

Norwich to Tilbury – Proposed Pylon Route
(Application EN020027)

Questions for ISH2 - [REDACTED]

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Questions that will (hopefully) be addressed at ISH2 under the Health and Well-Being Section of the Hearing on 28th April 2026

This written representation is to cover only that roughly 2km section of the current proposed NG route through the Waveney Valley.

Questions for hearing ISH2 (which, unfortunately I am unable to attend either in person or virtually as I shall be travelling) which should be asked of National Grid (the applicant).

1. There are potential physical hazards to the people of Roydon which under the proposed route will be surrounded on 3 sides by 400KV, 50meter high pylons. The EMF's produced by these pylons create "corona ions" which even the government admit could be hazardous to humans. These ions ("sticky particles" for want of a better description) can be absorbed by humans through inhalation and/or skin contact. These particles can be carried by winds up to 2 km away. These particles can cause cancer. Roydon is surrounded on south, west and north sides by the proposed pylons. The prevailing winds are from the south west and will carry these particles over the whole of Roydon. The question is, "have National Grid(NG) conducted any experiments on the affect of this concentration of particles on the health of Humans? If not, why not? If they have then has it been along surrounding population on three sides? What are the results of any investigations?"
2. Have NG conducted any experiments as to the affect on humans of EMF's directly onto humans surrounded on three sides by 400KV 50M high pylons. They quote safe distances for single line of pylons but what is the affect of boxing people in? If experiments have been conducted then what are the results? If they have not then why not? What is the practical (not theoretical) effect of having these closely knit cables in this configuration? Is there an adding or cancelling effect? Does this "out of phase" signal have a resonant effect that makes the effects more than triple? If not, then what is the evidence?
3. What are the mental health impacts on the citizens of Roydon? Has any survey been taken to determine the anxiety caused by potentially living near these pylons? If not, why not? What are the mental health concerns of denying the people of Roydon ALL their view points over the Waveney Valley as designated by the Parish Council?
4. The above questions would not need to be asked if either the Waveney Valley Alternative were to be implemented or if NG had kept to their original "Blue Corridor". WVA was withdrawn by NG apparently due to cost (but we have been given no exact details of costings for WVA as opposed to Pylons for this stretch); due to "technical difficulties" (but we do not know exactly what these difficulties are and how they have been overcome elsewhere – such as Deben Vale); environmental concerns (but again we do not know what these are and how they are more environmentally damaging than putting up pylons. We have been given no explicit reason(s) why the "Blue Corridor" was not followed and why (whatever these reasons are) they were more important than surrounding Roydon on 3 sides.