

East Anglia ONE North Offshore Windfarm Development Consent Order and

East Anglia TWO Offshore Windfarm Development Consent Order

National Grid Electricity System Operator (NGESO) response to ExA's First Written Questions of the 12th October 2020

2nd November 2020

Within the National Grid group there are a number of different legally separate businesses, each playing an important role in the UK energy industry. NGESO is the Electricity System Operator for Great Britain.

NGESO's role is to balance the system making sure supply meets demand and moving high voltage electricity from where it is generated, such as a wind farm, through the energy system. It operates the system but is not responsible for the infrastructure (e.g. the pylons and cables) needed to carry the electricity. Using the infrastructure owned by transmission companies (including NGET) the high voltage electricity is passed onto one of the fourteen Distribution Network Operators (DNOs) across the country. The DNOs own the local networks; they convert the electricity into a more manageable voltage suitable for domestic use and feed low voltage electricity through to homes and businesses. NGESO and NGET are legally separate companies operating within the National Grid group as separate businesses. Since separation in 2019, interactions between the two businesses are formalised and NGESO is not in a position to respond to the Examining Authority on matters which are the responsibility of NGET.

Question No.	Question	Response/Action
1.0.17	<p>Site selection: Friston grid connection point</p> <p>In OFHs 1 – 2 (7 – 9 October 2020), a common emerging theme from oral submissions was that the Friston connection point location had perhaps been selected at least in part because it offered potential expandability.</p> <p>a) Do you understand this to be the case?</p> <p>It was suggested that a number of further grid connection offers have either been formally made or informally proposed by National Grid that could have the effect of bringing further transmission connections to this location.</p> <p>b) Please catalogue any additional connection offers that have been made on a formal or informal basis of which you are aware and submit the best available summary descriptions of the name, purpose, developer and effects of any additional connection proposals that might use this location.</p> <p>To the extent that responses to this question by the Applicant rely on any advice to the Applicant from National Grid, the Applicant is asked to document that advice. National Grid may comment at Deadline 2.</p>	<p>b) NGESO cannot comment on any unsigned connection agreements or any informal connection queries as this is commercially sensitive between the ESO and other parties. NGESO publishes a register of all contracted connection offers on its website. This is updated weekly (see www.nationalgrideso.com/connections/register-reports-and-guidance).</p>

Question No.	Question	Response/Action
1.6.1	<p>NSIP Definition of the Authorised Development Schedule 1 paragraphs 1 and 2 of the dDCO [APP-023] describes the authorised development as two NSIPs:</p> <ul style="list-style-type: none"> • A nationally significant infrastructure project as defined in sections 14 and 15 of the 2008 Act (the wind turbine generator array) with associated development to make all of the offshore and onshore grid connection works; and • A nationally significant infrastructure project as defined in sections 14 and 16 (electric lines) (for the connection point and National Grid substation works). Work No. 41 is the National Grid substation itself. <p>a) Is there an anticipated point in the period to 2030 at which the proposed development that is the subject of the East Anglia ONE North and the East Anglia TWO applications could in aggregate cease to be the predominant users of Work No. 41?</p> <p>b) If additional grid connections were to be made at this location, what are the implications for Work No. 41 and any directly related works:</p> <ul style="list-style-type: none"> i. Will additional land be required; ii. Will additional development (physical infrastructure be required); and iii. If the responses to (i) and (ii) above are affirmative, can any clear projection be made as to the timing, extent and impact of these additional proposals? 	<p>b) (iii) NGENSO cannot comment on any unsigned connection agreements or any informal connection queries as this is commercially sensitive between the ESO and other parties. NGENSO publishes registers of all contracted connection offers on its website. This is updated weekly (see www.nationalgrideso.com/connections/registers-reports-and-guidance).</p>

