

Bramford to Twinstead Reinforcement

1.3 Consultation Feedback Form

January 2022

National Grid would like to hear your thoughts and feedback on plans to reinforce the electricity transmission network between Bramford substation in Suffolk and Twinstead Tee in Essex.

The reinforcement is needed to carry more renewable and low carbon electricity connecting to the network in East Anglia.

Since our last consultation in 2021, our proposals have developed in response to feedback. We would now like to hear further views on our proposals before we submit an application for development consent to the Planning Inspectorate in winter 22/23.

We have published a set of consultation documents that will provide you with information to help inform your response, including:

- Project Background Document
- Project Development Options Report

These documents can be viewed online at nationalgrid.com/bramford-twinstead, and paper copies can be requested free of charge by contacting us.

To see how we have had regard to feedback received during the non-statutory consultation in Spring 2021, please see the Non-Statutory Consultation Report. Finally, for an understanding of the potential environmental impacts of the proposals, please see the Preliminary Environmental Information (PEI) Report.

There may be a printing charge for paper copies of the Non-Statutory Consultation Report and PEI Report. These documents are also displayed at deposit point locations, details of which are available on our website.

This is a statutory consultation as part of our intended application for development consent under the Planning Act 2008.

The deadline for submitting your response to our consultation is **23:59 on Monday 21 March 2022**.

How to provide your feedback:

- complete our feedback form online at nationalgrid.com/bramford-twinstead
- email us your completed feedback form at contact@bramford-twinstead.nationalgrid.com
- return this feedback form in the freepost envelope provided or by writing to Freepost B TO T REINFORCEMENT.

Each feedback form is classed as one consultation response. If you are completing this on behalf of another person or group of people, please submit separate questionnaires to help us analyse your feedback.

Contact us

nationalgrid.com/bramford-twinstead
contact@bramford-twinstead.nationalgrid.com
0808 196 1515

Call us to request paper copies of the materials

How to provide your feedback

You are welcome to answer all or only some of the questions in this feedback form, depending on the issues that are most important to you. We'd like to know if there are any other issues you think are important that we should consider and, importantly, why. All feedback received before the deadline will be considered prior to the submission of an application for development consent. As part of our future application for development consent, we will produce a consultation report, that sets out the feedback received and how we have taken it into account.

So that we can make the most of your thoughts and feedback, please give as much detail as possible in your response. If you need additional space please use extra paper, clearly marking which question you are responding to.

Throughout this feedback form, you will find boxes referencing page numbers. The corresponding page of the Project Background Document will provide more information on our proposals, in order to help you respond to the consultation.

Data privacy notice

National Grid is committed to protecting your personal information. Whenever you provide such information, we are legally obliged to use it in line with all applicable laws concerning the protection of personal data, including the UK General Data Protection Regulation (GDPR).

How will National Grid use the information we collect about you?

We will use your personal data collected via this consultation for a number of purposes, including:

- to analyse your feedback to the consultation
- to produce a Consultation Report, based on our analysis of responses (individuals will not be identified in the Report)
- to write to you with updates about the results of the consultation and other developments
- to keep up-to-date records of our communications with individuals and organisations

Any personal information you include in this form will be handled and used by (or made available to) the following recipients to record, analyse and report on the feedback we receive:

- National Grid
- the Planning Inspectorate (which will consider our application for consent to build the Bramford to Twinstead reinforcement - any details published as part of this process will be anonymised)
- the Secretary of State (who will take the decision on our application)
- our legal advisers
- external consultants working on the Bramford to Twinstead Reinforcement

What rights do I have over my personal data?

Under the terms of the UK GDPR you have certain rights over how your personal data is retained and used by National Grid. For more information, see our full data privacy statement at nationalgrid.com/privacy-policy.

Under GDPR legislation, we cannot accept consultation responses from people under the age of 13.

Please tick this box to confirm that you are aged 13 years or older.

About the project

We are proposing to reinforce the electricity transmission network between Bramford substation in Suffolk and Twinstead Tee in Essex through the construction and operation of a new 400 kV electricity transmission line.

The reinforcement includes approximately 19 km of overhead line and associated pylons, along with approximately 10 km of underground cables. We are also proposing to remove approximately 27.5 km of existing 132 kV overhead line and associated pylons as part of the proposals.

1. What do you think about our plans to use a mixture of overhead lines and underground cables?

- Strongly support Support Neutral Oppose Strongly oppose

Please tell us more about why you selected this option:



2. To make it easier for you to comment on our proposals, we have split the draft alignment (proposed route) of the reinforcement into a number of sections.

Do you have a specific section of the draft alignment that you are interested in?
Please tick all that apply.

- Section AB (Bramford substation to Hintlesham) please answer the questions on page 6-7 of the feedback form
- Section C (Brett Valley) please answer the questions on page 8 of the feedback form
- Section D (Polstead) please answer the questions on page 9 of the feedback form
- Section E (Dedham Vale AONB) please answer the questions on page 10 of the feedback form
- Section F (Leavenheath and Assington) please answer the questions on page 11 of the feedback form
- Section G (Stour Valley) please answer the questions on page 12-13 of the feedback form
- Section H (Grid Supply Point substation) please answer the questions on page 14 the feedback form

3. Why do you have a particular interest in this/these section(s) of the draft alignment?
Please tick all that apply.

- I live in the local area
- I work in the local area
- I have friends and family who live in the local area
- I regularly travel in the local area
- I use this area recreationally
- Other (please state) _____

Common to other construction projects, construction of Bramford to Twinstead will require the temporary use of land for haulage, storage, and use of equipment to allow for construction activities. Information on the construction stage is provided in Section 4.6 the Preliminary Environmental Information Report.

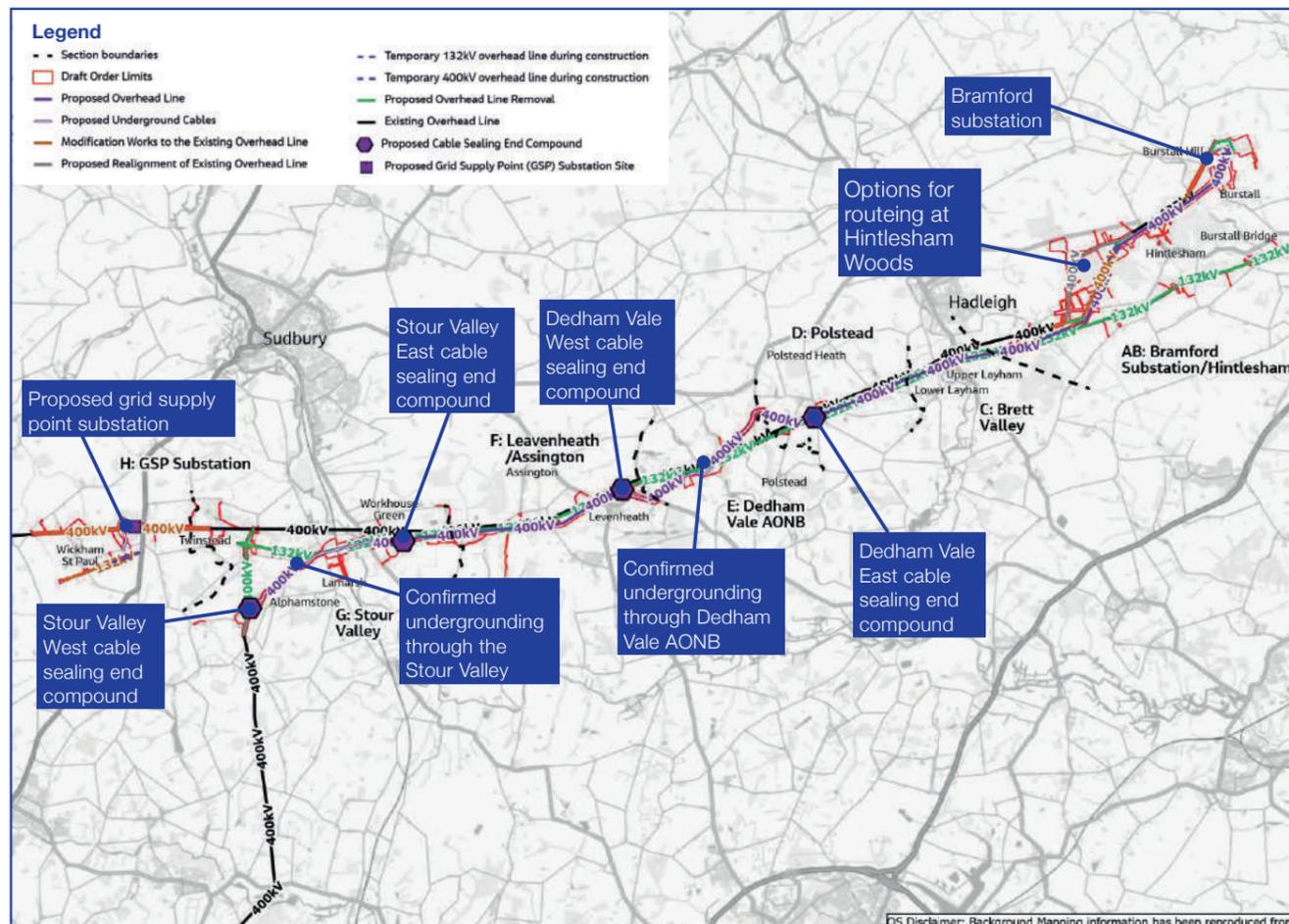
4. Do you have any key concerns regarding the construction stage of the Bramford to Twinstead reinforcement? Please tick all that apply.

- Public access to rights of way (such as bridleways)
- Disruption to land use
- Removal of vegetation in the construction working area
- The potential to encounter archaeology or historic features
- Drainage
- Pollution risk
- Traffic and transportation
- Noise
- Other (please state) _____

Since our last consultation, we have made a number of changes to our proposals. This is due to feedback received at the consultation and the results of further technical studies.

5. Do you think these changes (as set out on page 34 of the Project Background Document and in the Project Development Options Report) are an improvement on what we presented previously?

- National Grid have listened to feedback and improved the proposals
- National Grid have listened to feedback but further change is required
- National Grid have not listened to/misunderstood feedback
- Other (please state) _____



Contains OS data © Crown copyright and data right 2020.

Section AB – Bramford substation to Hintlesham

40 See page 40 of the Project Background Document for a more detailed summary of our proposals

Summary: We would build a new overhead line from Bramford substation, to the south of the existing 400 kV line. At the substation, we are proposing some changes to the alignment of both the proposed new 400 kV overhead line and the existing 400 kV line.

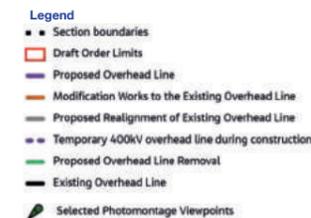
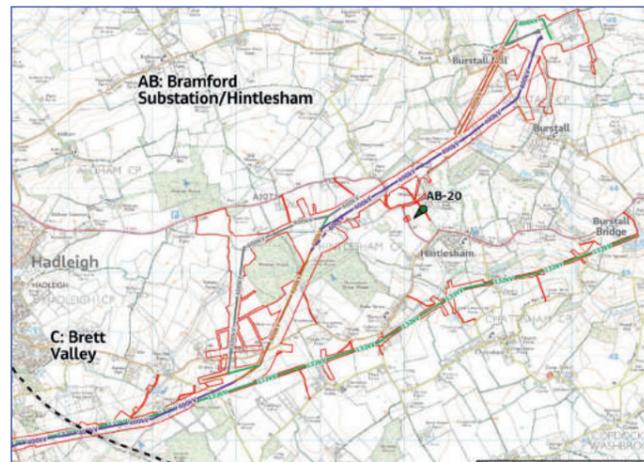
At Hintlesham Woods, we are now presenting two options for the routing of the new line:

Option 1: We would build a new section of overhead line to the north of Ramsey Wood, and divert the existing 400 kV line onto these pylons. The new overhead line would reuse the existing pylons through the woods. This is the option we presented at our non-statutory consultation.

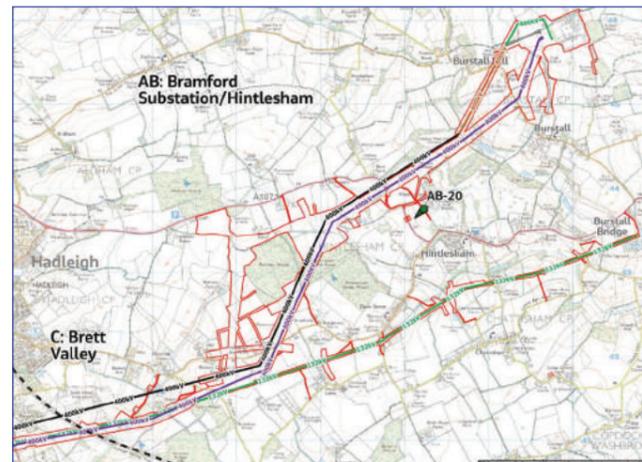
Option 2: We would build a new section of overhead line parallel and to the south of the existing line within Hintlesham Little Wood. In this scenario, the overhead lines would run through the woods, with the pylons being located outside of the woodland.

For both options, we would remove the existing 132 kV pylons from Burstall Bridge running to the south west of Hintlesham.

Option 1



Option 2



Contains OS data © Crown copyright and data right 2020.

We have made changes to the overhead alignment on the approach to Bramford Substation, to allow for a better electrical configuration at the substation, more efficient construction, and to reduce the number of pylons (changes mean three of the existing 400 kV pylons would be removed and replaced with one new pylon).

6. To what extent do you agree with our proposed changes to the alignment of the proposed reinforcement at Bramford Substation?

- Strongly agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree

Following feedback received during the non-statutory consultation we have reviewed our approach to the area around Hintlesham Woods.

Hintlesham Woods is designated as a Site of Special Scientific Interest (SSSI), ancient woodland and is also an RSPB reserve. We are now presenting a different option for the routing of the reinforcement in this area.

7. Which of the two route options do you prefer?

- Option 1, as presented at our last consultation
- Option 2
- I don't have a preference for either option
- I don't support either option

Please tell us more about why you selected this option:

8. Which of the below options would you consider most important when deciding how to route the proposed reinforcement in this area?

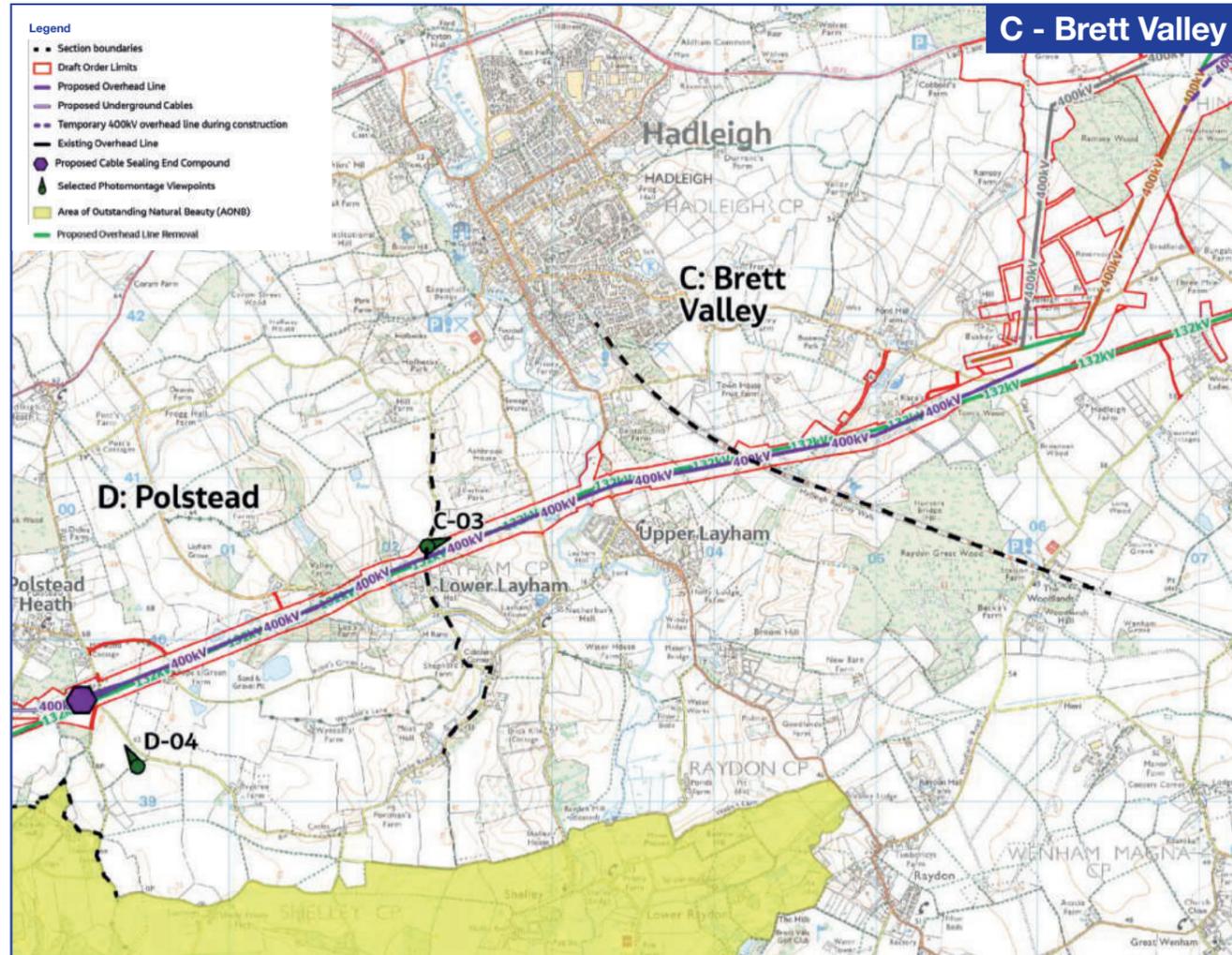
- Landscape and visual impacts
- Impact on wildlife and birds
- Impact on ancient woodland
- Proximity of the proposed reinforcement to nearby residential properties
- Number and/or size of pylons
- Other (please state) _____

Section C – Brett Valley

42 See page 42 of the Project Background Document for a more detailed summary of our proposals

Summary: We would build a new 400 kV overhead line in this section, roughly along the same alignment as the existing 132 kV pylons. The line would travel south of Kate’s Hill, deviating from the route of the existing 132 kV pylons to the east of Benton Street, when approaching from the Layham direction.

We would remove the existing 132 kV pylons in this section.



Contains OS data © Crown copyright and data right 2020.

9. Is there anything further you would like us to take into consideration when developing our proposals in this section?

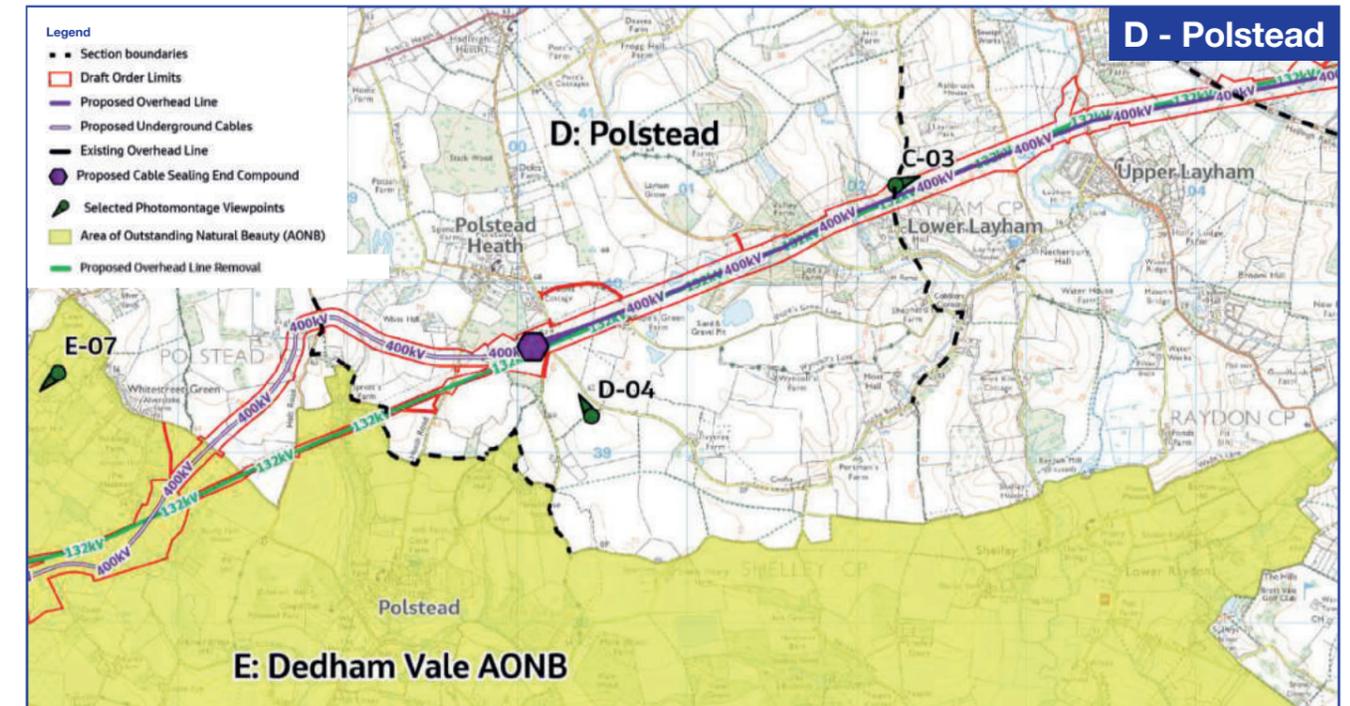
Section D – Polstead

44 See page 44 of the Project Background Document for a more detailed summary of our proposals

Summary: We would build a mixture of new 400 kV overhead line and underground cables in this section.

The overhead line would roughly follow the alignment of the existing 132 kV pylons, before connecting into the Dedham Vale East cable sealing compound between two parts of Millfield Wood. Cable sealing end compounds are needed to transfer overhead lines to underground cables and vice versa. From here, the reinforcement would continue via underground cables travelling northwest, to the west of Holt Road.

We would remove the existing 132 kV pylons in this section.



Contains OS data © Crown copyright and data right 2020.

We are proposing a new location for the Dedham Vale East CSE compound, between two existing blocks of woodland at Millfield Wood. The aim of this change is to reduce any potential effect on the setting of the AONB and the Conservation Area at Polstead.

10. To what extent do you agree with the new location of the cable sealing end compound?

- Strongly agree Agree Neither agree nor disagree Disagree Strongly disagree

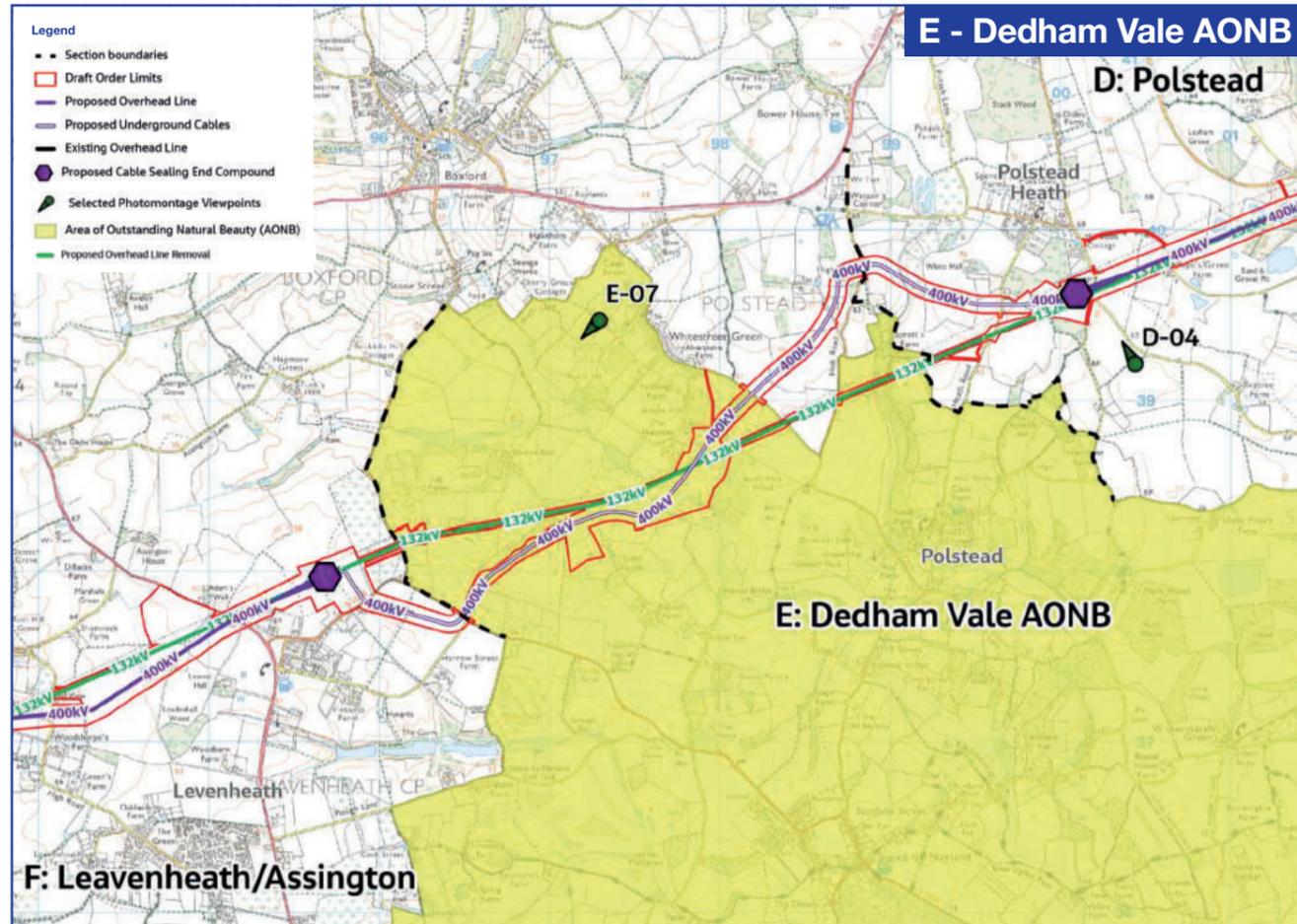
If you disagree or strongly disagree with the location of the cable sealing end compound, please tell us why (including any potential alternative locations you would like us to consider):

Section E – Dedham Vale AONB

46 See page 46 of the Project Background Document for a more detailed summary of our proposals

Summary: We would build underground cables through the Dedham Vale AONB, south west from the Dedham Vale East cable sealing end compound, between Broom Hill Wood and Bushy Park Wood to the B1068.

We would remove the existing 132 kV pylons in this section, meaning that there will be one less overhead line in the Dedham Vale AONB.



Contains OS data © Crown copyright and data right 2020.

11. Is there anything further you would like us to take into consideration when developing our proposals in this section?

Section F – Leavenheath and Assington

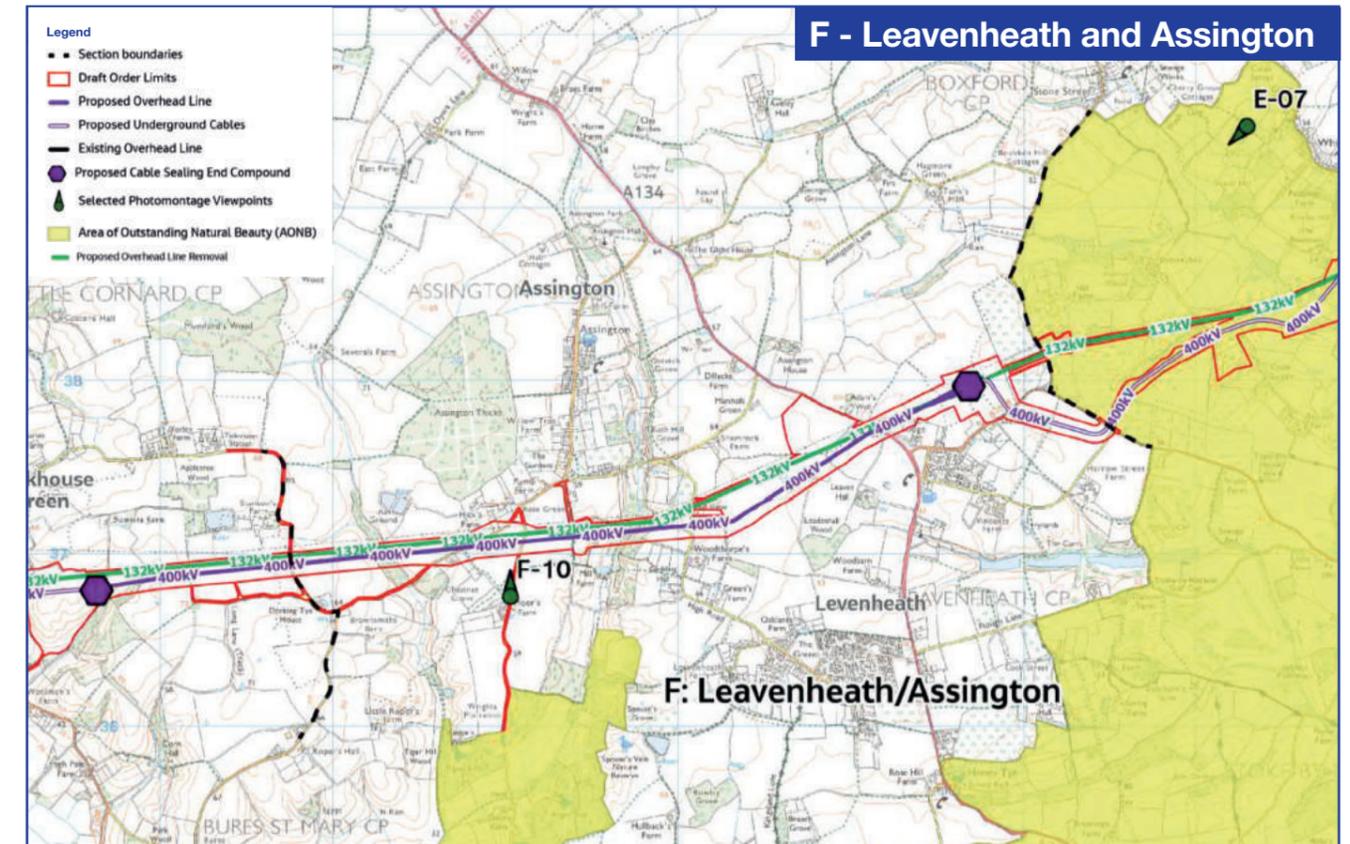
48 See page 48 of the Project Background Document for a more detailed summary of our proposals

Summary: We would primarily build new overhead 400 kV line in this section.

We would construct underground cables through the Dedham Vale AONB, before connecting into the Dedham Vale West cable sealing end compound to the immediate west of Boxford Fruit Farm.

From here, we would build a new 400 kV overhead line, routed to the south of the existing 400 kV line, along a similar alignment to the existing 132 kV pylons.

We would remove the existing 132 kV pylons in this section.



Contains OS data © Crown copyright and data right 2020.

12. Is there anything further you would like us to take into consideration when developing our proposals in this section?

Section G – Stour Valley

50 See page 50 of the Project Background Document for a more detailed summary of our proposals

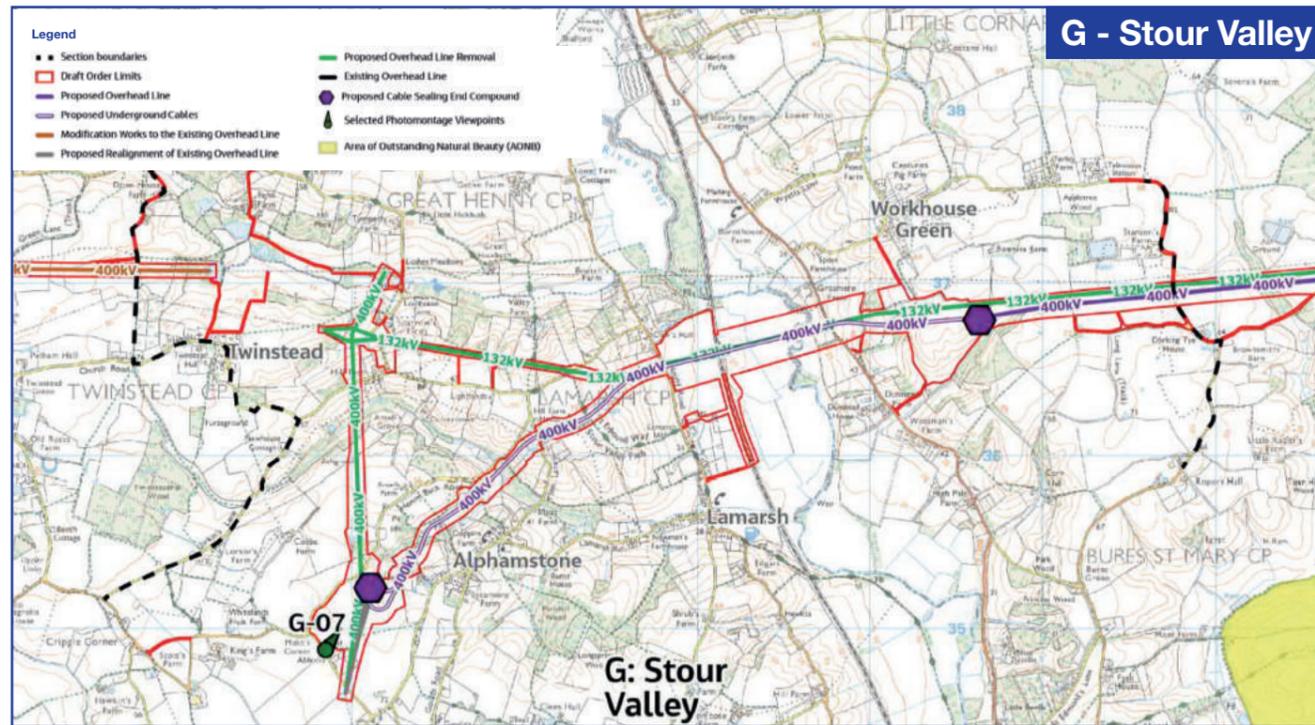
Summary: We would build a mixture of new 400 kV overhead line and underground cables in this section.

We would build a new overhead line roughly on the same alignment as the existing 132 kV pylons, before connecting into the Stour Valley East cable sealing end compound to the south of Workhouse Green.

From here, we would build underground cables to take the new reinforcement under the B1508, the Sudbury branch railway line and the River Stour, and continue the underground cables to the south west between Henry Back Road and Moat Lane.

We would build the Stour Valley West cable sealing end compound to the south of Henry Back Road and connect the reinforcement to the existing 400 kV pylons to the south of Twinstead Tee.

We would remove the existing 132 kV pylons in this section up to just south of Twinstead Tee, resulting in one less overhead line in parts of the Stour Valley. We would also remove around 2.5 km of the existing 400 kV line south of Twinstead Tee.



Contains OS data © Crown copyright and data right 2020.

We are proposing a number of changes to the proposed reinforcement in this section, including:

- **Repositioning Stour Valley West cable sealing end to the southern side of Henny Back Road.** The new location, which is further south than the location proposed at our last consultation, allows for better natural screening of the cable sealing end compound.
- **Removing more of the existing 400 kV overhead line than presented at our last consultation.** The new cable sealing end compound location means that 2.5 km of the existing 400 kV overhead line can be removed.
- **A new alignment for the proposed reinforcement through the Stour Valley.** The previous route followed the existing 132 kV pylons and diverted south through Culverdown, to the east of the existing 400 kV overhead line on the western side of Henny Back Road, crossing Moat Lane north of the junction with Henny Back Road. The new route is a more direct alignment, via the eastern side of Henny Back Road.

13. To what extent do you agree with our changes in this section?

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
Removing more of the existing 400 kV overhead line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relocating Stour Valley West cable sealing end compound	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New alignment for the reinforcement through the Stour Valley	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Is there anything further you would like us to take into consideration when developing our proposals in this section?



Section H – Grid supply point (GSP) substation

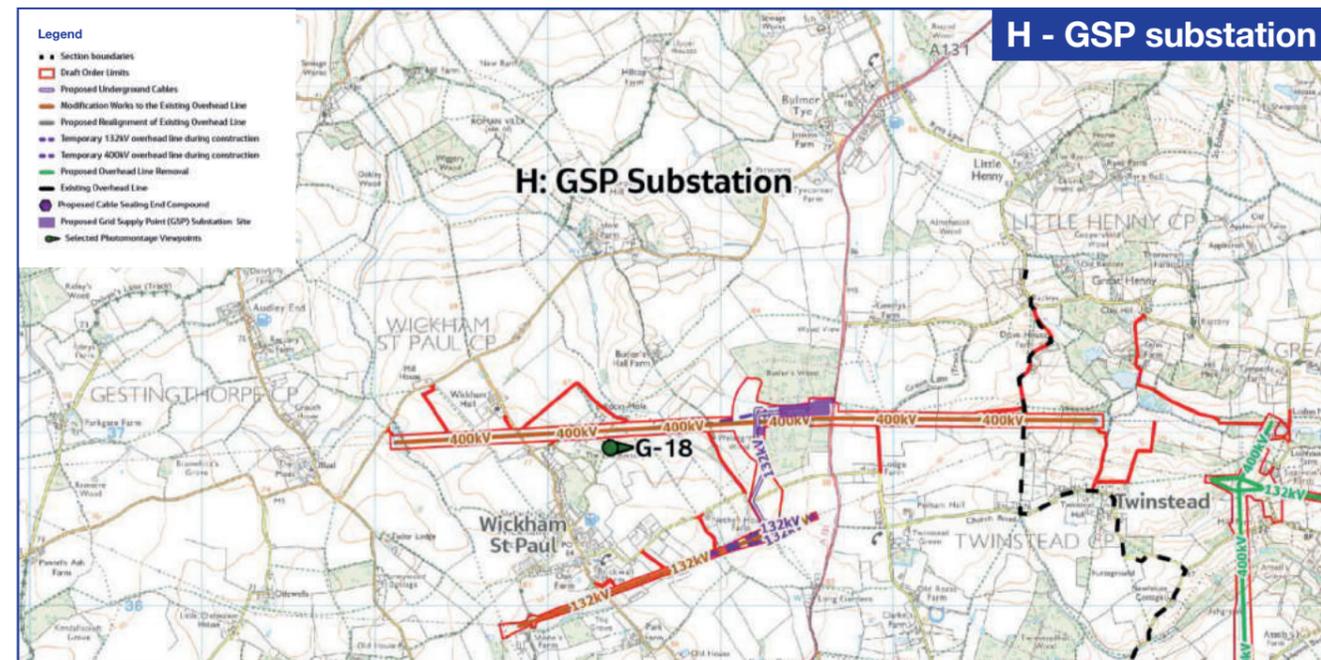
52 See page 52 of the Project Background Document for a more detailed summary of our proposals

Summary: We would build a grid supply point (GSP) substation between Butler’s Wood and Waldegrave Wood, off the A131 south of Sudbury, which would include:

- a fenced area housing the GSP equipment, this would be around 270 m by 50 m
- two super grid transformers enclosed in a concrete structure
- noise enclosures around the super grid transformers
- other electrical equipment like isolation equipment, switching devices, cooling banks, a generator and a water tank
- new 400 kV underground cable to connect the existing overhead line to the GSP substation

We would also need to build a permanent access track to the compound, along with a single circuit cable sealing end enclosure. This cable sealing end would be smaller than those elsewhere on the route of the reinforcement and would feature a gantry, up to 15m high, and would be connected back into the GSP via a new 400 kV cable.

We are proposing to build a new 132 kV underground cable to the south of the GSP substation, to connect into the local distribution network (managed by UK Power Networks).



Contains OS data © Crown copyright and data right 2020.

15. Is there anything further you would like us to take into consideration when developing our proposals in this section?

Environmental areas

54 See page 54 of the Project Background Document for a more detailed summary of our proposals

Summary: We are committed to delivering a 10% biodiversity net gain on this project. This means we would deliver a 10% increase in habitat value for wildlife after the project is completed, compared with the pre-development baseline.

We have identified key ‘Environmental Areas’ for potential mitigation and enhancement. These are areas of the draft Order Limits that have been widened for mitigation, compensation and enhancement purposes.

Not every location identified will be taken forward - areas will be refined and final proposals included in the application for development consent.

16. Do you have any comments about our plans to deliver Environmental mitigation and enhancement as part of the proposed reinforcement?



Inclusion and diversity

National Grid would be grateful if you could answer the following inclusion and diversity questions. We will use the information we receive to help understand whether our consultation has been useful to people of different backgrounds and requirements.

We may publish a summary of the results, but no information about an individual would be revealed.

The answers you provide to these questions are defined as 'special category data'. If you agree to provide Inclusion and Diversity Information, you can withdraw your permission at any time. To withdraw your details, please contact us via email at contact@bramford-twinstead.nationalgrid.com or Freephone **0808 196 1515**.

24. What is your gender?

- Male Female Non-binary Prefer not to say

25. Do you consider yourself a person with a disability?

- Yes No Prefer not to say

26. How would you describe your ethnic background?

- | | |
|---|--|
| <input type="checkbox"/> White English, Welsh, Scottish, Northern Irish or British | <input type="checkbox"/> African |
| <input type="checkbox"/> Irish | <input type="checkbox"/> Caribbean |
| <input type="checkbox"/> Gypsy or Irish Traveller | <input type="checkbox"/> Any other Black, African or Caribbean background (please state) |
| <input type="checkbox"/> Any other White background | <hr/> |
| <input type="checkbox"/> Mixed or Multiple ethnic groups | <input type="checkbox"/> Arab |
| <input type="checkbox"/> White and Black Caribbean | <input type="checkbox"/> Any other ethnic group (please state) |
| <input type="checkbox"/> White and Black African | <hr/> |
| <input type="checkbox"/> White and Asian | <input type="checkbox"/> Prefer not to say |
| <input type="checkbox"/> Any other Mixed or Multiple ethnic background (please state) | |
| <hr/> | |
| <input type="checkbox"/> Asian or Asian British | |
| <input type="checkbox"/> Indian or Pakistani | |
| <input type="checkbox"/> Bangladeshi | |
| <input type="checkbox"/> Chinese | |
| <input type="checkbox"/> Any other Asian background | |
| <input type="checkbox"/> Black, African, Caribbean or Black British | |



Contact us

If you have any difficulties completing this feedback form or accessing the consultation documents, or require the documents in an alternative format, please contact the project team via the contact details below.

nationalgrid.com/bramford-twinstead
contact@bramford-twinstead.nationalgrid.com
0808 196 1515



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

[nationalgrid.com](https://www.nationalgrid.com)