

Bramford to Twinstead Reinforcement

Volume 8: Examination Submissions

Document 7.8.6: Images Captured by the Applicant During Accompanied Site Visit

Final Issue A

December 2023

Planning Inspectorate Reference: EN020002

The Infrastructure Planning (Examination Procedure) Rules 2010) Regulation 8(1)(k)



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1. Introduction

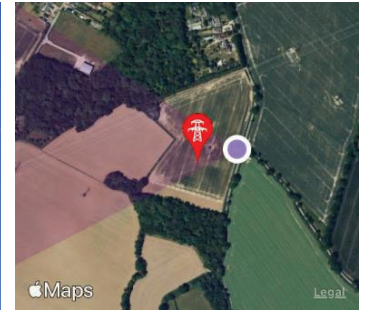
1.1 Overview

- 1.1.1 An application for development consent was submitted to the Planning Inspectorate on the 27 April 2023 to reinforce the transmission network between Bramford Substation in Suffolk, and Twinstead Tee in Essex. The project would be achieved by the construction and operation of a new electricity transmission line over a distance of approximately 29km comprising of an overhead line, underground cables and a grid supply point (GSP) substation. It also includes the removal of 25km of the existing distribution network, 2km of the existing transmission network and various ancillary works.
- 1.1.2 The application for development consent was accepted for Examination on the 23 May 2023. As part of the examination, an Accompanied Site Inspection was undertaken on 7th November 2023 with the Planning Inspectors, the Applicant and representatives from local authorities and the Dedham Vale Area of Outstanding Natural Beauty and Stour Valley partnership. As part of the Accompanied Site Inspection, the group visited the proposed locations for cable sealing end (CSE) compounds (the transition between overhead lines and underground cables) and GSP substation as set out in Applicant's Draft Itinerary for Accompanied Site Inspection [REP3-037].
- 1.1.3 During the site inspection, augmented reality software, TrueViewVisuals, was used to give the group a sense of the location and scale of the proposed structures associated with the CSE compounds and GSP substation. The images in this document present a record of the images captured on site. As explained during the Site Inspection these images were for information purposes only to give an indicative sense of scale and location. They are reliant on the iPad GPS location (which is only accurate to 5m) and could not allow for changes in landform (cut and fill) or proposed landscape mitigation/enhancements. They do not supersede or form the basis of the landscape and visual impact assessment undertaken and submitted as part of the application for development consent [APP-074].
- 1.1.4 For each location, a baseline photograph and image showing the indicative proposed structure was captured. Locations (northings and easting) and bearing are given for each photograph.
- 1.1.5 It was requested during the Inspection to Dedham Vale East Cable Sealing End Compound for an image to be produced showing the existing 132kV removed. This has been provided, and in addition for Stour Valley East Cable Sealing End Compound and for Stour Valley West with the 400kV removed.
- 1.1.6 For information, the field of view (FOV) for these images is 60.8 Horizontal FOV x 46.2 Vertical FOV.

2. Image Captures

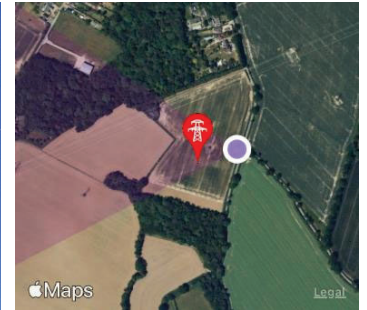
2.1 Dedham Vale East Cable Sealing End Compound - Baseline

Photo location: N 600172 E 239599 Heading: 278°



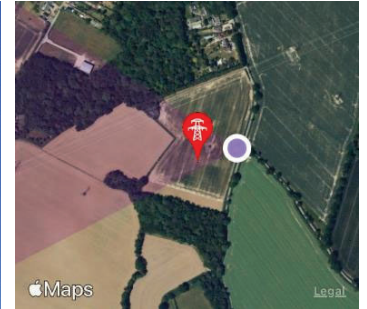
2.2 Dedham Vale East Cable Sealing End Compound - Proposed

Photo location: N 600172 E 239599 Heading: 278°



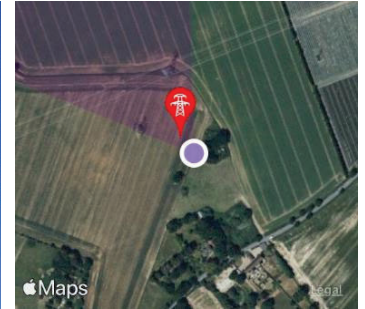
2.3 Dedham Vale East Cable Sealing End Compound – Proposed with 132kV Removed

Photo location: N 600172 E 239599 Heading: 278°



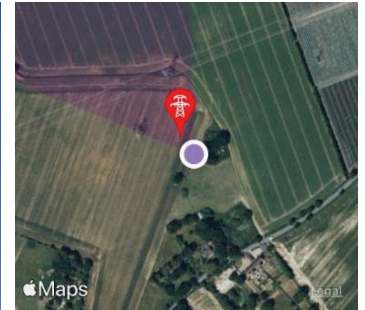
2.4 Dedham Vale West Cable Sealing End Compound - Baseline

Photo location: N 595715 E 237907 Heading: 328°



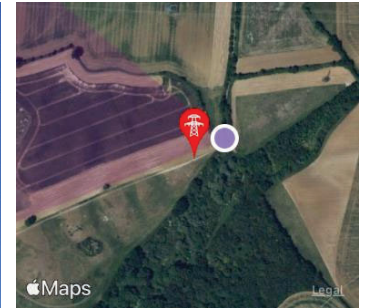
2.5 Dedham Vale West Cable Sealing End Compound - Proposed

Photo location: N 595715 E 237907 Heading: 328°



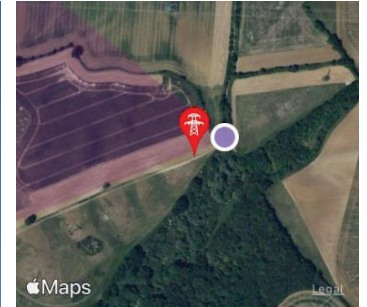
2.6 Stour Valley East Cable Sealing End Compound - Baseline

Photo location: N 590692 E 236783 Heading: 284°



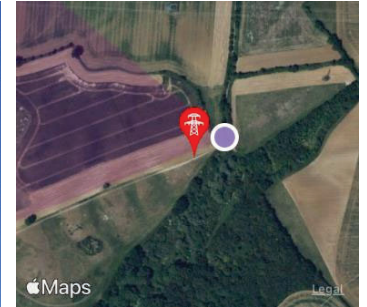
2.7 Stour Valley East Cable Sealing End Compound - Proposed

Photo location: N 590692 E 236783 Heading: 284°



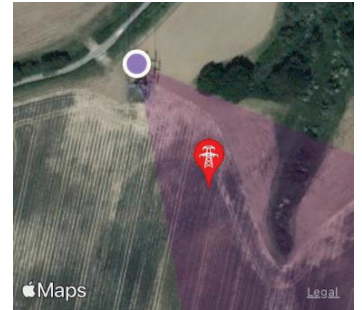
2.8 Stour Valley East Cable Sealing End Compound – Proposed with 132kV Removed

Photo location: N 590692 E 236783 Heading: 284°



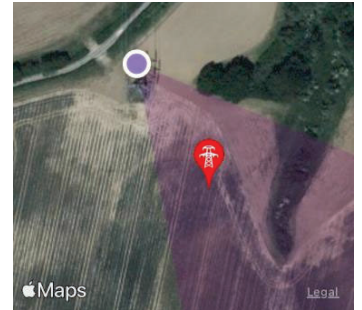
2.9 Stour Valley West Cable Sealing End Compound - Baseline

Photo location: N 587052 E 235290 Heading: 147°



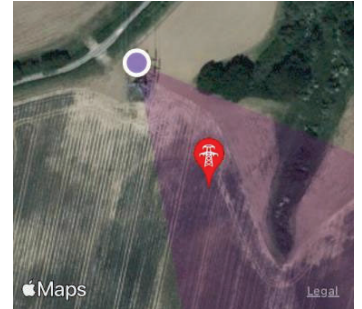
2.10 Stour Valley West Cable Sealing End Compound - Proposed

Photo location: N 587052 E 235290 Heading: 147°



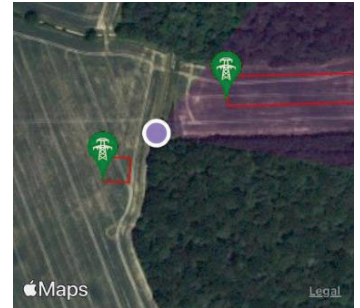
2.11 Stour Valley West Cable Sealing End Compound - Proposed with 400kV Removed

Photo location: N 587052 E 235290 Heading: 147°



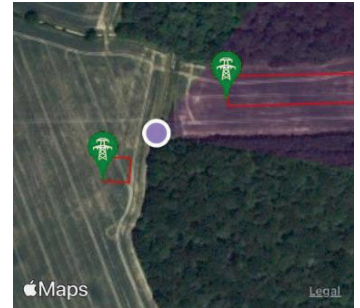
2.12 GSP Substation - Baseline

Photo location: N 584261 E 237056 Heading: 064°



2.13 GSP Substation - Proposed

Photo location: N 584261 E 237056 Heading: 064°



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National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

Registered in England and Wales
No. 4031152
nationalgrid.com