

Norwich to Tilbury

Volume 8: Examination Documents

Document: 8.6.2 Deadline 2 Cover Letter

Final Issue A

March 2026

Planning Inspectorate Reference: EN020027

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Susan Hunt
Lead Member of the Examining Authority
The Planning Inspectorate
c/o QUADIENT
60 Buckingham Drive
Slough
SL1 4PN

12 March 2026

Your Reference EN020027

Dear Ms Hunt

National Grid Electricity Transmission plc
The proposed Norwich to Tilbury Development Consent Order
Applicant's Deadline 2 submission

This letter sets out the Applicant's submissions into the examination at Deadline 2.

The Rule 8 letter [PD-011] requires the submission of:

- Comments on Written Representations
- Comments on the Local Impact Reports
- Applicants draft itinerary for an Accompanied Site Inspection (ASI).
- The applicant's updated documents and application guide
- Comments on any further information or submissions received by Deadline 1.

At this deadline the updated documents are:

- Updated Guide to the Application.
- Updated draft DCO and Explanatory Memorandum (including a schedule of changes).
- Updated Statement of Reasons
- Land Rights Tracker
- Updated Draft Statement of Common Ground – Essex County Council.
- Updated Outline Code of Construction Practice
- Updated Outline Code of Construction Practice Appendix B – Outline Site Waste Management Plan.
- Updated Outline Landscape and Ecological Management Plan.
- Updated Design and Access Statement

National Grid Electricity Transmission plc,
National Grid House, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.
Registered in England and Wales No. 2366977

- Draft Statement of Common Ground – Dedham Vale National Landscape & Stour Valley
- Applicants Response to the Oral Submissions made at the Open Floor Hearings.
- Flood Risk Assessment Technical Note

At this deadline the comments on any further information or submissions received by Deadline 1 relate to the following:

- Comments on the additional submissions on behalf of Ardleigh Parish Council and Little Bromley Parish Council.

In addition, we are providing the following documents in response to the Rule 17 letter

- An updated version of the Applicants Comments on the Relevant Representations Revision B.
- An addendum to Applicants Comments on Relevant Representations. This does not supersede any document.

Finally, we are also providing in this letter a response to the Rule 17 letter and explaining the approach to the updated documents requested.

Comments on Written Representations

The Applicant has focused on new matters and clarifications. Where a response has already been provided, the Applicant signposts to where the Applicant has previously addressed the issue. All Written Representations that are clearly from Affected Parties (AP's) are individually responded to.

Comments on Local Impact Reports

All the Local Planning Authorities which submitted Local Impact Reports at Deadline 1 sent copies to the applicant before the submissions were uploaded to the project page of the Planning Inspectorate website. The Applicant thanks all the Local Planning Authorities for this courtesy.

Applicants draft itinerary for an Accompanied Site Inspection (ASI)

The Applicant provides two possible itineraries for accompanied site inspections. The first is limited to those locations without access from public land. An alternative, combined itinerary is also proposed which lists all the locations as required by the Rule 6 letter **[PD-009]**.

Updated Guide to the Application.

The updated guide to the application is supplied in both a clean and track change version. For an accurate record of the status of all documents, it is recommended to look at the master

document list in the annex. This document replaces the previous version of the Guide to the Application.

Updated draft DCO and Explanatory Memorandum

The draft DCO and Explanatory Memorandum have been updated for Deadline 2. For the avoidance of doubt, these documents are not to be confused with the draft DCOs to be submitted with the Change applications later this month. We also supply an editable version of the draft DCO. The documents submitted here replace the previous versions of the document. Track change and clean versions are provided along with a Word version of the draft DCO. Furthermore, for additional clarity, a schedule of changes is also submitted.

Updated Statement of Reasons

The Statement of Reasons updates text around S127 of the Act and also addresses formatting and cross-referencing issues. This document replaces the submission version of the Statement of Reasons. Track change and clean versions are provided.

Land Rights Tracker

We enclose the Land Rights Tracker. This replaces the previous document that was called the “Pre-application Land and Rights Negotiations Tracker” in order to match with the name in the Rule 6 and Rule 8 letters. We also supply an editable Excel version of this document. In addition to the Land Rights Tracker, a note has been added to the .pdf version that explains the updates at Deadline 2 and includes appendices relevant to the update. This note is not included in the editable version because of the way the Excel software operates.

Updated Draft Statement of Common Ground – Essex County Council

An updated version of this document is submitted for deadline 2. This supersedes the version submitted at deadline 1.

Updated Outline Code of Construction Practice

An updated Outline Code of Construction Practice is provided. The updates are largely as a result of the discussions with stakeholders to agree matters in Statements of Common Ground. The updated document addresses these changes including some minor additional mitigation measures. This document replaces the application submission. Track change and clean versions are provided.

Updated Outline Code of Construction Practice Appendix B – Outline Site Waste Management Plan

An updated Outline Code of Construction Practice Appendix B – Outline Site Waste Management Plan is provided. The updates are largely as a result of the discussions with

stakeholders to agree matters in Statements of Common Ground. This document replaces the application submission. Track change and clean versions are provided.

Outline Landscape and Ecological Management Plan

An updated Landscape and Ecological Management Plan is provided. The updates are largely as a result of the discussions with stakeholders to agree matters in Statements of Common Ground. The updated document addresses these changes including some minor additional mitigation measures. This document replaces the application submission. Track change and clean versions are provided.

Updated Design and Access Statement

An updated Design and Access Statement is submitted to confirm the project has fulfilled the requirement to appoint a design champion role as part of the Applicants approach to good design. This replaces the previous version of this document. Track change and clean versions are provided.

Draft Statement of Common Ground – Dedham Vale National Landscape and Suffolk & Essex Coast & Heaths National Landscape

We were unable to provide this document at Deadline 1 as the other party did not have approval to submit that document. That approval has now been obtained.

Applicants Response to the Oral Submissions made at the Open Floor Hearings

The Applicant responded to generic themes raised at the OFH in 8.5.4 Applicant's Response to the Open Floor Hearings **[REP1-140]** submitted at Deadline 1. In that document, the Applicant noted that it would review the written submissions provided by third parties at Deadline 1 and would consider specific points raised and respond at Deadline 2. This document sets out the Applicant's response to those specific points.

Flood Risk Assessment Technical Note

This document addresses additional information from Suffolk County Council and Norfolk County Council since the submission of the application for development consent.

Addendum to Applicants Comments on Relevant Representations

We enclose an addendum to the Applicants Comments on the Relevant Representations on the Rule 17 letter. This does not replace the document submitted at Deadline 1.

Applicant's Response to the ExA's Rule 17 Letter Dated 3 March 2026

The remaining section of this letter provides a response and update to the ExA's Rule 17 letter issued on 3 March 2026 **[PD-012]**, which the Applicant responded to on 6 March 2026 **[AS-088]** and then the ExA responded to later that same day **[PD-013]**.

Re-Indexing of the Applicant's Comments on Relevant Representations (Rule 17 Letter, 3 March 2026, Ref 1)

The Applicant has addressed this request in full. A revised version of the Comments on Relevant Representations is submitted at Deadline 2 and includes a comprehensive index and contents page with page-level references to each individual selected organisation in Appendices A to AE. This document should be treated as superseding the Deadline 1 version in its entirety.

Page Numbering of Appendices A to AE (Rule 17 Letter, 3 March 2026, Ref 2)

The ExA commented on the page numbering convention used in Appendices A to AE, with separate appendix numbers for each consultee, and requested that consecutive numbering be adopted in place of the AB1-style convention previously used.

The Applicant has updated the numbering accordingly, and the revised document is submitted at Deadline 2. The Applicant notes that the existing convention had been aligned with that used in other DCOs, and would welcome any further direction from the ExA on preferred conventions for future documents. For the purposes of this submission, it has been assumed that all documents, including those with appendices, should be numbered sequentially throughout.

Coverage of Statutory Consultees, MPs, and Interested Parties in Appendices A to AE (Rule 17 Letter, 3 March 2026, Ref 3; Rule 17 Letter, 6 March 2026)

The ExA requested that the Applicant's selected organisations in Appendices A to AE be expanded to include all statutory consultees, including parish and town councils, that responses to Members of Parliament be included, and that further consideration be given to providing more detailed responses to interested parties who, whilst not statutory consultees, submitted detailed or tabular Relevant Representations.

The Applicant has worked proactively to address these requests alongside the substantial concurrent workload involved in preparing all Deadline 2 documents, including responses to ten Local Impact Reports and over 200 Written Representations, within the examination timetable. At Deadline 2, the Applicant submits a first tranche of detailed, individual responses to Relevant Representations from statutory consultees, including parish and town councils, and from MPs. These are provided in document 8.4.1.1 — Addendum to the Applicant's Comments on Relevant Representations.

Where a statutory consultee's Relevant Representation is materially the same as, or less detailed than, the Written Representation submitted by that body at Deadline 1, the Applicant has responded to the Written Representation in document 8.8.1 — Applicant's Comments on Written Representations — to avoid unnecessary duplication. The bodies to which this approach applies are: RR-0423 Burstall Parish Council; RR-1437 Holton St Mary Parish Council; and RR-2767 Offton and Willisham Parish Council. The Addendum identifies these bodies and provides appropriate cross-references. The Applicant has additionally included individual responses for two parties not formally identified by the Planning Inspectorate as statutory consultees but whom the Applicant considers appropriate to include, namely Royal Mail and Essex Police and Suffolk Constabulary.

The Applicant continues to work at pace to finalise the remaining individual responses and will submit these to the ExA as soon as they are ready.

Level of Detail and Justification in the Thematic Responses (Rule 17 Letter, 3 March 2026, Ref 4 Letter, 6 March 2026)

The Applicant's overarching approach to analysing and responding to Relevant Representations is described in section 1 of document 8.4.1 — Applicant's Comments on Relevant Representations — and is elaborated in further detail in the Rule 17 response submitted at Deadline 2. In summary, the Applicant's approach treats the Comments on Relevant Representations and the Consultation Report as complementary documents: the Consultation Report, which exceeds 5,000 pages, provides detailed, location-specific responses to feedback received during pre-application consultation, whilst the Comments on Relevant Representations provides an overarching thematic response appropriate to the volume and character of representations received.

In response to the ExA's specific example of vibration impacts on listed buildings, the Applicant sets out in a comparative table (Appendix 2 of this letter) how a respondent concerned about vibratory impacts on their property may obtain a sufficient response from the thematic Comments on Relevant Representations read alongside the Consultation Report, which addresses individual listed buildings in detail. The Applicant's further response to locationally specific matters is addressed through document 8.8.1 — Applicant's Comments on Written Representations — which provides more granular responses on specific points. The Applicant is additionally investigating a method of extracting locationally specific matters from the Relevant Representations coding exercise and will provide an update to the ExA as soon as this work is sufficiently advanced. The Applicant would welcome the opportunity to discuss the most useful form of output with the Case Team.

Utility of Appendix AF (Rule 17 Letter, 3 March 2026, Ref 4)

The ExA commented on the themed response linked to the matrix in Appendix AF. The Applicant is happy to discuss with the Case Team how this material can be made most useful to the Examination going forward and remains open to any further direction in this regard.

Alignment of Thematic Responses with the Initial Assessment of Principal Issues (Rule 17 Letter, 3 March 2026, Ref 5)

The ExA requested that the themes in Table 2.1 of the Applicant's Comments on Relevant Representations be grouped and aligned to the Initial Assessment of Principal Issues (IAPI) as defined in the Rule 6 Letter **[PD-009]**.

The Applicant has amended the revised Comments on Relevant Representations at Deadline 2 to reflect IAPI topics and has structured document 8.8.1 — Applicant's Comments on Written Representations — by reference to IAPI topics throughout.

Next Steps

The Applicant wishes to draw the ExA's attention to the following matters which remain ongoing following Deadline 2.

The Applicant is continuing to investigate a method of extracting locationally specific comments from the Relevant Representations coding exercise and will provide a further update to the ExA as soon as this work is complete. As noted above, the Applicant would welcome an opportunity to discuss the most appropriate form of output with the Case Team.

The Applicant will also continue to progress Statements of Common Ground with local planning authorities and other key Interested Parties and anticipates submitting updated versions at the appropriate deadlines in accordance with the examination timetable.

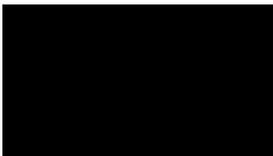
The Applicant remains fully available to engage constructively with the ExA and all Interested Parties in the lead-up to and during the forthcoming hearings and will provide any further information reasonably requested in a timely manner.

The Applicant trusts that the documents submitted at Deadline 2 and the narrative set out in this letter are of assistance to the ExA and Interested Parties. The Applicant is committed to supporting an efficient and thorough Examination and remains grateful for the ExA's continued engagement. Should the ExA or the Case Team have any queries regarding any matter addressed in this letter or in the submitted documents, the Applicant would be pleased to assist.

We trust all is in order.

Please acknowledge safe receipt of this letter.

Yours sincerely,



Simon Pepper

Project Director

Appendix 1. Schedule of Documents Submitted by the Applicant at Deadline 2

Appendix 1

Schedule of Documents Submitted by the Applicant at Deadline 2

| Document No. | Rev No. | Previous Rev PINS Ref | Electronic File Name |
|--------------|---------|-----------------------|--|
| 1.3 | (F) | REP1-001 | 1.3 Guide to the Application – Clean Version |
| 1.3 | (F) | REP1-002 | 1.3 Guide to the Application – Tracked Changes Version |
| 3.1 | (B) | APP-056 | 3.1 Draft DCO – Clean Version |
| 3.1 | (B) | APP-056 | 3.1 Draft DCO – Tracked Changes Version |
| 3.2 | (B) | APP-057 | 3.2 Explanatory Memorandum – Clean Version |
| 3.2 | (B) | APP-057 | 3.2 Explanatory Memorandum – Tracked Changes Version |
| 3.4 | (B) | N/A | 3.4 Draft DCO - Editable Word Version |
| 3.5 | (A) | TBD | 3.5 Schedule of Changes to the Draft DCO |
| 4.1 | (B) | APP-059 | 4.1 Statement of Reasons – Clean Version |
| 4.1 | (B) | APP-059 | 4.1 Statement of Reasons – Tracked Changes Version |
| 4.4 | (B) | APP-065 | 4.4 Land Rights Tracker |
| 4.5 | (B) | N/A | 4.5 Land Rights Tracker editable version |
| 5.9.3 | (C) | REP1-014 | 5.9.3 Draft Statement of Common Ground - Essex County Council (ECC) (incl LLFA and Highways) – Clean Version |

| Document No. | Rev No. | Previous Rev PINS Ref | Electronic File Name |
|--------------|---------|-----------------------|--|
| 5.9.3 | (C) | REP1-015 | 5.9.3 Draft Statement of Common Ground - Essex County Council (ECC) (incl LLFA and Highways) – Tracked Changes Version |
| 7.2 | (B) | APP-300 | 7.2 Outline Code of Construction Practice – Clean Version |
| 7.2 | (B) | APP-300 | 7.2 Outline Code of Construction Practice – Tracked Changes Version |
| 7.2B | (B) | APP-302 | 7.2 Outline Code of Construction Practice Appendix B - Outline Site Waste Management Plan – Clean Version |
| 7.2B | (B) | APP-302 | 7.2 Outline Code of Construction Practice Appendix B - Outline Site Waste Management Plan – Tracked Changes Version |
| 7.4 | (C) | AS-046 | 7.4 Outline Landscape and Ecological Management Plan – Clean Version |
| 7.4 | (C) | AS-047 | 7.4 Outline Landscape and Ecological Management Plan – Tracked Changes Version |
| 7.15 | (B) | APP-353 | 7.15 Design and Access Statement – Clean Version |
| 7.15 | (B) | APP-353 | 7.15 Design and Access Statement – Tracked Changes Version |
| 8.3.1 | (A) | TBD | 8.3.1 Draft Statement of Common Ground - DVNL & Stour Valley |
| 8.4.1 | (B) | REP1-132 | 8.4.1 Applicant's Comments on Relevant Representations – Clean Version |
| 8.4.1 | (B) | REP1-132 | 8.4.1 Applicant's Comments on Relevant Representations – Tracked Changes Version |
| 8.4.1.1 | (A) | TBD | 8.4.1.1 Addendum to Applicant's Comments on Relevant Representations |
| 8.4.5 | (A) | TBD | 8.4.5 Applicant's Draft Itinerary for Accompanied Site Inspection |

| Document No. | Rev No. | Previous Rev PINS Ref | Electronic File Name |
|--------------|---------|-----------------------|---|
| 8.4.7 | (A) | TBD | 8.4.7 Applicant's Comments on any Further Information or Submissions Received by Deadline 1 |
| 8.5.5 | (A) | TBD | 8.5.5 Applicant's Response to the Oral Submissions Made at the Open Floor Hearings |
| 8.6.2 | (A) | TBD | 8.6.2 Deadline 2 Cover Letter |
| 8.8.1 | (A) | TBD | 8.8.1 Applicant's Comments on Written Representations |
| 8.8.2 | (A) | TBD | 8.8.2 Applicant's Comments on Local Impact Reports |
| 8.10.2 | (A) | TBD | 8.10.2 Flood Risk Assessment Technical Note |

**Appendix 2.
Update on Approach
to the Rule 17
letter Issued on
3 March 2026**

Appendix 2

Update on Approach to the Rule 17 letter Issued on 3 March 2026

Table 1 Example: vibration on Listed Buildings – comparison of RR and CR

Relevant Representation sub-theme and response:

Comments about the construction traffic and activities of the Project causing vibrations to nearby buildings

Applicant Response:

An assessment of construction vibration is presented in 6.14 Environmental Statement Chapter 14 - Noise and Vibration [APP 256]. The assessment considers both the potential impact upon people within buildings (i.e. disturbance), and potential damage to buildings and structures. The assessment considers relatively worst-case construction methodologies and does not take account of potential mitigation. This is so that potential 'hot-spots' can be identified where there is the potential for significant adverse effects, without mitigation. The construction vibration assessment has identified 74 locations where there is potential disturbance to people within buildings from construction vibration. Of these, 72 relate to potential vibratory compaction activities which would be expected to be for a relatively short duration (i.e. less than day). The remaining two relate to potential piling activities for pylon foundation construction.

With regard to potential damage to buildings and structures, the assessment highlights locations where there is a potential non-zero risk of damage. Five locations have been identified, all of which relate to potential vibratory compaction activities. In all cases, significant adverse effects, or potential structural damage, can be avoided with the use of best practicable means (BPM). This may include alternative methods, such as non-percussive/vibratory techniques. Additionally, further detailed assessments will be undertaken by the Main Works Contractor(s), as per commitment NV05 within 7.2 Outline Code of Construction Practice [APP-300] based on their specific methodologies. Based on the findings of these assessments specific mitigation measures would be identified, if required, and incorporated into the Noise and Vibration Management Plan (NVMP) (which will be updated from the Outline NVMP submitted as part of the Development Consent Order (DCO) application – (7.2 Outline Code of Construction Practice Appendix F – Outline and Vibration Management Plan [APP-306]). The outline NVMP includes protocols for vibration monitoring in situations where there is potential for damage to buildings or structures. Additionally, commitment NV04 of 7.2 Outline Code of Construction Practice [APP-300] includes for pre- and post- condition surveys to be conducted in such situations and includes a commitment to rectify any damage (cosmetic or otherwise) deemed to be caused by the works.

| Consultation Report Ref | Matter | Applicant Response |
|-------------------------|--|---|
| 9-4.25 | Concern about structural damage resulting from construction of haul road on old timber property in Cotton (address provided by respondent), and request for mitigation from structural damage due to vibration | National Grid acknowledges the concern raised regarding potential structural impacts on the respondent's timber-framed property in Cotton due to vibration from the construction of the haul road. The Environmental Statement (ES) includes assessment of potential vibration impacts along the haul road corridor, including consideration of sensitive receptors such as heritage buildings and timber structures. Based on the predicted construction activities in this location and the separation distance to nearby properties, the potential for vibration-induced structural damage to the property is assessed as low. However, National Grid recognises the specific sensitivity of older timber buildings and will ensure that vibration controls are implemented in accordance with the Outline Code of Construction Practice (CoCP) (document reference 7.2), including construction method selection and, where appropriate, site-specific monitoring. These controls are designed to prevent damage to nearby properties and will be secured through the final CoCP and contractor management processes. |
| 9-4.325 | Concern about structural damage to Mayfields (Grade II listed Tudor Hall) from construction traffic for the Project, and suggest that National Grid undertakes a full independent structural survey of Mayfields before commencing construction, and undertake further surveys every three months during construction, and then take a final survey upon completion of construction to determine structural damage of Mayfields, with the caveat that should | A Construction Vibration Assessment has been conducted as part of Environmental Statement (ES) Chapter 14: Noise and Vibration (document reference 6.14) and submitted with the Development Consent Order (DCO) application. Vibration levels are predicted to be below the level at which building damage, even cosmetic, may occur at this location. This, however, would be reviewed by the contractor as part of the specific noise and vibration assessments. Previous alignments presented at consultation events have shown an access route passing closer to this property, this access route is no longer present in the latest alignment |

| Consultation Report Ref | Matter | Applicant Response |
|-------------------------|---|---|
| | there be evidence of structural damage in survey taken during construction that construction ceases immediately | |
| 9-4.326 | Concern about the impact of the Project on listed buildings in Holton St Mary (e.g. impacts of heavy machinery on foundations and integrity of buildings), and request for information on mitigation measures at these locations | A Construction Vibration Assessment has been conducted as part of Environmental Statement (ES) Chapter 14: Noise and Vibration (Document Reference 6.14) and submitted with the Development Consent Order (DCO) application. No buildings/structures have been identified in this area as being in close proximity to potential works with the potential to result in high vibration levels, without mitigation. This will be reviewed by the contractor as part of the specific noise and vibration assessments and specific measures will be put in place to manage and reduce vibration levels. |
| 9-5.68 | Concern about damage to Mulleys Cottage (a Grade II listed building with a timber frame) caused by vibrations from construction vehicles as part of the Project in addition to the widening works being carried out on Bentley Road / Request for further information on the mitigation measures National Grid will be taking to protect Mulleys Cottage from this risk | National Grid has worked to minimise potential impacts on the historic environment, including listed buildings such as the Pair of Cottages approximately 10 m south of The Fox and Hounds Public House, Bentley Road (111418) and its setting through assessments made including site visits and extensive desk-based research, to thoroughly evaluate the setting of the heritage assets and understand their value during the design process. Mitigation efforts have then been explored to mitigate identified impacts effectively. These have been documented within the Historic Environment Assessment in the Environmental Statement (ES), Chapter 11: Historic Environment (document reference 6.11), which forms an integral part of the Environmental Impact Assessment (EIA) for the Project. Ongoing collaboration with Historic England and relevant planning authorities has ensured a comprehensive approach to heritage-related matters, incorporating suitable mitigation measures and techniques based on their input. The heritage assessment of Pair of Cottages Approximately 10 m South of the Fox and Hounds Public House (111418) - including Mulleys Cottage concludes a temporary negligible adverse significance of effect on the asset during the construction period and a permanent negligible adverse significance of effect on the asset |

**Consultation Matter
Report Ref**

Applicant Response

during the operation phase. No additional mitigation measures are proposed during the construction phase as any measures designed to lessen the visual impact of the Project would be of a scale that would visually adversely alter the setting of the asset. National Grid acknowledges there would be plant movement and noise during the construction of an East Anglia Connection Node (EACN) substation access carriageway causing a minor change to the rural aspect of the asset's setting. Therefore, during the construction phase, standard construction mitigation as outlined in the Outline Code of Construction Practice (CoCP) (document reference 7.2) would be implemented. An assessment of construction vibration is presented in Environmental Statement (ES) Chapter 14: Noise and Vibration (document reference 6.14). The assessment indicates that impacts from construction traffic vibration are not expected at Mulleys Cottage. This would be reviewed further by the contractor(s) prior to works and mitigation measures would be incorporated into the works where required.

| | | |
|--------|--|---|
| 9-5.89 | <p>Concern that vibrations caused by heavy construction traffic as part of the Project will damage respondents Grade II Listed property (near Little Bromley) / Criticism that National Grid have not included respondent's property (near Little Bromley) on their list</p> | <p>A Construction Vibration Assessment has been conducted as part of the Environmental Statement (ES), Chapter 14: Noise and Vibration (document reference 6.14) and submitted with the Development Consent Order (DCO) application.</p> <p>Vibration from construction traffic has been scoped out of the assessment on the basis that vibration from traffic is caused by irregularities in the road surface (e.g. potholes). Where the road is well maintained significant levels of vibration would not be expected. The vibration assessment does, however, include consideration of construction activities which may generate material levels of vibration, such as piling and ground compaction. The assessment assumes relatively worst-case assumptions in order to identify potential vibration 'hot-spots' with regards to potential impacts on people within buildings (i.e. annoyance), as well as potential damage to buildings and structures. The level of vibration that is perceptible to people is significantly lower than that which would cause damage to buildings or structures. Vibration levels where there is a risk of damage to buildings and structures would only occur where vibratory works are in very close proximity; within 2 to 10 meters, depending on the activity. The assessment has taken a risk-based approach to potential damage to buildings and structures, identifying locations where there is even a slight risk of damage from</p> |
|--------|--|---|

| Consultation Matter Report Ref | Applicant Response |
|--------------------------------|---|
| | <p>vibration, based on the guidance of BS 5228 2:2009+A1:2014 ‘Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration’. A small number of locations have been identified where there is a non-zero risk of damage from construction vibration; all of which are due to potential compaction activities associated with highways upgrades and haul roads. The identified locations would require special consideration by the contractor to reduce and manage vibration levels to avoid significant adverse effects and potential damage. This would include consideration of alternative methods, such as non-vibratory techniques, pre- and post-works condition surveys, and monitoring of vibration levels during the works. Additionally, further to the assessment conducted as part of the ES, the contractor would undertake further detailed construction vibration assessments, as secured by the Code of Construction Practice (CoCP) (document reference 7.2) and Appendix F: Outline Noise and Vibration Management Plan (NVMP) found within the Outline Code of Construction Practice (CoCP) (document reference 7.2), based on their specific methodologies for each activity so that any additional risks can be identified and appropriate mitigation put in place. As such, where appropriate mitigation is put in place in the form of Best Practicable Means (BPM), significant adverse effects and potential damage to buildings or structures would not be expected at any location</p> |
| 9-5.96 | <p>Concern about structural damage to Hawain Public House (Grade II listed) caused by vibrations from construction vehicles</p> <p>A Construction Vibration Assessment has been conducted as part of Environmental Statement (ES) which can be found within Chapter 14: Noise and Vibration (document reference 6.14) and submitted with the Development Consent Order (DCO) application. Vibration levels due to construction traffic are predicted to be below the level at which building damage, even cosmetic, may occur at this location. However, this location has been identified as being in close proximity to potential compaction works in relation to highways mitigation which has the potential to result in high vibration levels without mitigation. This would be reviewed by the contractor as part of the specific noise and vibration assessments and specific measures would be put in place to manage and reduce vibration levels. If a building was found to of sustained damage due to the construction works, National Grid would be liable to carry out repairs and/or compensate the property owner.</p> |

| Consultation Report Ref | Matter | Applicant Response |
|-------------------------|---|--|
| 9-5.382 | Request a detailed survey of the properties (residential / business / heritage) along the proposed route in Little Bromley in relation to concern over their foundations and potential for damage during construction | A Construction Vibration Assessment has been conducted as part of Environmental Statement (ES) Chapter 14: Noise and Vibration (document reference 6.14) and submitted with the Development Consent Order (DCO) application. Four buildings/structures have been identified in this area as being in close proximity to potential compaction works in relation to highways mitigation which has the potential to result in high vibration levels without mitigation. This would be reviewed by the contractor as part of the specific noise and vibration assessments and specific measures would be put in place to manage and reduce vibration levels. If a building or structure was found to of sustained damage due to the construction works, National Grid would be liable to carry out repairs and/or compensate the property owner. |
| 9-9.12 | Concern about the impact of the Project on residential properties / structural damage at Horndon on the Hill (given that this area is prone to subsidence | Construction noise and vibration would be managed in accordance with the measures set out in the Outline Code of Construction Practice (CoCP) (document reference 7.2). Contractors would be required to follow good construction practices (referred to as Best Practicable Means (BPM)) as outlined in British Standard (BS) 5228-1 and BS 5228-2 to control noise and vibration respectively. BS 5228-1 and BS 5228-2 have Approved Code of Practice status (in England) under the powers conferred by Sections 71(1)(b), (2) and (3) of the Control of Pollution Act 1974, as enacted under The Control of Noise (Code of Practice for Construction and Open Sites) (England) Order 2015. Compliance with the good practice noise and vibration requirements stated therein became a statutory obligation under the Act. National Grid has undertaken an Environmental Impact Assessment (EIA) for the Project. The results of this assessment are provided in the Environmental Statement (ES) (document reference Volume 6: Environmental Statement) that accompanies the application for development consent. The EIA identifies and assesses the likely significant effects on the environment (including from lighting and noise and vibration) during the construction and operation of the Project and recommends appropriate mitigation measures to reduce potential effects. Any specific mitigations identified around Horndon on the Hill will be adhered to in delivery. |

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