

# Answers to my Written Parliamentary Questions – offshore wind power

Department for Energy Security and Net Zero provided the following answer to your written parliamentary question (198578):

**Question:**

To ask the Secretary of State for Energy Security and Net Zero, whether she has an estimate of how much CO<sub>2</sub> was produced in the (a) manufacture and (b) installation of one gigawatt of offshore wind power within the UK in the last 12 months. (198578)

Tabled on: 11 September 2023

**Answer:**

**Graham Stuart:**

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://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 CO<sub>2</sub> impact of generating electricity from offshore wind is significantly lower than fossil fuels.

The answer was submitted on 19 Sep 2023 at 11:30.