

30 May 2025

THE INFRASTRUCTURE PLANNING (EXAMINATIONS PROCEDURE) RULES 2010

NORTH FALLS OFFSHORE WIND FARM PROJECT

**RESPONSE TO THE EXAMINING AUTHORITY'S SECOND WRITTEN QUESTIONS
[PD-013]**

OUR REF: 20051031



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1 **RESPONSE TO THE EXAMINING AUTHORITY'S SECOND WRITTEN QUESTIONS [PD-013]**

1.1 NGET's response to ExA's Q2 is as follows:

ExQ2	Question To:	Question:	Response:
Q14.0.3	The applicant and National Grid Electricity Transmission Plc (NGET)	<p>Cumulative effects for the proposed onshore substations for North Falls OWF, VEOWF and the East Anglia Connection Node</p> <p>Please advise on the likely height of any pylons supporting overhead wires transmitting electricity to and from the proposed East Anglia Connection Node substation, based on best available information. Please can the applicant also advise how the height of those pylons is likely to compare with existing NGET and UK Power Networks pylons in the area.</p>	<p>National Grid is still developing the design of the 400kV connections to the EACN and can confirm there is no existing 400kV infrastructure in the vicinity. From the southern edge of the Dedham Vale National Landscape, the section of the Norwich to Tilbury project connecting from Bramford to the EACN is proposed to be comprised of underground cable entering the western side.</p> <p>In relation to the section of the Norwich to Tilbury project that provides the connection between EACN substation and Tilbury, the statutory consultation (April to July 2024) was completed on the basis of the design being taken forward as overhead line using steel lattice pylons between the western side of the EACN and a section of underground cable at Great Horkeley where it was considered to be within the setting of the Dedham Vale National Landscape. This may change following consideration of feedback.</p> <p>An overhead line supported on steel lattice pylons would be similar to the statutory consultation design. In this design the connection starts at the EACN with the overhead line connected to gantries which would be up to 15m in height from which the conductors rise up to then be carried on pylons. The first six or seven pylons are expected to be in the order of 50m height with individual heights responding to factors including span length between</p>

ExQ2	Question To:	Question:	Response:
			<p>pylons, terrain etc. Taller pylons, in the order of 60m height, would be expected to be required to achieve necessary clearances of the railway.</p> <p>The existing lattice pylon infrastructure in the vicinity of the proposed EACN substation relates to the Distribution network and is operated by UK Power Networks (UKPN). These lower voltage connections radiate from the Lawford substation and are typically much lower. Individual pylons vary in height depending on voltage and design along with factors such as span length.</p>

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For and on behalf of National Grid Electricity Transmission Plc

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