

Public

Ref: FOI/25/003

National Energy System Operator

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24 April 2025

Dear requester

Request for Information

Thank you for your request for information which we received on 3 April.

We have considered your request under the Freedom of Information Act 2000 (FOIA) and Environmental Information Regulations (EIR).

Request

You asked us:

I understand that the demand for connections into the Norton Substation has triggered the need for a new one to be built. High demand for new connections means that the new one will be full straight away and that this has triggered the need for a further substation (Teeside C)

A solar farm is proposed near Bedale and I would be grateful if you could tell me whether it is likely that this will be connected into the new Norton substation or into Teeside C and the likely connection date assuming that all planning consents have been obtained. The location coordinates for the site in question (currently known as Lords Moor Farm) are X 426148 and Y 485655

The connection that has been secured for this site is a flexible one. Please could you explain to me what that means. Is it that the developer will be paid not to produce power on days when the grid can't take extra electricity? If that is the case, could you let me know what these payments are called and how they are calculated and therefore what the estimated annual payments are likely to be for this particular site

You kindly provided some further information and clarification on 22 April, including an extract from an Embedded Capacity Register.

Our response

NESO manages the contracts for connections to the National Electricity Transmission System (NETS). You can find further information about NESO's role on our website: [What we do | National Energy System Operator](#) and also [How does electricity move around? | National Energy System Operator](#). Our connections registers are published on our data portal; [Welcome to the NESO Data Portal | National Energy System Operator](#).

The 'Embedded Connection Registers' (ECR) that you referred to, are produced and maintained by the Distribution Network Operators (DNOs) and not NESO. NESO does not, therefore, hold the information that you have requested.

There are several ECRs available online, and we have managed to locate this record on the ECR published by Northern Power Grid: [Embedded Capacity Register 1MW and Over – Open Data | Northern Powergrid](#). Northern Power Grid should hold the information that you have requested and we advise that you contact them with your enquiry.

This concludes our response to your request.

Next steps

You can ask us to review our response. If you want us to carry out a review, please let us know within 40 working days and quote the reference number at the top of this letter.

If you are still dissatisfied after our internal review, you can complain to the Information Commissioner's Office (ICO). You should make complaints to the ICO within six weeks of receiving the outcome of an internal review. The easiest way to lodge a complaint is through their website: www.ico.org.uk/foicomplaints. Alternatively, they can be contacted at: Wycliffe House, Water Lane, Wilmslow, SK9 5AF.

Thank you for your interest in the work of the National Energy System Operator (NESO).

Regards,

The Information Rights Team

National Energy System Operator (NESO)