

National Grid Electricity Transmission plc (NGET) has submitted two applications pursuant to section 37 of the Electricity Act 1989 to the Department for Energy Security and Net Zero (DESNZ) in respect of certain Overhead Line (OHL) works which are required as part of the Harker Energy Enablement (HEE) scheme. Works are proposed in two locations, on the V route at tower V28 and at tower AL68 on the AL route north of Harker.

### V Route

The substation rebuild includes installation of a new tower V27R within the new Harker substation site. This will replace the existing tower V27 to allow the existing Gretna-Harker-Hawick circuit to be transferred from the existing 132kV substation to the new 132kV substation. While the new tower is being constructed, a temporary tower, V27T, is required to maintain the existing Gretna-Harker-Hawick OHL from tower V28 to tower V26 (see extract below and attached drawing 21765-BHK-0608-ZZ-DR-O-001515).

The majority of these works will be undertaken within the substation site or within the existing OHL easement and, as such, will be on land within the control of NGET and will therefore be exempt from consent under the Overhead Lines (Exemption) (England and Wales) Regulations 2009. However, a short section of line from V28 to the new temporary tower V27T, will be located outside of land in NGET control. Due to the temporary OHL being installed for a period exceeding six months it is not exempt and requires section 37 consent.

Once tower V27T is erected the circuit will be transferred from V27R. The existing circuit will be lowered off V27 and raised onto V27T using an erection winch, one phase at a time. The new circuit will be strung around V27T using pilot bonds initially, then replaced by the conductors during a pulling operation. Once the substation extension is completed, the circuits will be transferred from V27T over to V27R and downloads installed onto the Cable Sealing End Platform within the substation site.

The temporary diversion will be installed in June 2025 and will realign the conductor configuration within the swathe outside of the substation land and overhead line corridor. The transfer to V27R is currently planned for June 2026.

### AL Route

The AL route begins at tower AL51 on the Scottish side of the border and runs in a north-east direction until it meets the V route at tower AL68. Tower AL68 is situated at Grid reference: NY 37638 72396 to the north of the market town of Longtown and just to the south of the Scotland – England border. At tower AL68 the OHL requires modification with the installation of two smaller towers, V70A and V70B, to facilitate a duck under arrangement whereby the newly installed second circuit travels underneath the existing AL route and connects to the existing Gretna-Hawick circuit to form a second Gretna-Harker-Hawick circuit. Depending on commissioning discussions the final connection could be completed in Sept-25 or July-26.

Any person wishing to comment on this application should send particulars of such to DESNZ, 3-8 Whitehall Place, London, SW1A 2JP or via email to [S37consents@energysecurity.gov.uk](mailto:S37consents@energysecurity.gov.uk) identifying the name of the overhead line and the comment or grounds for objection. It is requested that a copy is also emailed to [harker@nationalgrid.com](mailto:harker@nationalgrid.com)