

## Allocating New Grid Supply Points (GSPs) to a GSP Group – Barking Central

### Supplier Volume Allocation Group (SVG)

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**Summary**

**The National Electricity Transmission System Operator (NETSO) is registering two new Grid Supply Points (GSPs), and de-registering one existing GSP, at Barking Central. The SVG, under delegated authority from the BSC Panel, must allocate these new GSPs to a GSP Group, and approve the removal of an existing GSP from a GSP Group. Elexon recommends that the SVG allocates the BARKR\_A GSP to the Eastern (\_A) GSP Group, the BARKR\_C GSP to the London (\_C) GSP Group, and approves the removal of BARKC1 GSP from the London (\_C) GSP Group.**

### 1. Why have we brought this matter to the SVG?

- 1.1 The NETSO is registering two new GSPs, and de-registering an existing GSP. The SVG, under delegated authority from the BSC Panel, must allocate a new GSP to a GSP Group in accordance with [BSC Section K1.8](#) and [BSC Procedure \(BSCP\) 25](#).
- 1.2 As part of a 132kV Switchgear change at Barking Central Substation, the NETSO and the affected LDSO (UK Power Networks) are taking the opportunity to regularise the connection arrangement where supplies to two LDSO Networks (UK Power Networks (Eastern Power Networks) (EASTELEC)) and UK Power Networks (London Power Networks) (LPN)) are currently the subject of a difference metering scheme. (Metering Dispensations D/76<sup>1</sup> & D/11<sup>2</sup>).
- 1.3 This involves the registration of two 'new' GSPs to be known as BARKR\_A for EASTELEC, and BARKR\_C for LPN, and the eventual de-registration of the existing Grid Supply Point (BARKC1) registered to LPN and the deregistration of the Distribution System Connection Point (DSCP) BARKC\_A registered to EASTELEC<sup>3</sup>.
- 1.4 The NETSO proposes that:
  - GSP BARKR\_A is allocated to the Eastern (\_A) GSP Group;
  - GSP BARKR\_C is allocated to the London (\_C) GSP Group; and
  - GSP BARKC1 is (eventually) removed from the London (\_C) GSP Group.<sup>4</sup>

<sup>1</sup> The existing Metering Equipment for GSP\_BARKC1 is located in the 275/132kV substation at the SGT1B, 2B, 3B and 4B 132kV terminals and not at the commercial interface on the outgoing feeder connections from the old Air Insulated Switchgear (AIS) 132kV busbars at Barking Central 132kV substation. The metered volumes for the two feeders to Eastern Power Networks (II\_BARKC\_A) are differenced off at a GSP Group Take level.

<sup>2</sup> The existing Metering Equipment for II\_BARKC\_A is located at the Crowlands Road Bulk Supply Point (BSP) and not at the commercial interface on the outgoing feeders from the old AIS 132kV busbars at Barking Central.

<sup>3</sup> Although not part of the Consultation, DSCP BARKC\_A will also eventually be removed from the Eastern (\_A) and London (\_C) GSP Groups.

<sup>4</sup> Although not part of the Consultation, DSCP BARKC\_A will also eventually be removed from the Eastern (\_A) and London (\_C) GSP Groups.

## 2. The case for approving this allocation

- 2.1 The SVG should consider the following when allocating GSPs to GSP Groups (BSC K1.8.3-K1.8.4):
- The effect of geographical factors in establishing Daily Profile Coefficients;
  - The effect of the size of the GSP Group on GSP Group Correction Factors;
  - The effect of the proximity (in terms of electrical connection) of the Boundary Points on the value to the NETSO (in the operation of the NETSO) of Supplier BM Unit Physical Notifications and Bid-Offer Pairs; and
  - The views of impacted parties (Ofgem, the NETSO, impacted Licenced Distribution System Operators (LDSOs) and all Suppliers).
- 2.2 The NETSO and UK Power Networks have stated that the new BARKR\_A GSP should be allocated to the Eastern (\_A) GSP Group because the System Connection Points will be from the NETSO to the UK Power Networks (Eastern Power Networks) (EASTELEC) \_A Distribution System.
- 2.3 The NETSO and UK Power Networks have stated that the new BARKR\_C GSP should be allocated to the London (\_C) GSP Group because the System Connection Points will be from the NETSO to the UK Power Networks (London Power Networks) (LPN) \_C Distribution System.
- 2.4 The NETSO and UK Power Networks have stated that no changes to the allocation of GSPs are required as a result of the de-registration of GSP BARKC1. This is because these works and consequent registration changes are being undertaken to regularise an existing situation. The new GSPs replace an existing GSP and DSCP connected to the Eastern and London Distribution Systems.
- 2.5 We issued a two-week industry consultation on 15 February 2021 so that Suppliers and other relevant parties could submit their views.
- 2.6 No comments on this Consultation were received. This is not a cause for concern as the NETSO and UK Power Networks agreed to the GSP Group allocations/removal prior to the consultation.

## 3. Recommendations

- 3.1 We invite the SVG to:
- a) **APPROVE** the allocation of GSP BARKR\_A to the Eastern (\_A) GSP Group;
  - b) **APPROVE** the allocation of GSP BARKR\_C to the London (\_C) GSP Group; and
  - c) **APPROVE** the removal of GSP BARKC1 from the London (\_C) GSP Group.

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