

Public

Ref: FOI/25/035

National Energy System Operator

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19 June 2025

Dear requester

Request for Information

Thank you for your request for information which we received on 21 May 2025. Your request has been considered under the Environmental Information Regulations 2004 (EIR).

Request

You asked us:

Please share your most recent shareable expectations (of if that is not possible, targets) for the proportion timewise of electricity generation dependent on gas in each year [you may decide the year beginning/end, but ideally January 1 - December 31], for:

- 2026
- 2028
- 2030

Our response

The Clean Power 2030 report (CP30 Report) is NESO's advice to Government on how Britain can achieve clean power by 2030, provided to Government on 5 November 2024. NESO developed a range of pathways, providing analysis of the location and type of new investment and infrastructure needed to deliver clean power by 2030.

The CP30 Report is available online: [Clean Power 2030 | National Energy System Operator](#). Figure 21 (page 79 of the CP30 report) provides information on the 'percentage of annual operating hours where gas-fired generation is used' in 2023 and an estimate of the same for 2030. There are three columns for 2030, representing the estimated 'percentage of annual operating hours

where gas-fired generation is used [alongside other generation sources]' by clean power pathway and counterfactual. For further information on clean power pathways see page 15 and Chapter 3 of the CP30 Report.

NESO does not hold information on an estimated 'percentage of annual operating hours where gas-fired generation is used' for 2026 or 2028. This was not calculated for the CP30 Report for those years.

This concludes our response to your request.

Advice and assistance

NESO's Future Energy Scenarios is an annual report presenting research and analysis of the energy landscape. FES 24 outlines three different pathways for the future of the whole energy system to 2050: Holistic Transition, Electric Engagement, and Hydrogen Evolution (and a counterfactual). Each pathway considers how much energy we might need and where it could come from, to build a picture of the ways in which Great Britain could reach Net Zero by 2050.

All FES 24 documents are available here: [FES Documents | National Energy System Operator](#). Information on projected electricity generation by gas by TWh is provided in the accompanying documents and may be of interest. Tab BD:ES1 of the [FES 24 data workbook](#) provides electricity supply values. You may wish to filter by 'Pathway' (Five Year Forecast), + 'Variable' (Generation) + 'Type' (Gas) to view the projected electricity generation by gas (TWh) for years 2023 – 2029.

For information Future Energy Scenarios 2025 (FES 25), including supporting documents, is scheduled to be published by NESO on 14 July 2025: [Future Energy Scenarios \(FES\) | National Energy System Operator](#). FES 2025 will include a Ten-Year Forecast looking out to 2035. You may be interested in the published [Summary of stakeholder engagement](#), particularly page 34.

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)