

EA1N AFP-042 & EA2 AFP-042

I write on behalf of my mother, whose Power of Attorney I hold, and who aged 98 lives to submit further comments and objection by Deadline 5. Mrs Gimson's property is the **nearest to the proposed land landfall** of the East Anglia One and Two Wind Farm transmission cable and the cable route is proposed to pass across her property. Whilst we support the development of renewable energy, the design and execution of this plan has been poor, misguided and does not take due account of local residents and their environment. Reasons for opposing this development are:

- 1. Multiple uncoordinated projects. There will be multiple energy projects making landfall on the fragile east Suffolk coastline over the next few years in a totally uncoordinated manner. This will result in a blight on the local environment, landscape and community cohesion. We are strongly protesting against this development. Mrs Gimson has already received a request for a geotechnical survey from National Grid (https://www.nationalgrid.com/document/125601/download; letter enclosed and previously uploaded to the EA website). We ask the Planning Inspectorate to undertake a Cumulative Impact Assessment of all these projects before allowing piecemeal planning to blight this coastline and Area of Outstanding Natural Beauty
- 2. This coastline is continually eroding. During the 98 years of my mother's life, the sea at has come in approximately 50 yards. Cliff falls due to erosion have occurred to north and south of the proposed landfall. We do not accept that adequate consideration has been given to the possibility of further increased erosions as a consequence of this proposal. This concern has also been recorded by others including the Alde & Ore Association, SEAS, Save our Sandlings and SASES.
- 3. The impact on ground source water aquifers. The proposed trench, which might with multiple cables be present for up to ten years, is likely to have a serious adverse impact on the fresh water well which is the only water supply to the 5 properties at a fragile water supply, regularly monitored by East Suffolk Council under The Private Water Supplies (England) Regulations 2016 SI No. 618 and The Private Water Supplies (England) (Amendment) Regulations 2018- SI No.707) and was last tested on 6th October 2020 (Council reference 20/07667/PWATER). No mention has been made of the potential impact of this drilling and these trenchworks on this water supply, a measure of the cavalier and unfeeling attitude of the developer to local residents' basic needs.

The well, which is over 100 years old has produced a good safe water supply to all 5 properties on the site ever since. The water level is at 11.7 metres from ground level and 13.1 metres to the bottom of the well. The aquifer data in the locality can be easily obtained from the British Geological Survey website (https://magic.defra.gov.uk/MagicMap.aspx) see appendix. The local soil being sandy is rated Medium/High Groundwater Susceptibility from chemical leaching into water supplies below ground. This has not been addressed by SPR. There is a considerable concern that directional drilling 200 yards from the property will pass through the aquifer and then curve up to the sea bed potentially allowing saline water to backfill the drill route into the aquifer. Our water engineers Veritas Water have confirmed that anxiety.

No attempt has been made by the applicant to discuss this issue with Mrs Gimson or her representatives. Indeed prior SPR documents describe this 100 year old wellhead as an "unlicensed borehole".

Mitigation for soiling of the aquifer will need to take into account the need for continuous water supply, including hot water, not such as might be available by a water bowser or bottled water in the event of an interruption to water supplies as there are both children and a vulnerable 98 year adult living on the

- 4. The impact on wildlife. The impact on the local ecosystem over multiple years will be enormous. From personal observations of Mrs Gimson and her husband (who died e in 2018), there is a thriving ecosystem of foxes, bats, badgers, barn owls, nightingales, red deer, oystercatchers, little ringed plover, skylarks and shelduck who nest in the fields surrounding Ness House and over which the trench is planned. These habitats and their fragile biodiversity will be totally destroyed by this development.
- 5. The impact on Wardens Trust. On the same site of the same is a site of the same site of Wardens Hall, a large building run by Wardens Trust for vulnerable children and adults with severe mental and physical disabilities. The charity was founded in 1988 by Major & Mrs Gimson which hosts over 2500 disabled adults and children each year. The charity runs weekly Bath Days for disabled up to 16 local residents unable to access a bath in their own homes, Singing The Brain Music Days for lonely and isolated local elders Trust runs adventure camping weeks for disadvantaged children and those with disabilities. During the COVID-19 pandemic the Trust has been delivering over 500 meals to isolated and lonely local elders. All that will be severely impacted by this development. No acknowledgement of the work that the Trust does with these disabled members of our local community has been considered in this application. People come to this unique clifftop site because of its beauty, its tranquillity and its closeness to nature. Not because it is next door to a 60 metre trench and an industrial sized work site. Mrs Gimson, as a co-founder of the charity, would be distraught to hear that in the view of the Trustees this development would have a devastating impact on the viability of the charity and its ability to deliver these crucial services to local disabled children and adults.
- 6. <u>The impact on Tourism</u>. This development would have a lasting major impact on the attraction of the local area for tourists and holiday makers, with no net increase in local employment. The area attracts a huge number of holiday makers each year with a positive impact on the local economy. The development would massively impact the attractiveness of the area.
- 7. Lack of any strategic planning. The development lacks strategic planning. There are alternative solutions to multiple off-shore windfarms requiring access a national grid. A Modular Offshore Grid (MOG) has been used elsewhere in Belgium (https://www.elia.be/en/infrastructure-and-projects/infrastructure-projects/modular-offshore-grid). The MOG offers a range of benefits compared to a direct connection (also called a spaghetti concept or radial connection) to an onshore grid. In other countries the development of a MOG was predominantly due to its benefits to wider society and its reduction of the impacts of failure of a cable.

We find SPR's attitude to local residents who will clearly be very dramatically affected by their application to be uncaring, and totally disregarding of local feeling.



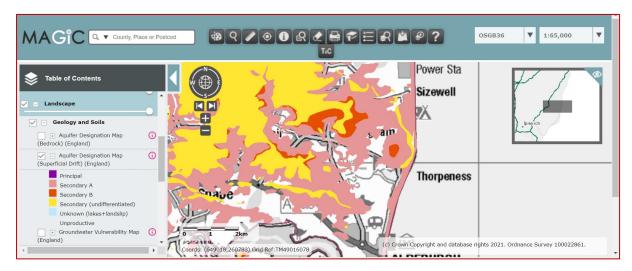
The following two maps, downloaded from the British Geological Survey data describes the acquifer and groundwater susceptibility

Directional drilling from the site proposed down through an aquifer where water level is 31 metres below ground level (measured at Ness House) is likely to breach this acquifer and potentially allow saline ingress when the drill channel curves back up to the sea bed

We do not propose to be hydrogeological survey specialists but the fact that we have had to obtain this information rather than any attempt by the applicant to do so, reflects their cavalier attitude to local resident's wellbeing and water safety.

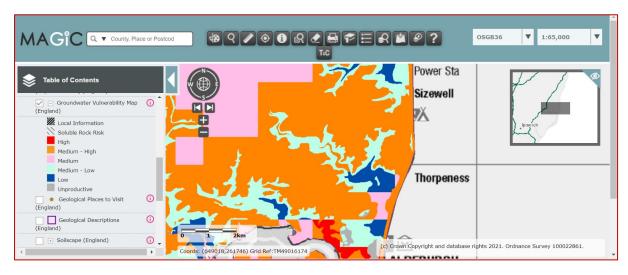
Aquifer Designation Maps

https://magic.defra.gov.uk/MagicMap.aspx



Joint BGS/Environment Agency dataset of aquifer designations for England and Wales at 1:50 000. The dataset identifies different types of aquifer - underground layers of water-bearing permeable rock or drift deposits from which groundwater can be extracted. These designations reflect the importance of aquifers in terms of groundwater as a resource (drinking water supply) but also their role in supporting surface water flows and wetland ecosystems. The maps are split into two different type of aquifer designation: superficial - permeable unconsolidated (loose) deposits (for example, sands and gravels), and bedrock - solid permeable formations e.g. sandstone, chalk and limestone.

https://magic.defra.gov.uk/MagicMap.aspx

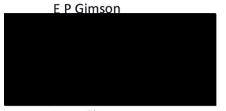


The Groundwater Vulnerability Maps show the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a single square kilometre. The 2017 publication has updated the groundwater vulnerability maps to reflect improvements in data mapping, modelling capability and understanding of the factors affecting vulnerability Two map products are available: • The combined groundwater vulnerability map. This product is designed for technical specialists due to the complex nature of the legend which displays groundwater vulnerability (High, Medium, Low), the type of aquifer (bedrock and/or superficial) and aquifer designation status (Principal, Secondary, Unproductive). These maps require that the user is able to understand the vulnerability assessment and interpret the individual components of the legend.

• The simplified groundwater vulnerability map. This was developed for non-specialists who need to know the overall risk to groundwater but do not have extensive hydrogeological knowledge or the time to interpret the underlying data. The map has five risk categories (High, Medium-High, Medium, Medium-Low and Low) based on the likelihood of a pollutant reaching the groundwater (i.e. the vulnerability), the types of aquifer present and the potential impact (i.e. the aquifer designation status). The two maps also identify areas where solution features that enable rapid movement of a pollutant may be present (identified as stippled areas) and areas where additional local information affecting vulnerability is held by the Environment Agency (identified as dashed areas). Attribution statement: © Environment Agency copyright and/or database right 2017. All rights reserved. Derived from 1:50k scale BGS Digital Data under Licence 2011/057 British Geological Survey. © NERC.



4th January 2021 Our Ref: NGVN/07



Dear Sirs,

National Grid Ventures East Suffolk Interconnector Projects – Request for Non-Intrusive Surveys Title number: SK360139

You may recall that we wrote to you on 28th October 2020 regarding the requirement for National Grid Ventures (NGV) to carry out non-intrusive surveys for the East Suffolk Interconnector projects. We trust that you received our correspondence but in case it was not delivered, we enclose a further set of documents.

This correspondence follows our letter dated the 21st July 2020 and the signed licence you returned to us on 18th August 2020. This latest licence and plan is an updated version which shows the area over which non-intrusive surveys may be required over the next two years.

As part of the NGV project assessment, it is necessary to undertake non-intrusive surveys in the area. These include ecological, environmental, and engineering surveys which are critical in identifying and understanding constraints that could influence the routeing and siting of any new infrastructure for these proposed projects.

We believe you may have an interest in land or property within the areas identified as potential site options for the proposed projects and would like your permission for non-intrusive surveys to be undertaken in the area outlined in blue in the enclosed plans. As previously mentioned, we are assessing a number of sites and a request to access your land for surveys does not mean that your land will definitely be affected by the proposed Interconnectors.

To date, we have not heard from you since our letter of 28th October. We ask you to consider the enclosed documents and if you have any queries about these proposals please contact us either by telephone on 07557 883638 or by email to nautilus@ihcsurv.com.

NGV wishes to agree access for these non-intrusive surveys on a voluntary basis and we encourage you to consider the enclosed documents.

Yours sincerely



Charlotte Cramp Land Agent

Enc. Letter dated 28th October 2020

Suite D&E/F, Mayden House Long Bennington Business Park Long Bennington, Newark Nottinghamshire NG23 5DJ Telephone: 01949 844133

E-mail: enquiries@ihcsurv.com



Date: 28th October 2020 Our Ref: NGVN/05



F P Gimson



Dear E P Gimson,

National Grid Ventures East Suffolk Interconnector Projects – Request for Non-Intrusive Surveys Title number: SK360139

You may recall that we wrote to you on 7th October 2020 regarding the requirement for National Grid Ventures (NGV) to carry out non-intrusive surveys for the East Suffolk Interconnector projects. We trust that you received our correspondence but in case it was not delivered, we enclose a further set of documents.

This correspondence follows our letter dated 21st July 2020 and the signed licence you returned to us on 18th August 2020. This latest licence and plan is an updated version which shows the area over which non-intrusive surveys which may be required over the next two years.

As part of the NGV project assessment, it is necessary to undertake non-intrusive surveys in the area. These include ecological, environmental and engineering surveys which are critical in identifying and understanding constraints that could influence the routeing and siting of any new infrastructure for these proposed projects.

We believe you may have an interest in land or property within the areas identified as potential site options for the proposed projects and would like your permission for non-intrusive surveys to be undertaken in the area outlined in blue in the enclosed plans. As previously mentioned, we are assessing a number of sites and a request to access your land for surveys does not mean that your land will definitely be affected by the proposed Interconnectors.

To date, we have not heard from you since our letter of 7th October. We ask you to consider the enclosed documents and if you have any queries about these further proposals please contact us either by telephone on 07557 883638 or by email to nautilus@ihcsurv.com.



Telephone: 01949 844133
E-mail: enquiries@ihcsurv.com



NGV wishes to agree access for these non-intrusive surveys on a voluntary basis and we would be pleased if you could take some time to consider the enclosed documents.

Yours sincerely

Charlotte Cramp Land Agent

Enc. Letter dated 7th October 2020

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Licence

between

National Grid Ventures

and

E P Gimson



relating to

Land affected by non-intrusive surveys

2020

Between

- 1) E P Gimson ("the Licensor") and
- 2) National Grid Ventures Limited (Company Registration Number 8116497) whose registered office is at 1-3 Strand London WC2N 5EH ("the Licensee")
 - 1.1 "The Property" means the land identified on the attached licence plans.
 - 1.2 The Licensor grants the Licensee a licence to access and use at all times the Property, on the terms set out in this licence:
 - 1.3 The term of this licence shall be from the date of this license and shall expire 24 months from the date of this licence:
 - 1.4 The Licensee will only use the Property for all purposes associated with undertaking non-intrusive surveys in connection with the Nautilus and Eurolink Projects ("the Works") and for no other purpose;
 - 1.5 The licensee will promptly notify the Landowner of the discovery of any treasure trove or historical artefact on the Property
 - 1.6 The fee payable for this Licence shall be as set out in Schedule 1 of this agreement
 - 1.7 The Licensee shall not do any act or thing on or about or near the Property which may be or become a nuisance to or cause damage to the adjoining property of the Licensor Provided That the use of the Property for the execution of the Surveys shall not constitute a breach of this clause:
 - 1.8 The Licensor may terminate this licence immediately on written notice from the Licensor to the Licensee following any breach of the Licensee's obligations under this agreement which is not remedied within a reasonable period of time of written notification of such breach to the Licensee:
 - 1.9 This licence is not intended by any of the parties to it to confer upon the Licensee any right or interest in the nature of a tenancy or exclusive possession or occupation of the Property and gives no proprietary interest in the Property to the Licensee;
 - 1.10 This licence is personal to the Licensee who may not transfer or assign the benefit of this licence and may not sub-licence the Property or any part of it nor allow any other person or company to use the Property save for the Licensee's contractors;
 - 1.11 The Licensee will keep the Licensor indemnified against all actions which may be brought and all claims and demands which may be made against the Licensor by reason of any negligence on the part of the Licensee or any breach by the Licensee of the Licensee's obligations in this license;
 - 1.12 The indemnity in clause 1.12 conditional upon the Licensor:
 - 1.12.1 giving the Licensee written notice of any such actions claims or demands as soon as possible after the Licensor becomes aware of any such actions claims or demands;
 - 1.12.2 the Licensor not admitting liability to any third party or making any offer to settle any such actions claims or demands without the Licensee's consent (which is not to be unreasonably withheld or delayed);
 - 1.12.3 the Licensor taking all reasonable steps to mitigate any losses or liabilities caused by any such actions claims or demands;
 - 1.13 The Licensee shall comply with all statutes in relation to any activity carried out by the Licensee at the Property during the period of this licence;
 - **1.14** Access onto the Property is to be via routes designated by the Licensor acting reasonably from time to time;

- 1.15 The Licensee will ensure that the Works do not interfere with, damage or affect any service pipes, cables or other conduits or any other equipment or apparatus (whether for telecommunications or otherwise) installed in, on or under the Property (together called "Conduits");
- 1.16 The Licensee will maintain public liability insurance up to £5,000,000 for each and every claim to cover any liabilities arising out of its access onto and use of the Property and the carrying out and existence of the Works;
- 1.17 The Licensee will make good at its own cost and to the Licensor's reasonable satisfaction all damage caused to the Property as a result of its access to the Property.

Signed on behalf of the Licensor
Date:
Signed on behalf of the Licensee
National Grid Ventures Limited
Date:

Schedule 1

Payment and fees - Non - Intrusive Surveys

Payment is made in line with National Grid's Land Rights Strategy

Survey	Survey rate	Payment
Non-Intrusive Surveys	One off payment	£250 / year

Any damage in excess of the above figures would be agreed on an individual basis on production of evidence and proof of loss

