

REFERENCE NETWORK MAPPING STATEMENT FOR 2018-19

MEETING NAME BSC Panel Meeting

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Purpose of paper Information

Classification Public

Summary The methodology for the production of the draft reference network mapping statement for 2017-18 was approved by the Panel in August 2017, and was applied in the derivation of Seasonal Zonal Transmission Loss Factors for use in 2018-19, as required by Approved Modification [P350 'Introduction of a seasonal Zonal Transmission Losses scheme'](#). At the October 2018 meeting the BSC Panel will be invited to approve any proposed changes to the draft reference network mapping statement.

1. Introduction

- 1.1 Approved BSC Modification [P350 'Introduction of a seasonal Zonal Transmission Losses scheme'](#) introduced a Transmission Loss Factor (TLF) for each TLF Zone and BSC Season. The TLF Zones are aligned with the existing Grid Supply Point (GSP) Groups so transmission losses can be allocated on a geographical basis. P350 went live on 1 April 2018.
- 1.2 P350 includes a requirement that the BSC Panel approves a reference Network Mapping Statement (NMS) for use in a BSC Year by no later than 19 October in the preceding BSC Year, and for ELEXON to provide the approved reference NMS to the Transmission Loss Factor Agent (TLFA), the Transmission Company, and publish it on the BSC Website.

2. Methodology for producing the draft reference NMS

- 2.1 The draft reference network mapping statement (NMS) contains the list of all Balancing Mechanism (BM) Units that are directly connected to the Transmission System (directly connected BM Units), Grid Supply Points (GSPs) and Interconnectors that were registered in the Central Registration Service, and HVDC Boundaries, for the RY, and, where required, their mapping to the relevant Node(s) for every registration and de-registration up to the end of the RY (31 August).
- 2.2 The draft reference NMS contains the following:
 - a) for each Volume Allocation Unit (VAU) (other than a GSP Group, Supplier BM Unit, Interconnector BM Unit, or BM Unit Embedded in a Distribution System), the Node which represents or best represents that VAU or the Boundary Points at which that VAU is connected to the Transmission System (it being recognised that one Node may represent several such points);
 - b) for each Node, the Zone in which the Node lies;
 - c) for each BM Unit, the Zone in which the BM Unit lies; and
 - d) for each HVDC Boundary, the Node which represents or best represents the HVDC Boundary.

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3. Consultation with BSC Parties

- 3.1 ELEXON has produced the draft reference NMS, which was issued for Consultation on 31 August 2018. ELEXON has published the draft reference NMS in Newscast, on the BSC Website and emailed it directly to BSC Parties via ELEXON's CVA and SVA Distribution lists.

4. Next Steps

- 4.1 ELEXON will present the draft reference NMS highlighting any amendments made following the Consultation to the BSC Panel in October for approval.

5. Recommendations

- 5.1 We invite the BSC Panel to:
- a) **NOTE** the methodology for producing the draft reference NMS;
 - b) **NOTE** the draft reference NMS;
 - c) **NOTE** the Network Mapping Statement for the Determination of Transmission Loss Factors;
 - d) **NOTE** the proposed approach for consulting with industry on the draft reference NMS;
 - e) **NOTE** that ELEXON will present the draft reference NMS to the BSC Panel for approval at its October 2018 meeting.

Attachments

Attachment A – P350: Proposed Network Mapping Statement (01/09/2017 – 31/08/2018)

Attachment B – P350: Network Mapping Statement for the Determination of Transmission Loss Factors

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