
Parliamentary Material

1.1 Debate

Westminster Hall debate: [Offshore Wind: Public Ownership](#)

HC Deb 12 September 2023 | Vol 737 c769WH-

1.2 PQs

[Energy: Ports](#)

Asked by: Baroness Randerson

To ask His Majesty's Government what assessment they have made of the current shore power capacity at ports in the UK; and what will be the percentage expansion of capacity required by 2050 to achieve their net zero targets.

Answering member: Baroness Vere of Norbiton | Department: Department for Transport

The Government continues to work with the sector on opportunities to deploy additional shore power and other infrastructure. The Government is considering shore power within the wider context of net zero ports and will launch a call for evidence in due course. This will gather further information on future electricity grid capacity needs to support additional infrastructure, including shore power.

On 11 September, the government announced £29.5m of R&D funding for shore power projects at the Port of Aberdeen, Atlantic and Peninsula's Falmouth Port and Portsmouth International Port under the Zero Emission Vessels and Infrastructure competition. These projects will help to reduce emissions at these locations in the short term and will also provide valuable evidence over the multi-year demonstration period to inform future policy and regulation.

HL Deb 27 September 2023 | PQ HL10269

[Wind Power: Seas and Oceans](#)

Asked by: Vickers, Matt

To ask the Secretary of State for Energy Security and Net Zero, what steps her Department is taking to encourage developers to purchase off-shore wind contracts.

Answering member: Graham Stuart | Department: Department for Energy Security and Net Zero

The UK is home to the four largest operational offshore wind farms thanks to its successful Contracts for Difference (CfD) scheme. Following the publication of the last CfD allocation round outcome on 8 September, the Government held a roundtable with the offshore wind sector on 12 September to discuss the results. Officials are analysing the results as they build the evidence base for the next round, which will open in March 2024. The timeline for the round has been published on the CfD microsite. Core parameters will be published in mid-November. These will be informed by updated evidence and benchmarked against industry intelligence. The Government will publish its methodology note at the same time.

HC Deb 20 September 2023 | PQ 199233

[Wind Power: Seas and Oceans](#)

Asked by: Redwood, John

To ask the Secretary of State for Energy Security and Net Zero, whether she has an estimate of how much CO₂ was produced in the (a) manufacture and (b) installation of one gigawatt of offshore wind power within the UK in the last 12 months.

Answering member: Graham Stuart | Department: Department for Energy Security and Net Zero

The Department does not publish information related to this request directly, however, the IPCC and UNECE have published estimates related to this request here:

https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc_wg3_ar5_annex-iii.pdf#page=7

<https://unece.org/sed/documents/2021/10/reports/life-cycle-assessment-electricity-generation-options>

Both estimates demonstrate that the lifecycle CO₂ impact of generating electricity from offshore wind is significantly lower than fossil fuels.

HC Deb 19 September 2023 | PQ 198578

Exchange of Commons questions: [Contracts for Difference Scheme](#)

HC Deb 19 September 2023 | Vol 737 c1213-

[Electricity Generation](#)

Asked by: Offord, Dr Matthew

To ask the Secretary of State for Energy Security and Net Zero, what assessment her Department has made of the effectiveness of the Contracts for Difference scheme in supporting low-carbon electricity generation.

Answering member: Graham Stuart | Department: Department for Energy Security and Net Zero

The Contracts for Difference (CfD) scheme is the Government's main mechanism for supporting new low-carbon electricity generation projects in Great Britain. It has awarded contracts to renewable projects totalling over 30 Giga Watts (GW) of capacity, including around 20GW of offshore wind. On 8 September the Government published Allocation Round 5 results, which awarded contracts to a record 95 projects with total generation capacity of 3.7GW. The scheme now runs annual auctions and the evidence base is reviewed every round. The Government has published the timeline for the next round, which opens in March 2024.

HC Deb 15 September 2023 | PQ 198086

Commons urgent question: [Offshore Wind Contracts](#)

HC Deb 12 September 2023 | Vol 737 c769-

Lords private notice question: [Offshore Wind](#)

HL Deb 11 September 2023 | Vol 832 c679-

- [Renewable Energy](#)

Asked by: Lord Taylor of Warwick

To ask His Majesty's Government what steps they are taking to explore strategies to diversify energy sources in renewable energy technologies.

Answering member: Lord Callanan | Department: Department for Energy Security and Net Zero

The Government supports new renewable electricity deployment through the Contracts for Difference scheme, which has awarded contracts across a range of technologies and helped to diversify renewable energy sources. For example, floating offshore wind and tidal flow schemes were successful in the 2022 allocation round. Companies wishing to develop novel technologies can also apply to the Energy Entrepreneurs Fund for innovation and development grant funding.

HC Deb 31 July 2023 | PQ HL9642

[Ports: Energy Supply](#)

Asked by: Morgan, Stephen

To ask the Secretary of State for Transport, what assessment his Department has made of the implications for its policies of the evidence provided by Portsmouth International Port on shore power decarbonisation.

Answering member: Mr Richard Holden | Department: Department for Transport

By publishing a call for evidence in early 2022, we fulfilled our Transport Decarbonisation Plan commitment to consult on appropriate steps to support and, if needed, mandate the uptake of shore power in the UK. The call for evidence collated views on the costs and benefits of shore power and potential options to enable the rollout of this technology. We published a summary of responses in July 2022. We are using the evidence provided by the 34 respondents, including the Port of Portsmouth to inform our future plans and policies.

HC Deb 17 March 2023 | PQ 162280

[Ports: Energy](#)

Asked by: Lord Berkeley

To ask His Majesty's Government what plans they have to publish a national plan to ensure that ports are adequately connected to energy networks, enabling them to develop the infrastructure needed to supply vessels powered by low and net zero emission propulsion fuel and technology.

Answering member: Lord Callanan | Department: Department for Business, Energy and Industrial Strategy

In August 2022, the Government and Ofgem jointly published the Electricity Networks Strategic Framework. This sets out a shared vision for the transformation of the electricity network, that will ensure it can act as an

enabler for a clean, secure, low-cost energy system and meet the electrification needs of wider sectors such as heat and transport. Electricity network regulation, including ensuring sufficient investment to deliver the capacity needed to meet demand, is a matter for Ofgem.

BEIS and DfT engage with each other regularly to understand the future demand on electricity network capacity and infrastructure not only from supplying vessels powered by low and zero emissions fuels, but also from installing shore power technology for use when a vessel is at berth.

HL Deb 08 November 2022 | PQ HL2795