

YG-DCO-150

Yorkshire Green Energy Enablement (GREEN) Project

Volume 8

**Document 8.34.1 Applicant's Position Statement with North Yorkshire
Council on Working Hours**

**Final Issue A
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Version History

Document	Version	Status	Description / Changes
06/09/2023	A	Final	First Issue

1. Introduction

1.1 Purpose of this Document

- 1.1.1 As discussed at Issue Specific Hearing 2 (ISH2), the purpose of this Document is to record National Grid's position and the local authorities' position on construction phase Working Hours matters. Leeds City Council and City of York Council have no objection to the working hours that have been proposed. This has been confirmed in the **Leeds City Council Statement of Common Ground (SoCG) (Document 8.5.4(D))** and the **City of York SoCG (Document 8.5.3(C))** respectively. This Document therefore details the opinions of National Grid and North Yorkshire Council (NYC) only.
- 1.1.2 The Document adopts a tabular structure (**Table 1.1** summarises the main topic positions and **Table 1.2** provides more detail on each specific element), with National Grid's position set out in the 2nd column followed by a column for NYC to record their position.
- 1.1.3 For the avoidance of doubt, the text in the NYC column has been inserted by the authority itself. It is not National Grid's interpretation, but the views expressed by NYC.
- 1.1.4 The only aspect of working hours raised as an issue by NYC are in respect of noise, and as such, this Document is focused on the noise impact and Needs Case aspects of the project exclusively. The Needs Case is integral to the consideration of working hours, as it is the Needs Case that is the driver behind the need to work within the hours that NYC are contesting.
- 1.1.5 It is hoped the Document will assist the Examining Authority in understanding the position of National Grid and NYC on Working Hours matters.

1.2 Background

- 1.2.1 As detailed within the **Updated Needs Case (Document 7.4) [APP-205]**, the Yorkshire GREEN project needs to be operational by 2027 in order to:
- Reinforce the network;
 - Ensure future connections of renewable generation can be connected without incurring significant constraint costs;
 - Facilitate net zero ambitions;
 - Enable connection of three contracted customers; and
 - Meet National Grid's transmission licence obligations.
- 1.2.2 The working hours which have been proposed for Yorkshire GREEN are required to facilitate the above and allow for the efficient and timely delivery of the Project.
- 1.2.3 During design development, a route was selected which avoids settlements and sensitive receptors as far as possible.
- 1.2.4 Where impacts have been identified as unavoidable, mitigation measures have been embedded into the design to avoid these impacts being significant. These measures

include acoustic enclosures, noise barriers where needed and noise bunds. Further details of the embedded mitigation measures relating to noise have been set out in **ES Chapter 14 Noise and Vibration (Document 5.2.14) [APP-086]**.

- 1.2.5 Certain noisy activities such as piling have been limited to more constrained times as detailed and secured through Requirement 7 in Schedule 3 of the **draft DCO (Document 3.1(F))**.
- 1.2.6 As a result of these design measures, no significant noise effects are anticipated at any location across the proposed route.
- 1.2.7 In relation to the proposed working hours themselves, these reflect the need to deliver the Project in a timely manner, in accordance with the programme to meet the Earliest In Service Date, and also reflect the shift patterns of workers, which is typically based on a '10 days working, two days off' schedule.
- 1.2.8 There would be multiple contractors working in different locations across the Project on different activities which would start and end at different times. However, the detailed programme to be developed by the contractors would not be designed from the outset for works to be undertaken on every weekend. The main works contractors, when appointed, would develop a detailed construction programme, based on the final detailed design which will indicate what activities are undertaken when, and which activities are on the critical path for the programme. Whilst it is not intended for the contractors to work every day, certain activities which are critical to the programme require the ability to work every day to ensure that the programme is maintained.
- 1.2.9 Flexibility in the working hours is required in order to facilitate the above and to allow for contingency to accommodate common factors that cause delay to project construction works such as:
- Heavy rain preventing working with soil which would mean that any groundworks would not be able to be undertaken, trenches would be unable to be dug and construction access roads unable to be built. During the winter months, it is not uncommon for prolonged periods of rain leading to saturated or frozen ground.
 - Heavy wind which could prevent working at height, or lifting activities which would be required for activities such as those linked to pylons and overhead lines.
 - Undertaking works around system outages. When working on a live electricity system, it is necessary to fit work around system outages. Outage season is highly restrictive and there is a need to ensure minimal interruptions are made to the wider electricity network.
 - Access to land. National Grid seek to work with landowners as much as possible and may need to accommodate some of their constraints regarding land access, especially those who are actively working on the land.
 - Some of the infrastructure required, such as supergrid transformers within the substations, must be ordered years in advance, and a slot for delivery booked at that time. Any delay in preparing the ground could mean large infrastructure cannot be delivered and must sit at ports (if space allows), potentially resulting in significant costs.
- 1.2.10 For National Grid, the flexibility and ability to allow for contingency in the works programme which the proposed working hours enables is essential to ensure the tight construction programme is met while working in a safe manner, ensuring environmental impacts are minimised and maintaining positive relations with landowners.

- 1.2.11 Following receipt of NYC's working hours position reported in the Tables below, it is apparent that there may be a confusion over the availability of baseline data. Representative baseline background and ambient levels at receptors near to substations and CSECs were obtained ahead of the application. These are reported in **Appendix 14A Baseline Noise Report (Document 5.3.14A) [APP-150]**.
- 1.2.12 The suggestion that Monk Fryston is a very low noise area and that the underlying background is 30dB does not accord with data collected during the baseline monitoring. On Sundays at the most relevant receptor locations MF1 (Monk Fryston Lodge) existing Sunday ambient noise levels of 44dB and Background L₉₀ levels of 37 dB were measured; and at MF3 (Pollums House Farm), which is closer to the A1(M), ambient noise levels of 59dB and background L₉₀ levels of 44dB, were measured.
- 1.2.13 It is also noted that NYC refer to background levels (L_{A90}) that are generally not considered in the assessment of construction noise. The National Grid noise and vibration assessment set out in **ES Chapter 14 Noise and Vibration (Document 5.2.14) [APP-086]** considered the parameter of ambient noise level (L_{Aeq,T}) to characterise the existing baseline, which is usually the case when undertaking construction noise assessments in accordance with the Approved Code of Practice (BS5228).

Table 1.1 – Working Hours Position Summary

Working Hours Matter	National Grid's Position	North Yorkshire Council Position
What is the Position on piling activity and Working Hours?	<p>National Grid has set its proposed piling hours in Requirement 7 of the draft DCO (Document 3.1(F)), and its position on piling hours as discussed at ISH2 (Table 8.1 Document 8.23.1) [REP4-023] and ISH4 (Table 7.3 iii Document 8.29.2) [REP6-060].</p> <p>Although temporary (less than 10 days) adverse effects may be experienced, there are no significant long term adverse effects from piling. Therefore, the proposed Working Hours for piling activities are considered appropriate.</p>	<p>Piling operations are separately covered in Requirement 7(2) and will not take place between 0800 and 1700 Mondays to Fridays and 0900 to 1400 on Saturdays. There are no objections to this as confirmed in email corrs dated 28/07/23.</p>
What is the Position on Working Hours at substations and Cable Sealing End Compounds (CSECs)?	<p>The predictions for construction noise at noise sensitive receptors near CSECs and substations demonstrate no significant effects with mitigation (i.e. application of the Noise and Vibration Management Plan (NVMP) (Document 5.3.3H) [APP-101], secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) at any time period. Therefore, the proposed Working Hours are considered appropriate.</p>	<p>It is advised that core construction hours set out within dDCO Requirement 7 should be amended to between 0800 and 1800 Mondays to Fridays, between 0800 and 1300 on Saturdays, and not at all on Sundays and Bank Holidays, which reflect those considered to safeguard residential amenity in the early mornings, into the evening, and on Sundays and Bank Holidays. This applies only to core construction hours and is a separate issue to construction works identified within Requirement 7 as necessary outside of these hours.</p>
What is the Position on Working Hours at temporary worksites related to Horizontal Directional Drilling (HDD)?	<p>The predictions for construction noise, at noise sensitive receptors near HDD worksites, demonstrate no significant effects with mitigation (i.e. application of NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) at any time period. Therefore, the proposed Working Hours are considered appropriate.</p>	<p>It is advised that core construction hours set out within dDCO Requirement 7 should be amended to between 0800 and 1800 Mondays to Fridays, between 0800 and 1300 on Saturdays, and not at all on Sundays and Bank Holidays, which reflect those considered to safeguard residential amenity in the early mornings, into the evening, and on Sundays and Bank Holidays. This applies only to core construction hours and is a separate issue to construction works identified within Requirement 7 as necessary outside of these hours.</p>
What is the Position on Working Hours at temporary worksites related to pylon construction and/or demolition?	<p>The predictions for construction noise demonstrate no significant effects with embedded mitigation at any time period. Sensitive Receptors at the Travellers' encampment at Monk Fryston are likely to experience levels above the threshold of significance for construction noise, but this is not expected to trigger the temporal threshold (i.e. there would not be more than 10 days in any 14 day period where levels are above the threshold of significance at any single receptor and as such, impacts are considered to be not significant). Additional construction management will be applied at this location and is addressed by the specific construction management plan secured by Requirement 19 of the draft DCO (Document 3.1(F)).</p> <p>Therefore, the proposed Working Hours are considered appropriate.</p>	<p>It is advised that core construction hours set out within dDCO Requirement 7 should be amended to between 0800 and 1800 Mondays to Fridays, between 0800 and 1300 on Saturdays, and not at all on Sundays and Bank Holidays, which reflect those considered to safeguard residential amenity in the early mornings, into the evening, and on Sundays and Bank Holidays. This applies only to core construction hours and is a separate issue to construction works identified within Requirement 7 as necessary outside of these hours.</p>
What is the Position on any other Working Hours matters?	<p>No other Working Hours matters have been identified in addition to those set out in detail within Table 1.2</p>	<p>It is advised that core construction hours set out within dDCO Requirement 7 should be amended to between 0800 and 1800 Mondays to Fridays, between 0800 and 1300 on Saturdays, and not at all on Sundays and Bank Holidays, which reflect those considered to safeguard residential amenity in the early mornings, into the evening, and on Sundays and Bank Holidays. This applies only to core construction hours and is a separate issue to construction works identified within Requirement 7 as necessary outside of these hours.</p>

Table 1.2 – Working Hours Position

	National Grid’s Position	North Yorkshire Council Position
Piling		
<p>What are the issues related to piling works on weekdays (Monday to Friday 08:00 – 17:00)?</p>	<p>Noise disturbance may be possible at temporary (pylon) piling work sites, but the temporal threshold would not be exceeded at any location i.e. there would not be more than 10 days continuous piling in any 14 day period affecting any single receptor.</p> <p>The nearest sensitive receptor (HAR03) is 135m away from potential piling works (at pylon XC424) and most receptors are a much greater distance than this.</p> <p>Noise disturbance above the threshold of significance is not predicted at longer-term (substation and CSEC) worksites.</p> <p>National Grid considers that with the application of mitigation (i.e physical screening where necessary and application of best practice management procedures) detailed within the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)), adverse noise impact on receptor amenity will be minimised and significant adverse impact completely avoided. This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in Section 2.1.8 of the NVMP (Document 5.3.3H) [APP-101]) and the complaint monitoring, investigation and resolution procedures (as detailed within Section 2.8 of the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) to ensure the amenity of sensitive receptors is preserved as far as possible during the daytime time periods.</p>	<p>No objection</p>
<p>What are the issues related to piling on Saturdays (09:00 – 14:00)?</p>	<p>Noise disturbance may be possible at temporary (pylon) piling work sites, but the temporal threshold would not be exceeded at any location i.e. there would not be more than 10 days continuous piling in any 14 day period affecting any single receptor.</p> <p>Although Saturday piling hours proposed between 13:00 and 14:00 are considered to be part of the “Weekend” working hours, as reported in Annex E of British Standard 5228, and thus would generally attract a more stringent criterion of 55dB $L_{Aeq,T}$. National Grid would seek adjustment to the threshold of significance such that for piling, the hour between 13:00 and 14:00 is the same as the preceding period (i.e. relaxation to 65 dB $L_{Aeq,T}$) for this hour. This is considered preferable to adjusting piling hours to 08:00 – 13:00, which, although would be in line with the standard daytime in Table E1 of BS5228, is less likely to be acceptable to the public. This position has been confirmed to be acceptable to NYC in the response to Action Point 15 of ISH4 (Document 8.29.2) [REP6-060] and reported in Examination Document [AS-025] “<i>There are no objections to this approach and note that the threshold of significance for such works is 65dB $L_{Aeq,5hr}$ which is acceptable</i>”, and is included in the final SoCG (Document 8.5.2(D)).</p>	<p>No objection</p>
Cable Sealing End Compound		
<p>What are the issues related to working in the “standard daytime” core hours (Monday to Friday 07:00 – 19:00 Saturday 07:00 – 13:00)?</p>	<p>Construction activity at CSECs is not predicted to give rise to significant effects in this time period with or without mitigation.</p> <p>The NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) provides for acoustic screening at the Temporary Construction Compounds at both Tadcaster and Shipton.</p>	<p>For the Selby locality, CSECs relate only to Section D (Tadcaster Area) (ref: Document 5.2.14 para 14.1.9). Relevant receptors are SEL08, SEL09 and SEL10 with the predicted noise level at receptors up to 67dB $L_{Aeq,T}$ (cumulative alongside HDD works) (Table 14.22 [SEL09]). Existing background levels have not been measured but are assumed to be 30dB $L_{A90,T}$. This represents a significant exceedance of up to +37dB and should be avoided outside the hours 0800 – 1800 Mondays to Fridays and 0800 – 1300 on Saturdays.</p>
<p>What are the issues related to working in the proposed weekend core hours:</p>	<p>Construction activity at CSECs is not predicted to give rise to significant effects in this time period with mitigation applied.</p>	<p>For the Selby locality, CSECs relate only to Section D (Tadcaster Area) (ref: Document 5.2.14 para 14.1.9). Relevant receptors are SEL08, SEL09 and SEL10 with the predicted noise level at receptors up to 67dB $L_{Aeq,T}$ (cumulative alongside HDD works) (Table 14.22 [SEL09]). Existing background levels have</p>

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(Saturday 13:00 – 17:00
Sunday/ Bank Holiday 07:00 –
17:00)?

The **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the Temporary Construction Compounds at both Tadcaster and Shipton.

The activity at the weekend proposed core hours is required to meet the programme to meet the need for the Project as described in the **Updated Needs Case (Document 7.4) [APP-205]**.

Furthermore, as discussed at **ISH2 (Table 8.1i Document 8.23.1) [REP4-023]**, the specialist contractors that undertake such construction works operate a working model that does not distinguish between weekday and weekends, and adopting standard weeks would severely restrict their effective work hours and severely impact the programme.

As detailed in the **Updated Needs Case (Document 7.4) [APP-205]** submitted in support of the application, there is a critical need for this reinforcement Project to be in place to meet its Earliest In Service Date in 2027. This urgency is recognised further by the inclusion of this Project in Ofgem's decision on accelerating onshore electricity transmission investment and its decision to introduce a new Accelerated Strategic Transmission Investment (ASTI) framework.

National Grid maintain that the working hours put forward as part of the application are required for the successful delivery of the Project meeting the September 2027 energisation date. The Project has a tight construction programme with a number of key dates that must be achieved in order to meet the Earliest In Service Date, such as a significant number of outage requirements that cannot be changed and are booked well in advance of construction. Should an outage be missed, this could have a significant impact on the construction programme, with another outage potentially not available until the next outage season. As the outage dates are limited in their availability and duration, it is not possible to reduce the working hours from those proposed in the draft DCO, as it is essential to the programme that all works are completed within the limited outage window, which will include working Sundays and Bank Holidays. Due to the nature of the works, and skilled workers that are required on this Project, the workforce usually is widely geographically spread, and typically works of this nature are undertaken on a 10 day on 2 day off work pattern to maximise productivity and minimise time lost to travel. This is standard across the industry. It is not envisaged that construction would take place every day, and every weekend throughout the Project, however National Grid need the flexibility to work those days and hours should there be a need to do so to meet the key dates referred to above. This may be required due to unforeseen circumstances, or weather delays that mean that progress on certain elements of work has not been made as expected, in which case National Grid may, for example, need to undertake construction works at all times throughout the weekend to maintain the programme and meet those key dates. This could be required where there is an extended period of wet weather that means that soil is unable to be worked on for a period of time. The overarching programme including the need to build in float to the programme requires the working hours as set out in Requirement 7 of the **draft DCO (Document 3.1(F))** to ensure the programme can be achieved and the connection is in place to meet the Earliest In Service Date in 2027.

National Grid considers that with the application of mitigation (i.e physical screening where necessary and application of best practice management procedures) detailed within the **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** and the lower thresholds of significance applied for weekend hours, adverse noise impact on receptor amenity will be minimised and significant adverse impact completely avoided. This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in **Section 2.1.8**

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not been measured but are assumed to be 30dB LA90,T. This represents a significant exceedance of up to +37dB and should be avoided outside the hours 0800 – 1800 Mondays to Fridays and 0800 – 1300 on Saturdays.

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of the **NVMP (Document 5.3.3H) [APP-101]** and the complaint monitoring, investigation and resolution procedures (as detailed within **Section 2.8** of the **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** to ensure the amenity of sensitive receptors is preserved as far as possible during the daytime periods that may be the most sensitive.

What are the issues related to working outside the proposed core hours?

Night-time construction activity at CSECs is not predicted to give rise to significant effects in this time period with mitigation applied.

The **NVMP (Document 5.3.3H) [APP-101]** secured by **Requirement 5(2)(f)** of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the Temporary Construction Compounds at both Tadcaster and Shipton.

The nature of works undertaken outside core hours is strictly controlled through **Requirement 7(3)** of the **draft DCO (Document 3.1(F))** i.e. no works can take place outside the core hours other than:

- the jointing of underground cables,
- installation and removal of conductors, pilot wires and associated protective netting across highways, railway lines or watercourses;
- the completion of operations commenced during the core working hours which cannot safely be stopped;
- any highway works requested by the relevant highway authority to be undertaken on a Saturday or a Sunday or outside the core working hours;
- the testing or commissioning of any electrical plant installed as part of the authorised development;
- the completion of works delayed or held up by severe weather conditions which disrupted or interrupted normal construction activities;
- start up and close down activities, which may take place one hour immediately prior to or one hour immediately after the core working hours; and
- security monitoring.

Noise impacts at receptors SEL08, SEL09 and SEL10

Substations

What are the issues related to working in the "standard daytime" core hours (Monday to Friday 07:00 – 19:00 Saturday 07:00 – 13:00)?

Construction activity at Substations is not predicted to give rise to significant effects in this time period with or without mitigation.

The **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the Temporary Construction Compounds and the Substation construction areas at Monk Fryston and Overton.

For the Selby locality, the substation relates only to Section F (Monk Fryston Area) (ref: Document 5.2.14 para 14.1.11). Relevant receptors are SEL15, SEL18, SEL19, SEL20, SEL21, SEL22 and SEL23 with the predicted noise levels at receptors ranging from 46-62dB LAeq,T (Table 14.24). Existing background levels have not been measured but are assumed to be 30dB LA90,T. This represents a significant exceedance of up to +32dB and should be avoided outside the hours 0800 – 1800 Mondays to Fridays and 0800 – 1300 on Saturdays.

What are the issues related to working in the proposed weekend core hours: (Saturday 13:00 – 17:00 Sunday/ Bank Holiday 07:00 – 17:00)?

Construction activity at Substations is not predicted to give rise to significant effects in this time period with or without mitigation.

The **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the Temporary Construction Compounds and the Substation construction areas at Monk Fryston and Overton.

As noted above in relation to CSEC construction, the work within the non-standard-daytime core hours is required to meet the programme to meet the need for the Project as described in the **Updated Needs Case (Document 7.4) [APP-205]** In addition to this with respect to the substations, the Project requires eight supergrid transformers, which have agreed shipping dates, as these are sourced from outside of the UK. The

For the Selby locality, the substation relates only to Section F (Monk Fryston Area) (ref: Document 5.2.14 para 14.1.11). Relevant receptors are SEL15, SEL18, SEL19, SEL20, SEL21, SEL22 and SEL23 with the predicted noise levels at receptors ranging from 46-62dB LAeq,T (Table 14.24). Existing background levels have not been measured but are assumed to be 30dB LA90,T. This represents a significant exceedance of up to +32dB and should be avoided outside the hours 0800 – 1800 Mondays to Fridays and 0800 – 1300 on Saturdays.

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substations need to have the foundation and bund work complete to be able to accept these deliveries.

Also, as with CSEC construction, National Grid considers that the application of mitigation secured through the **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5f of the **draft DCO (Document 3.1(F))** and the lower thresholds of significance applied for weekend hours. This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in Section 2.1.8 of the **NVMP (Document 5.3.3H) [APP-101]**) and the complaint monitoring, investigation and resolution procedures (as detailed within Section 2.8 of the **NVMP (Document 5.3.3H) [APP-101]**) to ensure the amenity of sensitive receptors is preserved as far as possible during the daytime periods that may be the most sensitive.

What are the issues related to working outside the proposed core hours?

Night-time construction activity at substations is not predicted to give rise to significant effects with mitigation applied.

The **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the Temporary Construction Compounds and substations at both Monk Fryston and Overton.

The nature of works undertaken outside core hours is strictly controlled through Requirement 7(3) of the **draft DCO (Document 3.1(F))** as detailed above with the addition of activity related to oil processing of transformers or reactors in substation sites.

Noise impacts at receptors SEL15, SEL18, SEL19, SEL20, SEL21, SEL22 and SEL23.

Horizontal Direct Drilling

What are the issues related to working in the "standard daytime" core hours (Monday to Friday 07:00 – 19:00 Saturday 07:00 – 13:00)?

Construction activity at all HDD sites is not predicted to give rise to significant effects in the standard daytime core hours with or without mitigation.

The **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the HDD site at Tadcaster which will further minimise daytime noise impact at the sensitive receptor near this location.

For the Selby locality, HDD relates only to Section D (Tadcaster Area) (ref: Document 5.2.14 para 14.1.9). Relevant receptors are SEL08, SEL09 and SEL10 with the predicted noise level at receptors up to 67dB LAeq,T (cumulative alongside CSEC works) (Table 14.22 [SEL09]). Existing background levels have not been measured but are assumed to be 30dB LA90,T. This represents a significant exceedance of up to +37dB and should be avoided outside the hours 0800 – 1800 Mondays to Fridays and 0800 – 1300 on Saturdays.

What are the issues related to working in the proposed weekend core hours: (Saturday 13:00 – 17:00 Sunday/ Bank Holiday 07:00 – 17:00)?

HDD works require weekend core hours for the works to be completed, to meet the programme to meet the need for the Project as described in the **Updated Needs Case (Document 7.4) [APP-205]** and as described above in the weekend working hours section for CSECs. There are also situations where HDD drilling activity, or ancillary works supporting the drilling activity need to be completed in one continuous operation and need plant to continue to operate even if not actively drilling.

National Grid maintain that with the application of mitigation secured through the **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** and the lower thresholds of significance applied for weekend hours there will be no significant effects. This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in Section 2.1.8 of the **NVMP (Document 5.3.3H) [APP-101]**) and the complaint monitoring, investigation and resolution procedures (as detailed within Section 2.8 of the **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** to ensure the amenity of sensitive receptors is preserved as far as possible during the daytime time periods that may be the most sensitive.

For the Selby locality, HDD relates only to Section D (Tadcaster Area) (ref: Document 5.2.14 para 14.1.9). Relevant receptors are SEL08, SEL09 and SEL10 with the predicted noise level at receptors up to 67dB LAeq,T (cumulative alongside CSEC works) (Table 14.22 [SEL09]). Existing background levels have not been measured but are assumed to be 30dB LA90,T. This represents a significant exceedance of up to +37dB and should be avoided outside the hours 0800 – 1800 Mondays to Fridays and 0800 – 1300 on Saturdays.

What are the issues related to working outside the proposed core hours?

Where undertaken at night-time (i.e. where works need to be continued for safety reasons, or where night works are needed to prevent collapses), construction activity at HDDs will need mitigation to ensure significant effects in this time period are avoided.

Noise impacts at receptors SEL08, SEL09 and SEL10

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The **NVMP (Document 5.3.3H) [APP-101]** secured by Requirement 5(2)(f) of the **draft DCO (Document 3.1(F))** provides for acoustic screening at the HDD site at Tadcaster, however, general noise control measures described within the NVMP will also apply.

The nature of works undertaken outside core hours is strictly controlled through Requirement 7(3) of the **draft DCO (Document 3.1(F))** which explicitly limits the activities allowed to be undertaken at night to those required for safety purposes or after excessively detrimental weather in order to meet programme constraints.

New Overhead Lines

<p>What are the issues related to working in the “standard daytime” core hours (Monday to Friday 07:00 – 19:00 Saturday 07:00 – 13:00)?</p>	<p>Construction activity at all pylon sites is predicted not to give rise to significant effects in the standard daytime core hours.</p> <p>Activity related to constructing new pylon XC522 is predicted to give rise to worst case levels in excess of the threshold of significance, but not above the temporal threshold. Noise from the works will be minimised through the application of embedded mitigation as secured through the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) and liaison with the Traveller community will be undertaken to avoid significant noise impacts during these works. A site-specific mitigation plan for the Travellers’ encampment will be developed as required by Requirement 19 of the draft DCO (Document 3.1(F)) and liaison with the Traveller community is secured through the Code of Construction Practice Paragraph 2.2.12 (Document 5.3.3B(D)) [REP6-037] as secured by Requirement 5(2)(a) of the draft DCO.</p> <p>This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in Section 2.1.8 of the NVMP (Document 5.3.3H) [APP-101]) and the complaint monitoring, investigation and resolution procedures (as detailed within Section 2.8 of the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) to ensure the amenity of sensitive receptors is preserved as far as possible.</p>	<p>No objection</p>
<p>What are the issues related to working in the proposed weekend core hours: (Saturday 13:00 – 17:00 Sunday/ Bank Holiday 07:00 – 17:00)?</p>	<p>The predictions for construction noise demonstrate no significant effects with embedded mitigation in the non-standard daytime working hours.</p> <p>Activity related to constructing new pylon XC522 is predicted to give rise to levels above the threshold of significance, at sensitive receptors at the Travellers’ encampment at Monk Fryston, but this is not expected to trigger the temporal threshold (i.e. there would not be more than 10 days in any 14 day period where levels are above the threshold of significance at any single receptor). Furthermore, significant effects will be avoided with the application embedded mitigation proposed in the NVMP on the basis of the predicted worst case level. Additional noise management will be applied at this location and is addressed by the specific construction management plan secured by Requirement 19 of the draft DCO (Document 3.1(F)).</p> <p>This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in Section 2.1.8 of the NVMP (Document 5.3.3H) [APP-101]) and the complaint monitoring, investigation and resolution procedures (as detailed within Section 2.8 of the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) to ensure the amenity of sensitive receptors is preserved as far as possible</p>	<p>No objection</p>
<p>What are the issues related to working outside the proposed core hours?</p>	<p>Night-time construction activity at pylons will not give rise to significant noise impacts, due to the very short duration of any noisy works covered by Requirement 7(3) of the draft DCO (Document 3.1(F)) which restricts works outside the core working hours to the following:</p>	<p>No objection</p>

National Grid's Position

North Yorkshire Council Position

- installation and removal of conductors, pilot wires and associated protective netting across highways, railway lines or watercourses;
- the completion of operations commenced during the core working hours which cannot safely be stopped;
- any highway works requested by the relevant highway authority to be undertaken on a Saturday or a Sunday or outside the core working hours;
- the testing or commissioning of any electrical plant installed as part of the authorised development;
- the completion of works delayed or held up by severe weather conditions which disrupted or interrupted normal construction activities;
- start up and close down activities, which may take place one hour immediately prior to or one hour immediately after the core working hours; and
- security monitoring.

Night time works mainly comprise the drawing of bonds over scaffolds over watercourses, roads and rail, which needs to be undertaken at times when the activity causes the least disturbance to the traffic mode below. This activity is completed in a matter of hours and is not inherently noisy throughout the night, though may be impulsive for a few seconds.

Works to existing pylons/overhead

<p>What are the issues related to working in the “standard daytime” core hours (Monday to Friday 07:00 – 19:00 Saturday 07:00 – 13:00)?</p>	<p>Construction activity at all pylon sites is predicted to avoid significant effects in the standard daytime core hours.</p> <p>Activity related to decommissioning pylon XC522T is predicted to give rise to levels above the threshold of significance ,at sensitive Receptors at the Travellers’ encampment at Monk Fryston, but this is not expected to trigger the temporal threshold (i.e. there would not be more than 10 days in any 14 day period where levels are above the threshold of significance at any single receptor), and embedded mitigation, as secured through the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)), is proposed on the basis of the predicted worst case level. Additional construction management will be applied at this location and is addressed by the specific construction management plan secured by Requirement 19 of the draft DCO (Document 3.1(F)).</p> <p>Liaison with the Traveller community is secured through the Code of Construction Practice Paragraph 2.2.12 (Document 5.3.3B(D)) [REP6-037] as secured by Requirement 5(2)(a) of the draft DCO.</p> <p>This will be supplemented, where required, by the noise and vibration monitoring procedures (as set out in Section 2.1.8 of the NVMP (Document 5.3.3H) [APP-101]) and the complaint monitoring, investigation and resolution procedures (as detailed within Section 2.8 of the NVMP (Document 5.3.3H) [APP-101] secured by Requirement 5(2)(f) of the draft DCO (Document 3.1(F)) to ensure the amenity of sensitive receptors is preserved as far as possible</p>	<p>No objection</p>
<p>What are the issues related to working in the proposed weekend core hours: (Saturday 13:00 – 17:00 Sunday/ Bank Holiday 07:00 – 17:00)?</p>	<p>Construction activity at all pylon sites is predicted not to give rise to significant effects in the non-standard daytime working hours.</p> <p>Activity related to decommissioning pylon XC522T is predicted to give rise to levels above the threshold of significance.</p> <p>With the mitigation described in the row above, significant impacts are avoided.</p>	<p>No objection</p>

	National Grid's Position	North Yorkshire Council Position
What are the issues related to working outside the proposed core hours?	<p>Night-time construction activity at pylons will not give rise to significant noise impacts, due to the very short duration of any noisy works covered by Requirement 7(3) of the draft DCO (Document 3.1(F)).</p> <p>i.e. works which take place outside of the core hours are restricted to the following:</p> <ul style="list-style-type: none"> • installation and removal of conductors, pilot wires and associated protective netting across highways, railway lines or watercourses; • the completion of operations commenced during the core working hours which cannot safely be stopped; • any highway works requested by the relevant highway authority to be undertaken on a Saturday or a Sunday or outside the core working hours; • the testing or commissioning of any electrical plant installed as part of the authorised development; • the completion of works delayed or held up by severe weather conditions which disrupted or interrupted normal construction activities; • start up and close down activities, which may take place one hour immediately prior to or one hour immediately after the core working hours; and • security monitoring. <p>Night time works mainly comprise the drawing of bonds over scaffolds over watercourses, roads and rail, which needs to be undertaken at times when the activity causes the least disturbance to the traffic mode below. This activity is completed in a matter of hours and is not inherently noisy throughout the night, though may be impulsive for a few seconds.</p>	No objection
Any Other Working Hours Matters		
What are the other issues related to working in the “standard daytime” core hours (Monday to Friday 07:00 – 19:00 Saturday 07:00 – 13:00)?	<p>Although it has confirmed that it agrees with the outcomes of the assessment. NYC does not agree with the methodology applied for construction noise. That is to say that NYC states that BS5228-1:2009 +A1:2014 is not necessarily the best tool when assessing construction noise in rural areas. National Grid considers that the underlying background (L_{90}) level, is not appropriate to be the comparative parameter with respect to assessments of construction noise using BS5228. The appropriate comparative parameter being the ambient noise ($L_{Aeq,T}$). The presence of potentially low noise areas has been considered by all receptors being assessed as falling within the lowest noise category, (Category A) available in BS5228.</p> <p>National Grid considers that the methodology is appropriate and that all standard daytime working hours matters have been addressed above.</p>	No objection
What are the other issues related to working in the proposed weekend core hours: (Saturday 13:00 – 17:00 Sunday/ Bank Holiday 07:00 – 17:00)?	<p>Although it has confirmed that it agrees with the outcomes of the assessment. NYC does not agree with the methodology applied for construction noise. That is to say that NYC states that BS5228-1:2009 +A1:2014 is not necessarily the best tool when assessing construction noise in rural areas outside “standard weekday daytime” hours due to lower background levels encountered during these periods.</p> <p>National Grid considers that the underlying background (L_{90}) level, is not appropriate to be the comparative parameter with respect to assessments of construction noise using BS5228. The appropriate comparative parameter being the ambient noise ($L_{Aeq,T}$). The presence of potentially low noise areas has been considered by all receptors being assessed as falling within the lowest noise category, (Category A) available in BS5228.</p> <p>National Grid considers that all weekend working hours matters are covered above.</p>	No objection

National Grid's Position

North Yorkshire Council Position

What are the other issues related to working outside the proposed core hours?

National Grid considers that all night time working hours matters are covered above.

No objection

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