

Officer Report

Application Number:	HGY/2023/0953
Application Type:	Approval of details reserved by a condition
Address:	Tottenham Substation, Watermead Way, London, N17 0XD
Proposal:	Approval of Requirement 3 (Stages of authorised development) of the North London Reinforcement Order 2014 (The Order) attached to development consent order HGY/2014/3601
Case Officer:	Nathan Keyte
Valid Date:	03/04/2023
Applicant:	Arup
Agent:	Aoife Connaughton

RECOMMENDATION

Approve

1. APPROVED DEVELOPMENT

North London Reinforcement Project to replace and maintain an existing section of 275kV overhead power line with a 400kV overhead line and to undertake works to the associated substations at Waltham Cross, Brimsdown and Tottenham. This is designed to help facilitate the increased flow of electricity into London.

2. ANALYSIS/ASSESSMENT

Requirement 3 (Stages of authorised development) of The National Grid (North London Reinforcement) Development Consent Order 2014 (the DCO) states:

“The authorised development shall not commence until a written scheme setting out all the stages of the authorised development has, after consultation with the relevant highway authority and Lee Valley Regional Park Authority, been submitted to and approved by the relevant planning authority”.

Pursuant to Requirement 3 of the North London Reinforcement Order 2014 (the Order) the applicants have submitted a Written Scheme setting out the stages of the authorized development.

The table below sets out the stages of Authorised Development to be approved.

Stage	Name	Description	Indicative Period of works	Relevant Local Planning Authority
0	Early enabling works	Construction of 12 foundations for Cable Sealing End Compounds at Tottenham substation, at the location of pylon VC1R. [This stage of work has been completed and is therefore not detailed in this document]	Q1 2019 – Q3 2019	London Borough of Haringey
1	Waltham Cross substation	Establishment of material holding facility and laydown area by Stubbins Hall Lane. Construction of new gas insulated switchgear substation at Waltham Cross.	Q1 2024 – Q2 2028	Epping Forest District Council
2	Brimsdown substation	Extend existing Brimsdown substation. Construction of a new bridge over the Small River Lee (Turkey Brook). Establishment of laydown area. Installation of cable sealing end compound at ZBC19, and underground cables to Brimsdown substation; removal of cable sealing end compounds at ZBC20, and cables between ZBC20 and Brimsdown substation. Remodelling existing bund and works to temporarily divert footpath. Creation of new permanent footpath linking footpath at dismantled railway to Footpath No. 103; and new diversion Footpath No. 103.	Q3 2024 – Q2 2028	London Borough of Enfield

3a	Tottenham substation preparatory works	Demolition and remediation works.	Q1 2024 – Q3 2024	London Borough of Haringey
3b	Tottenham substation	Establishment of material holding facility and laydown area. Works to facilitate bypassing of Tottenham substation.	Q3 2024 – Q2 2028	London Borough of Haringey
4	Reconducting Tottenham Hackney VC2	Installation of new transmission pylon VC1R, and conductors, insulators and fittings between VC1R and VC2, and new connections between VC1R and gantries. Removal of existing transmission pylon VC1, and conductors, insulators and fittings between VC1R and VC2, and connection between VC1 and the existing Tottenham substation.	Q4 2024 – Q2 2028	London Borough of Haringey

5	Over Head Line	Upgrading of ZBC OHL between ZBC2 and ZBC43. Removal of existing transmission pylon ZBC1, the conductors between ZBC1 and ZBC2, and the connection between ZBC1 to Waltham Cross substation. Removal of existing transmission pylon 4ZM1; installation of new transmission pylon 4ZM1R. Modifications to existing protection and control equipment to facilitate the bypass of Tottenham substation. Establishment of material holding facility and laydown area at car park by Lee Park Way.	Q4 2025 – Q4 2027	Epping Forest District Council London Borough of Enfield London Borough of Haringey London Borough of Waltham Forest
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Officers consider the information contained in the submitted document, will satisfy the requirement to set out the stages of Authorised Development.

Those stages involving works within Haringey are noted as:

- Stage 0 - already undertaken, case reference (HGY/2018/3384),
- Stage 3 - split into two stages to enable preparatory demolition and remediation works to occur ahead of the main authorized works. Stage 3 will include Authorised Work No. 13 (Material holding facility and laydown area) and No. 10 (works to facilitate bypassing of Tottenham substation).
- Stage 4 – Authorised Work No. 11 (Installation of a new transmission pylon VC1R, new phase and earthwire conductors, insulators and fittings between VC1R and VC2 and new connections from pylon VC1R to the gantries in the new southern cable sealing end compound.) and No. 12 (Removal of existing transmission pylon VC1 and phase and earthwire conductors between pylon VC1 and pylon VC2 and removal of connections from between pylon VC1 and the existing Tottenham substation.).
- Stage 5 – Authorised Work No. 9 (Modifications to existing protection and control equipment to facilitate the bypass of Tottenham substation by the newly upgraded 400kV overhead electricity line.)

The requirement can therefore be discharged.

3. RECOMMENDATION

GRANT DISCHARGE OF REQUIREMENTS 3