Metering Dispensation is still valid and which MSID it relates to.
- 5.3 For the second site, we have not received a response from the Registrant despite chasing on 2 July 2018 and escalating on 25 July 2018. We have now instructed the TAA to carry out a targeted Inspection Visit to determine if the Metering Dispensation is still valid and which MSID it relates to.
- 5.4 There are 21 confidential Metering Dispensations. ELEXON has emailed the Registrants of these asking whether basic information relating to these Metering Dispensations can be made public. The deadline for providing a response was 22 March 2018.
- 5.5 As of 28 September 2018, the status of the responses were as follows:
- Registrants of 13 confidential Metering Dispensations have agreed to basic information about the Metering Dispensations being made public; and
  - Registrants of six confidential Metering Dispensations wish all the information about their Metering Dispensations to remain confidential.
- 5.6 This work identified that two of the Metering Dispensations were no longer required. This concludes this aspect of Recommendation 9.
- 5.7 The missing MSIDs and basic information for confidential Metering Dispensations that can be shared will be published once we have identified the two missing MSIDs and confirmed whether those Metering Dispensations are still required.
- 5.8 There are 220 approved Metering Dispensations requiring a site visit to review the Metering Equipment. The TAA will conduct these reviews as sites come up in the TAA Audit Schedule. ELEXON has raised a change request with the TAA asking for costs and timescales of updating their system to report on approved Metering Dispensations. ELEXON and the TAA met on 10 August 2018 to discuss this. We received the

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Impact Assessment response from the TAA on 4 September 2018. We will discuss the Impact Assessment response with the TAA in the first week of October 2018.

## 6. Recommendations

6.1 We invite you to:

- a) **NOTE** the progress made towards the implementation of the recommendations from the review of Metering Dispensations and non-standard BM Units.

### **For more information, please contact:**

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