



## Application for Development Consent for Nationally Significant Infrastructure Projects under the Planning Act 2008

\* required information

### Application Form

Please read guidance documents relating to the submission of applications prior to completing this form including government guidance and the Planning Inspectorate's Advice Note Six: Preparation and submission of application documents.

\* Do you have a reference number?

☒ Yes ☐ No

\* Reference number

EN020027

### 1. Applicant

\* Organisation

National Grid Electricity Transmission Plc  
(Company Number 02366977)

### Address

\* Building number or name

National Grid House, Warwick Technology  
Park

\* Street

Gallows Hill

\* City or town

Warwick

County or administrative  
area

\* Postcode

CV34 6DA

\* Country

United Kingdom

\* Name of contact

Ian Fletcher

\* Telephone number

Fax number

\* Email

@nationalgrid.com

### 2. Agent

\* Are you an agent acting on behalf of the Applicant?

☐ Yes ☒ No

### 3. Fee

\* State the arrangement for the application fee payment:

☒ BACS ☐ CHAPS ☐ Cheque

**Continued from previous page...**

\* Please provide payment

#### 4. Confirming why the Planning Inspectorate should receive the application



\* Brief statement to explain why this application is, or is to be treated as, a development for which development consent is required under the Planning Act 2008

The development lies wholly within England and includes the installation of a 400kV electric line above ground that is greater than 2km in length. The Project is therefore a Nationally Significant Infrastructure Project (NSIP) for the purposes of Sections 14(1)(b) and 16(1) of the Planning Act 2008.

#### 5. Non-technical description of the Proposed Development



\* Brief non-technical description of the Proposed Development

The Project is a proposal by National Grid to upgrade the electricity transmission system in East Anglia between Norwich and Tilbury, comprising:

- A new 400 kilovolt (kV) electricity transmission connection of approximately 180 km overall length from Norwich Main Substation to Tilbury Substation via Bramford Substation, a new East Anglia Connection Node (EACN) Substation and a new Tilbury North Substation, including:
  - Approximately 159 km of new overhead line supported on approximately 509 pylons, either standard steel lattice pylons (approximately 50 m in height) or low height steel lattice pylons (approximately 40 m in height) and some of which would be gantries (typically up to 15 m in height) within proposed Cable Sealing End (CSE) compounds or existing or proposed substations
  - Approximately 21 km of 400 kV underground cabling, some of which would be located through the Dedham Vale National Landscape (an Area of Outstanding Natural Beauty (AONB))
- Up to seven new CSE compounds (with permanent access) to connect the overhead lines to the underground cables
- Modification works to connect into the existing Norwich Main Substation and a substation extension at the existing Bramford Substation
- A new 400 kV substation on the Tendring Peninsula, referred to as the EACN Substation (with a new permanent access). This is proposed to be an Air Insulated Switchgear (AIS) substation
- A new 400 kV substation to the south of Orsett Golf Course in Essex, referred to as the Tilbury North Substation (with a new permanent access). This is proposed to be a Gas Insulated Switchgear (GIS) substation
- Modifications to the existing National Grid Electricity Transmission overhead lines to facilitate the connection of the existing network into the new Tilbury North Substation to provide connection to the Tilbury Substation
- Ancillary and/or temporary works associated with the construction of the Project.

In addition, third party utilities diversions and/or modifications would be required to facilitate the construction of the Project. There would also be land required for environmental mitigation and Biodiversity Net Gain (BNG).

As well as the permanent infrastructure, land would also be required temporarily for construction activities including, for example, working areas for construction equipment and machinery, site offices, welfare, storage and temporary construction access.

#### 6. Location or route of the Proposed Development



\* Description of location of application site(s), or route of development (reference to appropriate plans)

The northernmost extent of the Project would comprise modifications to connect the Project to the existing Norwich Main Substation in South Norfolk. The Project would extend south through the districts of South Norfolk, Breckland, Mid Suffolk, Babergh, Colchester and through to Tendring where the new proposed EACN Substation would be constructed. From the proposed EACN Substation, the Project would continue south through Colchester, Braintree, Chelmsford, Brentwood, Basildon and into Thurrock, connecting into the new proposed Tilbury North Substation. The existing YYJ/ZB routes would then be modified to connect the proposed Tilbury North Substation to the

Continued from previous page...

The route is shown on the Location and Master Key Plan (document reference 2.1) and Figure 1.1: Site Location

- \* Is the site a single site or a linear site?
- ☐ Single site      ☒ Linear site

Start grid reference

- \* Easting
- \* Northing

Middle grid reference

- \* Easting
- \* Northing

End grid reference

- \* Easting
- \* Northing
- \* Document reference

Add another reference

7. Associated Development



- \* Associated Development is included within this application:
- ☒ Yes      ☐ No

- \* Document reference

Add another reference

8. a) Consultation Report



- \* Document reference

Add another reference

8. b) Copies of newspaper notices



- \* Document reference

Add another reference

9. Draft Development Consent Order



*Continued from previous page...*

\* Document reference

## 10. Explanatory Memorandum



\* Document reference

## 11. Land Plan



\* Document reference

Document reference

Document reference

## 12. Works Plan



\* Document reference

## 13. Compulsory Acquisition of land or an interest in land or right over land



\* Issues are relevant for this application:

☒ Yes ☐ No

Statement of reasons document reference

Funding statement document reference

*Continued from previous page...*

Add another reference

Book of Reference  
document reference

Book of Reference (Document Reference  
4.3)

Add another reference

#### 14. a) Environmental Impact Assessment (EIA)



\* Environmental Statement (ES) required:

☒ Yes

☐ No

\* ES Document Reference

Environmental Statement Chapters  
(document reference 6.1 to 6.18)

ES Document Reference

Environmental Statement Appendices  
(document reference 6.1.A1 to 6.17.A3)

Remove this reference

ES Document Reference

Environmental Statement Figures  
(document reference 6.1.F1 to 6.17.F2)

Remove this reference

ES Document Reference

Environmental Statement Non-Technical  
Summary (document reference 6.21)

Remove this reference

Add another reference

#### 14. b) Screening Opinion/ Direction and Scoping Opinion/ Direction



\* Screening Opinion sought, or direction received:

☐ Yes

☒ No

\* Scoping Opinion sought:

☒ Yes

☐ No

Document reference

Environmental Statement Scoping Report  
(document reference 6.19)

Document reference

Environmental Statement Scoping Opinion  
(document reference 6.20)

Remove this reference

Add another reference

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**14. c) Publicity required under Regulation 13 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (or where the transitional provisions apply, Regulation 11 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2009)**

In addition to publishing the notice, a copy of the notice was sent to:

\* the consultation bodies

☒ \* Yes

\* the persons notified to the Applicant in accordance with Regulation 11(1)(c) of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (or where the transitional provisions apply, Regulation 9(1)(c) of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2009):

☐ Yes ☒ No, not applicable

**15. European sites (to which Regulation 63 of The Conservation of Habitats and Species Regulations 2017 and/ or Regulation 28 of the Conservation of Offshore Marine Habitats and Species Regulations 2017 applies) or a Ramsar site.**



\* Report required for this application:

☒ Yes ☐ No

\* Document reference

Habitats Regulations Assessment Report  
(document reference 5.3)

Add another reference

**16. A plan, with accompanying information, identifying any statutory or non statutory sites or features of nature conservation, geological or landscape importance; habitats of protected species, important habitats or other diversity features; and water bodies in a River Basin Management Plan - together with an assessment of any effects likely to be caused by the Proposed Development.**



\* Issues are relevant for this application:

☒ Yes ☐ No

\* Document reference

Environmental Statement Figure 13.1 -  
LVIA Study Area and Landscape  
Designations (document reference  
6.13.F1)

Document reference

Environmental Statement Chapter 13 -  
Landscape and Visual (document  
reference 6.13)

Remove this reference

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Document reference

Environmental Statement Figure 9.4 -  
Geologically Designated Sites (document  
reference 6.9.F4)

Remove this reference

Document reference

Environmental Statement Chapter 9 -  
Contaminated Land, Geology and  
Hydrogeology (document reference 6.9)

Remove this reference

Document reference

Environmental Statement Figure 12.3 -  
Water Framework Surface Waterbody  
Status (document reference 6.12.F3)

Remove this reference

Document reference

Environmental Statement Chapter 12 -  
Hydrology, Land Drainage and Flood Risk  
(document reference 6.12)

Remove this reference

Document reference

Environmental Statement Chapter 8 -  
Ecology and Biodiversity (document  
reference 6.8)

Remove this reference

Document reference

Environmental Statement Appendix 8.16 -  
Designated Sites (document reference  
6.8.A16)

Remove this reference

Document reference

Environmental Statement Appendix 8.1 -  
Habitat Report (document reference  
6.8.A1)

Remove this reference

Add another reference

**17. A plan, with accompanying information, identifying any statutory or non statutory sites or features of the historic environment such as scheduled monuments, World Heritage sites, listed buildings and other historic structures, archaeological sites and registered battlefields, together with an assessment of any effects likely to be caused by the Proposed Development**



\* Issues are relevant for this application:

☒ Yes

☐ No

*Continued from previous page...*

\* Document reference

Environmental Statement Figure 11.2 - Designated Heritage Assets Assessed in the ES Chapter (document reference 6.11.F2)

Document reference

Environmental Statement Figure 11.3 - Non-Designated Heritage Assets Assessed in the ES Chapter (document reference 6.11.F3)

Remove this reference

Document reference

Environmental Statement Chapter 11 - Historic Environment (document reference 6.11)

Remove this reference

Document reference

Environmental Statement Appendix 11.1 - Historic Environment Baseline Report (document reference 6.11.A1)

Remove this reference

Add another reference

## 18. Flood Risk Assessment



\* Flood Risk Assessment required:

☒ Yes

☐ No

\* Document reference

Flood Risk Assessment (document reference 7.9)

Add another reference

## 19. Matters set out in section 79(1) (statutory nuisances etc) of the Environmental Protection Act 1990



\* Statement required for this application:

☒ Yes

☐ No

\* Document reference

Statement of Statutory Nuisance (document reference 5.4)

Add another reference

## 20. A plan with any accompanying information identifying any Crown land



\* Issues are relevant for this application:

☒ Yes

☐ No



**Continued from previous page...**

\* Document reference

Special Category and Crown Land Plans  
(document reference 2.14)

Add another reference

**21. A plan identifying new or altered means of access, stopping up of streets or any diversions, extinguishments or creation or rights of way or public rights of navigation**



\* Issues are relevant for this application:

☒ Yes

☐ No

\* Document reference

Access, Rights of Way and Public Rights of Navigation Plans - Section A to H  
(document reference 2.5)

Add another reference

**22. Additional information for specific types of infrastructure**



\* Additional information is required to be submitted in accordance with Regulation 6 of The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009:

☐ Yes

☒ No

**23. Any other plans, drawings and sections necessary to describe the proposal for which development consent is sought, and any other documents, reports or information to support the application**



Provide a brief description of any other plans, drawings and sections that are being submitted with this application

- Guide to the Plans
- Traffic Regulation Order Plans
- Design and Layout Plans - Subs and Cables
- Design and Layout Plans - Overhead Lines
- Elevation Drawings - Overhead Line Profiles
- Design and Layout Plans - Traffic and Transport
- Trees and Hedgerows to be Removed and/or Managed Plans
- Environmental Statement Figure 4.1 - Proposed Project Design
- Environmental Statement Figure 4.2 - Proposed Project Design - Permanent Features

Document reference

Guide to the Plans (document reference 2.0)

Document reference

Traffic Regulation Order Plans - Section A to H (document reference 2.4)

Remove this reference

Document reference

Design and Layout Plans - Subs & Cables  
(document reference 2.6.1)

Remove this reference

Continued from previous page...

Document reference	Design and Layout Plans - Overhead Lines (document reference 2.6.2)	Remove this reference
Document reference	Design and Layout Plans - Traffic & Transport (document reference 2.6.3)	Remove this reference
Document reference	Elevation Drawings - Overhead Line Profiles Part 1 & Part 2 (document reference 2.7)	Remove this reference
Document reference	Trees and Hedgerows to be Removed and / or Managed Plans - Section A to H (document reference 2.16)	Remove this reference
Document reference	Environmental Statement Figure 4.1 - Proposed Project Design (document reference 6.4.F1)	Remove this reference
Document reference	Environmental Statement Figure 4.2 - Proposed Project Design - Permanent Features (document reference 6.4.F2)	Remove this reference
Add another reference		

Provide a brief description of any other documents considered necessary to support the application

- Application Cover Letter
- Guide to the Application
- Pre-application Programme Document
- Section 55 Acceptance of Applications Checklist
- Route Drive: Site Visit Guidance Document
- Pre-application Land and Rights Negotiations Tracker
- Planning Statement
- Policy Compliance Document
- Potential Main Issues for Examination
- Draft Statements of Common Ground
- Details of associated development, with references to documents
- Design Development Report
- Biodiversity Net Gain Report
- Outline Code of Construction Practice
- Outline Construction Traffic Management Plan

Continued from previous page...

- Outline Archaeological Mitigation Strategy and Outline Written Scheme of Investigation
- Outline Public Rights of Way Management Plan
- Electric and Magnetic Field Compliance Report
- Water Framework Directive Assessment
- Transport Assessment
- Visualisations
- Equality Impact Assessment
- Design and Access Statement
- Design Approach for Site Specific Infrastructure
- Strategic Options Backcheck and Review
- Statement of Common Ground Overview

Historic Documents:

- Corridor and Preliminary Routeing and Siting Study (2022)
- Strategic Options Backcheck and Review (2023)
- Design Development Report for the Project (2023)
- Design Development Report for the Project (2024)

Document reference	Application Cover Letter (document reference 1.2)
Document reference	Guide to the Application (document reference 1.3) Remove this reference
Document reference	Pre-Application Programme Document (document reference 1.5) Remove this reference
Document reference	Section 55 Acceptance of Applications Checklist (document reference 1.6) Remove this reference
Document reference	Route Drive: Site Visit Guidance Document (document reference 5.2) Remove this reference
Document reference	Pre-application Land and Rights Negotiations Tracker (document reference 4.4) Remove this reference
Document reference	Planning Statement (document reference 5.6) Remove this reference

***Continued from previous page...***

Document reference

Policy Compliance Document (document reference 5.7)

Remove this reference

Document reference

Potential Main Issues for Examination (document reference 5.8)

Remove this reference

Document reference

Draft Statements of Common Ground (document reference 5.9.1 - 5.9.32)

Remove this reference

Document reference

Details of associated development, with references to documents (document reference 5.14)

Remove this reference

Document reference

Design Development Report (document reference 5.15)

Remove this reference

Document reference

Biodiversity Net Gain Report (document reference 7.1)

Remove this reference

Document reference

Outline Code of Construction Practice (document reference 7.2)

Remove this reference

Document reference

Outline Construction Traffic Management Plan (document reference 7.3)

Remove this reference

Document reference

Outline Landscape and Ecological Management Plan (document reference 7.4)

Remove this reference

***Continued from previous page...***

Document reference

Outline Archaeological Mitigation Strategy  
and Outline Written Scheme of  
Investigation (document reference 7.5)

Remove this reference

Document reference

Outline Public Rights of Way Management  
Plan (document reference 7.6)

Remove this reference

Document reference

Electric and Magnetic Field Compliance  
Report (document reference 7.8)

Remove this reference

Document reference

Water Framework Directive Assessment  
(document reference 7.10)

Remove this reference

Document reference

Transport Assessment (document  
reference 7.11)

Remove this reference

Document reference

Visualisations (document reference 7.12)

Remove this reference

Document reference

Equality Impact Assessment (document  
reference 7.14)

Remove this reference

Document reference

Design and Access Statement (document  
reference 7.15)

Remove this reference

Document reference

Design Approach for Site Specific  
Infrastructure (document reference 7.16)

Remove this reference

Document reference

Strategic Options Backcheck and Review  
(document reference 7.17)

Remove this reference

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Document reference

Statement of Common Ground Overview (document reference 5.9)

Remove this reference

Document reference

Corridor and Preliminary Routeing and Siting Study (2022) (document reference 7.18)

Remove this reference

Document reference

Strategic Options Backcheck and Review (2023) (document reference 7.19)

Remove this reference

Document reference

Design Development Report for the Project (2023) (document reference 7.20)

Remove this reference

Document reference

Design Development Report for the Project (2024) (document reference 7.21)

Remove this reference

Document reference

Design Development Report Addendum for Proposed Changes to Connection at Tilbury (document reference 7.22)

Remove this reference

Add another reference

Provide a brief description of any other information provided that is in support of the application, but which has not been explicitly required

Document reference

Add another reference

24. Other consents/ licences required under other legislation



\* Other consents/ licences are required:

☒ Yes ☐ No

\* Provide a list of consents/licences

Continued from previous page...

Please see Table 2.1 of the Consents and Licences Required Under Other Legislation (document reference 5.5).

You must cite the document references as appropriate

\* Document reference Consents and Licences Required Under Other Legislation (document reference 5.5)

Add another reference

25. Declaration



I declare to the best of my knowledge that the information given in this form and enclosed maps, plans and other documents are true.

Please note there is a requirement for one hard copy of the form to be signed. Please ensure that when you submit you include at least one signed copy. Further copies do not require the hand written signature.

Signature \_\_\_\_\_

(For and on behalf of the Applicant)

\* Name SIMON PEPPER

(In block letters)

\* Date 29 / 08 / 2025  
dd mm yyyy

\* Organisation National Grid Electricity Transmission plc

\* Position within the Project Director



**Continued from previous page...**

\* Other consents/ licences are required:

☒ Yes ☐ No

\* Provide a list of consents/licences

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You must cite the document references as appropriate

\* Document reference

Consents and Licences Required Under  
Other Legislation (document reference  
5.5)

Add another reference

## 25. Declaration



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Signature

(For and on behalf of the Applicant)

\* Name

SIMON PEPPER

(In block letters)

\* Date

29 / 08 / 2025  
dd mm yyyy

\* Organisation

National Grid Electricity Transmission plc

\* Position within the  
organisation

Project Director