

Public

Ref: FOI/25/165

National Energy System Operator
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5 December 2025

Dear requester

Request for Information

Thank you for your request for information which we received on 6 November 2025. Your request has been considered under the Environmental Information Regulations 2004 (EIR).

Request

You asked us:

DESNZ has shared modelling assumptions with you about hydrogen in the context of the SSEP. Please share the information you hold about the national-level demand assumptions for hydrogen in industry, transport and potentially heat.

Our response

We confirm that we hold information in scope of your request.

We recently responded to a request for information in which we were asked:

The Hydrogen Infrastructure Strategic Planning Policy Statement states 'DESNZ has shared modelling assumptions with NESO covering the full hydrogen value chain. These include costs, technical parameters and limitations for different technologies related to hydrogen production, transport and storage, as well as national-level demand assumptions for industry, transport and potentially heat'.

We refused this request, engaging the exception at Regulation 12(5)(e) of the Environmental Information Regulations 2004 (EIR). The full text of our response is available here: [FOI/25/162 \(2 December 2025\)](#) and on What Do They Know: [Modelling of the full hydrogen value chain – a Freedom of Information request to National Energy System Operator – WhatDoTheyKnow](#).

We consider all information requests on an individual basis and recognise that your request is for a subset of the information requested in information request referred to above. We have however determined that Regulation 12(5)(e) remains engaged and the explanation provided in the linked response applies equally to your request.

This concludes our response to your request.

Advice and assistance

When a request is received about environmental information that is wholly or jointly owned by third parties, the Information Commissioner recommends, as a matter of good practice, that public authorities consult the third party that provided the information before responding to the request. The modelling assumptions were provided to NESO in confidence for very limited purposes. We therefore consulted DESNZ in line with the EIR Regulation 16 Code of Practice. The decision to disclose or withhold information in scope of a request remains with the public authority to whom the request has been submitted, and we have upheld our duties under the EIR in responding to this request. You will note that our decision to withhold the requested information is directly related to the adverse effect of disclosure on DESNZ's commercial interests.

You may be interested in the response issued by DESNZ to an information request they received for information on the modelling assumptions covering the full hydrogen value chain. [DESNZ modelling assumptions of the full hydrogen value chain - a Freedom of Information request to Department for Energy Security and Net Zero - WhatDoTheyKnow](#)

We advise that DESNZ, as the owners of the information, are best placed to respond to requests for the information you have asked for in this request: foi.requests@energysecurity.gov.uk

Next steps

If you are dissatisfied with our handling of your request, 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. You can find our procedure here: [Freedom of Information and Environmental Information Regulations | National Energy System Operator](#). The ICO's website also provides guidance on the internal review process: [What to do if you are dissatisfied with the response | ICO](#).

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)