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Sent by email to:



03 April 2019

Dear Sir / Madam

**Solihull Council: Sites in Supplement to Local Plan Review Consultation  
SUBMISSION ON BEHALF OF NATIONAL GRID**

National Grid has appointed Wood to review and respond to development plan consultations on its behalf. We are instructed by our client to submit the following representation with regard to the current consultation on the above document.

**About National Grid**

National Grid Electricity Transmission plc (NGET) owns and maintains the electricity transmission system in England and Wales and National Grid Electricity System Operator (NGESO) operates the electricity transmission network across the UK. The energy is then distributed to the eight electricity distribution network operators across England, Wales and Scotland.

National Grid Gas plc (NGG) owns and operates the high-pressure gas transmission system across the UK. In the UK, gas leaves the transmission system and enters the UK's four gas distribution networks where pressure is reduced for public use.

National Grid previously owned part of the gas distribution system known as 'National Grid Gas Distribution limited (NGGDL). Since May 2018, NGGDL is now a separate entity called 'Cadent Gas'.

To help ensure the continued safe operation of existing sites and equipment and to facilitate future infrastructure investment, National Grid wishes to be involved in the preparation, alteration and review of plans and strategies which may affect National Grid's assets.

**Proposed sites crossed or in close proximity to National Grid infrastructure:**

Following a review of the above development plan, the following sites have been identified as being crossed or in close proximity to National Grid infrastructure. Further details are provided in the table overleaf.



## Electricity Transmission

Site Ref	Asset Details	Appendix Ref
<b>Site Ref 19</b> UK Central Hub/HS2 Interchange	<b>ZF Route</b> - 400Kv two circuit route from Feckenham substation in Redditch to Hams Hall substation in North Warwickshire	<b>ET343</b>

Please see enclosed plan referenced ET343 at Appendix 2. The proposed site is crossed by a National Grid high voltage electricity transmission overhead line.

The statutory safety clearances between overhead lines, the ground, and built structures must not be infringed. Where changes are proposed to ground levels beneath an existing line then it is important that changes in ground levels do not result in safety clearances being infringed. National Grid can, on request, provide to developers detailed line profile drawings that detail the height of conductors, above ordnance datum, at a specific site. You can find National Grid's guidelines for developing near Over Head Lines here: [https://www.nationalgrid.com/sites/default/files/documents/Development%20near%20overhead%20lines\\_0.pdf](https://www.nationalgrid.com/sites/default/files/documents/Development%20near%20overhead%20lines_0.pdf)

## Electricity Distribution

Western Power Distribution owns and operates the local electricity distribution network in Solihull Council. Contact details can be found at [www.energynetworks.org.uk](http://www.energynetworks.org.uk).

## National Grid Asset Guidance

National Grid seeks to encourage high quality and well-planned development in the vicinity of its high voltage overhead lines. Land beneath and adjacent to the overhead line route should be used to make a positive contribution to the development of the site and can for example be used for nature conservation, open space, landscaping areas or used as a parking court. National Grid, in association with David Lock Associates has produced 'A Sense of Place' guidelines, which provide detail on how to develop near overhead lines and offers practical solutions which can assist in avoiding the unnecessary sterilisation of land in the vicinity of high voltage overhead lines.

Potential developers of these sites should be aware that it is National Grid policy to retain our existing overhead lines in-situ. The relocation of existing high voltage overhead lines will only be considered for projects of national importance which has been identified as such by central government.

National Grid requests that any High-Pressure Gas Pipelines are taken into account when site options are developed in more detail. These pipelines form an essential part of the national gas transmission system and National Grid's approach is always to seek to leave our existing transmission pipelines in situ. Please refer to the Health and Safety Executive (HSE) in the first instance.

National Grid have land rights for each asset which prevents the erection of permanent/ temporary buildings, or structures, changes to existing ground levels, storage of materials etc. Additionally, written permission will be required before any works commence within the National Grid easement strip, and a deed of consent is required for any crossing of the easement. In the first instance please consider checking with the Land Registry for the development area.

If you require any further information in relation to the above and/or if you would like to check if National Grid's transmission networks may be affected by your works, please contact National Grid's Plant Protection team via [plantprotection@nationalgrid.com](mailto:plantprotection@nationalgrid.com) or visit the website: <https://www.linesearchbeforeudig.co.uk/>

## Further Advice

National Grid is happy to provide advice and guidance to the Council concerning our networks. If we can be of any assistance to you in providing informal comments in confidence during your policy development, please do not hesitate to contact us. In addition, the following publications are available from the National Grid website or by contacting us at the address overleaf:

- A sense of place – design guidelines for development near high voltage overhead lines: A sense of place design guidelines for development near high voltage overhead lines:  
<https://www.nationalgrid.com/sites/default/files/documents/Sense%20of%20Place%20-%20National%20Grid%20Guidance.pdf>
- Guidelines when working near NGG assets: <https://www.nationalgridgas.com/land-and-assets/working-near-our-assets>
- Guidelines when working near NGETT assets: <https://www.nationalgridet.com/network-and-assets/working-near-our-assets>

## Appendices - National Grid Assets

Please find attached in:

- Appendix 1 provides a map of the National Grid network across the UK.
- Appendix 2 provides maps of the sites referenced above in relation to the affected National Grid Transmission assets outlined above.

Please remember to consult National Grid on any Development Plan Document (DPD) or site-specific proposals that could affect our infrastructure. We would be grateful if you could add our details shown below to your consultation database:

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Consultant Town Planner

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Wood E&I Solutions UK Ltd  
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Spencer Jefferies  
Development Liaison Officer, National Grid

[box.landacquisitions@nationalgrid.com](mailto:box.landacquisitions@nationalgrid.com)

National Grid House  
Warwick Technology Park  
Gallows Hill  
Warwick  
Warwickshire  
CV34 6DA

I hope the above information is useful. If you require any further information, please do not hesitate to contact me.

Yours faithfully

[via email]

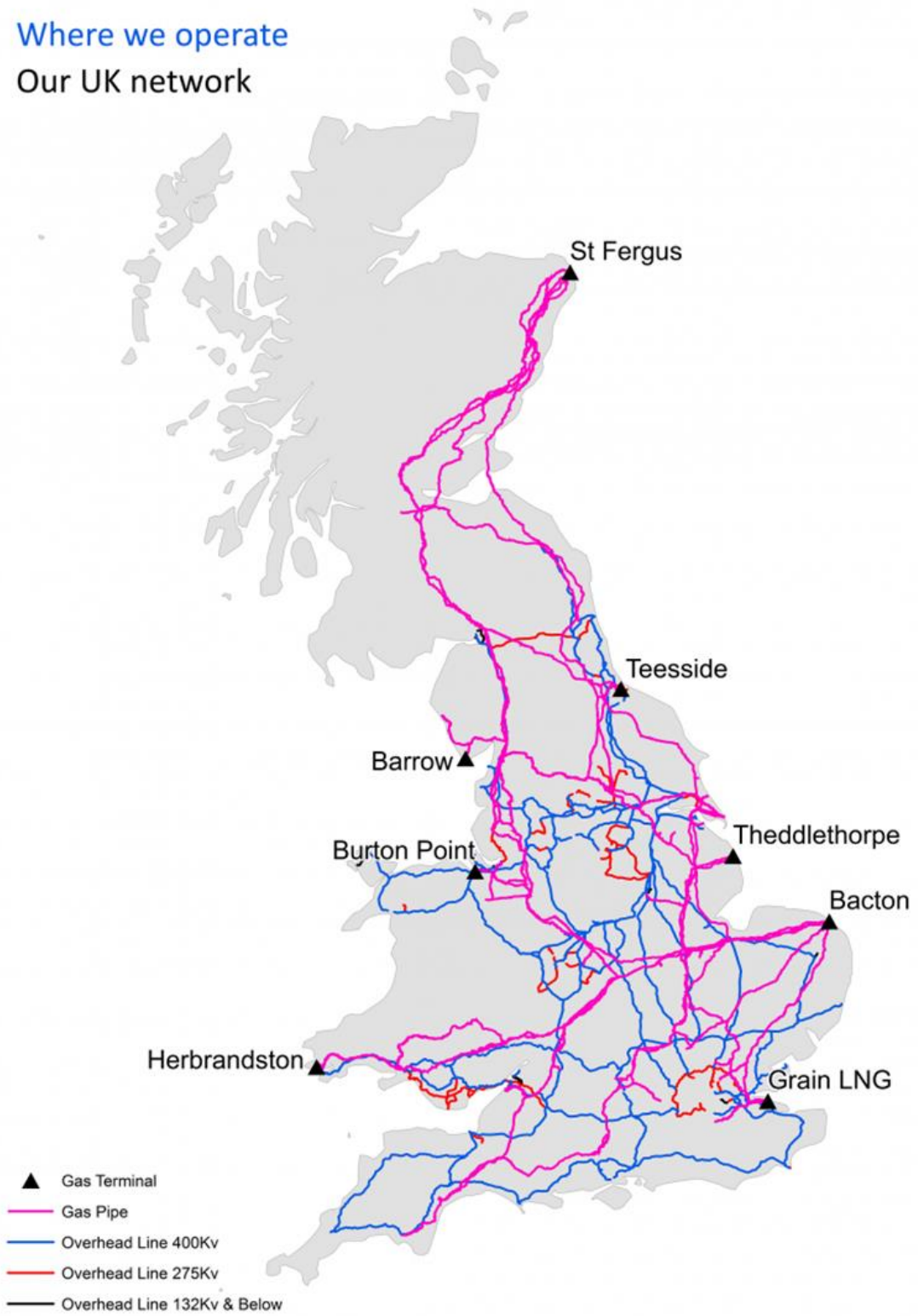
**Lucy Bartley**

**Consultant Town Planner**

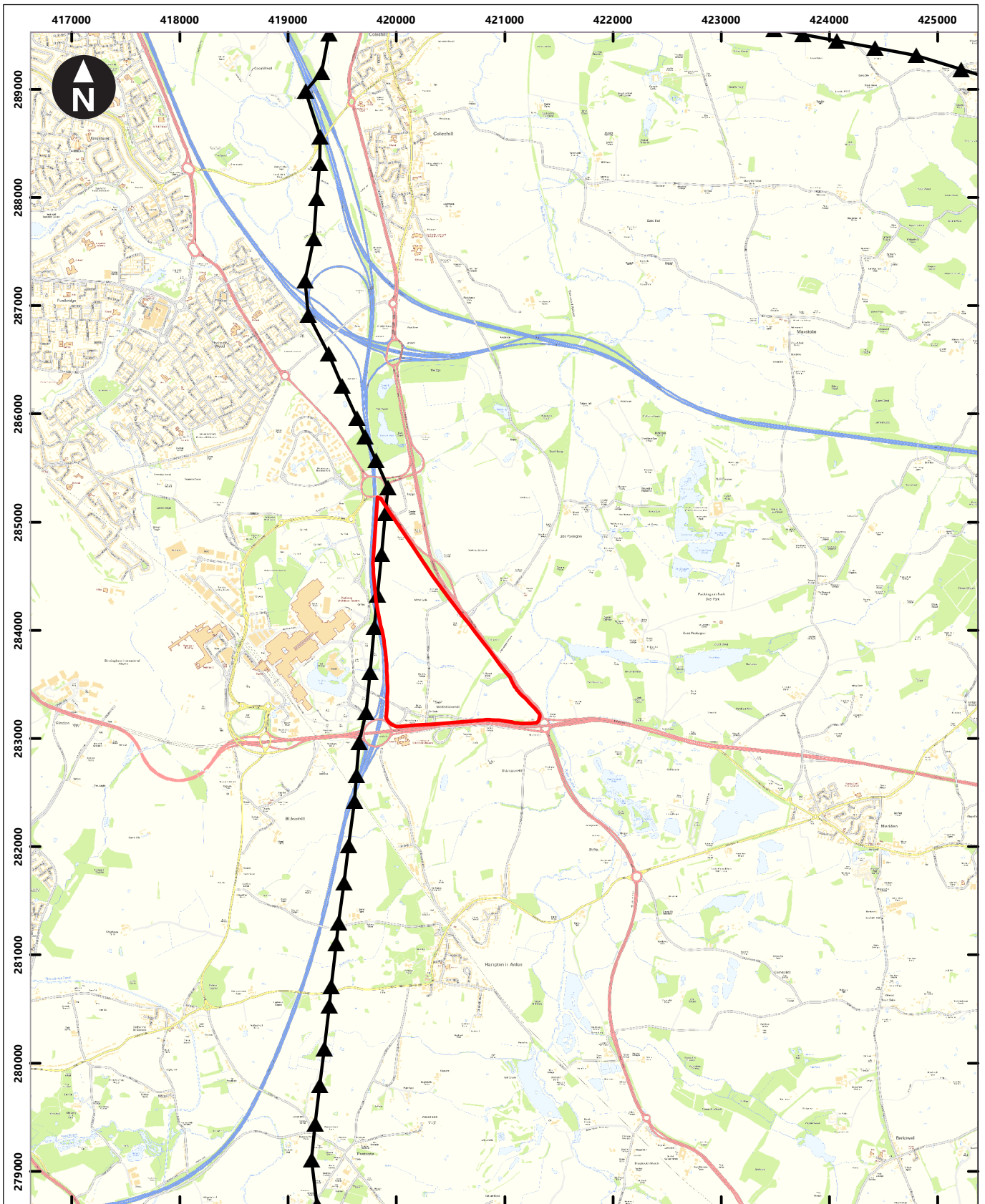
cc. Spencer Jefferies, National Grid

**APPENDIX 1: NATIONAL GRID'S UK NETWORK**




Where we operate  
Our UK network

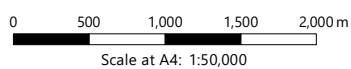


**APPENDIX 2: NATIONAL GRID TRANSMISSION ASSETS**



Key

-  Indicative site boundary
-  Tower
-  Overhead line



Development Plan Monitoring

**National Grid Reference:**  
**Site ET343**  
**Site Ref 19 UK Central Hub/HS2 Interchange**  
**Solihull Council**  
**Proposed Development Site**  
**Mixed Use**

April 2019

