

Feekins-Bate, Laura

From: Dajana Ruge [REDACTED]@bsh.de>
Sent: 21 June 2024 13:04
To: Five Estuaries OSWF
Cc: [REDACTED]
Subject: AW: Five Estuaries Offshore Windfarm - Transboundary Notification EN010115
Attachments: 20240617_notification-five-estuaries NABU pdf.pdf; WG: Five Estuaries Offshore Wind Farm- EN010115 (29.3 KB); AW: Grenzüberschreitende BöB gem. UVPG Bekanntmachung des BSH gem. Espoo... (35.4 KB)
Signed By: [REDACTED]@bsh.de
Follow Up Flag: Follow up
Flag Status: Flagged

Dear Stephanie,
Dear Laura,

Germany wishes to participate in the EIA procedure.

Please find attached the following statements regarding the planned offshore wind farm "Five Estuaries" in UK's exclusive economic zone of the North Sea.

attachment:

- NABU vom 17. Juni 2024
- Ministerium für Energiewende, Klimaschutz, Umwelt und Natur des Landes Schleswig-Holstein vom 19. Juni 2024
- Bundeswehr vom 21. Juni 2024

Kind regards,

Dajana



Dajana Ruge (03104)
„Windparkverfahren“
Tel: [REDACTED]
Bernhard-Nocht Str. 78 | 22587 Hamburg
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[Impressum](#), [Datenschutz](#)

Von: Five Estuaries OSWF <FiveEstuaries@planninginspectorate.gov.uk
<mailto:FiveEstuaries@planninginspectorate.gov.uk> >
Gesendet: Dienstag, 14. Mai 2024 16:53
An: G I 2 <GI2@bmu.bund.de <mailto:GI2@bmu.bund.de> >
Cc: Five Estuaries OSWF <FiveEstuaries@planninginspectorate.gov.uk
<mailto:FiveEstuaries@planninginspectorate.gov.uk> >

Betreff: Five Estuaries Offshore Windfarm - Transboundary Notification

Dear Ms Lang and Ms Peneva-Gadeke

Please find attached a transboundary notification letter following acceptance of the Five Estuaries Offshore Windfarm application for Examination. Please note the deadline of 25 June 2024 for a response.

Should you wish to participate in the Examination, you can register as an Interested Party until 23:59 on Friday 21 June 2024. Further details are provided in the letter attached.

Please do not hesitate to contact the project mailbox if you have any queries.

Kind regards

Laura

Laura Feekins-Bate

Senior EIA Advisor

The Planning Inspectorate

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NABU Mecklenburg-Vorpommern · Wismarsche Str. 146 · 19053 Schwerin

The Planning Inspectorate Yr Arolygiaeth Gynllunio
by e-mail to fiveestuaries@planninginspectorate.gov.uk

Bundesamt für Seeschifffahrt und Hydrographie
by e-mail to [REDACTED]@bsh.de and [REDACTED]@bsh.de

Landesgeschäftsstelle

Antje Seebens-Hoyer

Tel. [REDACTED]

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[REDACTED]@NABU-MV.de

Five Estuaries Offshore Wind Farm - EN010115

Planning Act 2008 and The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 - Regulation 32

Application by Five Estuaries Offshore Wind Farm Ltd (the Applicant) for an Order Granting Development Consent for the Five Estuaries Offshore Wind Farm (the Proposed Development)

Notification under the EIA Regulations that the Proposed Development is likely to have significant effects on the environment in an EEA State

17. June 2024

Dear Sir or Madam,

the NABU e.V. is the largest environmental NGO in Germany with more than 940,000 members and supporters. The NABU, represented by the NABU Mecklenburg-Vorpommern, comments on Five Estuaries Offshore Wind Farm as announced above. This is on behalf of the NABU Mecklenburg-Vorpommern and the NABU Germany. It may be completed by additional comments.

It is well known that migrating bats regularly cross the North Sea between Great Britain and the Netherlands, Belgium and France, where they are detected in very high numbers area-wide including the surroundings of the project area (Brabant 2019, 2021, Lagerveld 2021, 2023). Main species using this very high concentration migration corridor are *Pipistrellus nathusii*, *Pipistrellus pipistrellus*, *Nyctalus noctula*, *Nyctalus leisleri* and *Vespertilio murinus* (Brabant et al. 2015, Lagerveld et al. 2014 e.g.).

In addition to acoustic survey, several recordings of individual *Pipistrellus nathusii* crossing the North Sea between Great Britain and the Netherlands have been made using coded VHF-tags and the Motus network:



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Der NABU ist ein staatlich anerkannter Naturschutzverband (nach § 63 BNatSchG) und Partner von Birdlife International. Spenden und Beiträge sind steuerlich absetzbar. Erbschaften und Vermächnisse an den NABU sind steuerbefreit. Vereinsregister VR 13 AG Rostock



Due to the very high collision risk of bats at offshore wind turbines (Ahlén et al. 2009, Brabant et al. 2019, Gaultier et al. 2020, Hüppop et al. 2019, Lagerveld et al. 2021, Rydell et al. 2014, Seebens-Hoyer et al. 2022, 2024 in prep. e.g.), very high concentration areas like the project area should be free of offshore wind turbines. Minimally, strict mitigation measures covering the whole migration periods are absolutely necessary in the project area.

Even if wind turbines often operate at low speed they still are a collision risk for bats. Also, a low flight altitude during offshore migration does not fully protect against collision, as “It is when bats stop over and forage for insects that are accumulated around the wind turbines that accidents become more likely.” (Ahlén et al. 2009). Furthermore “Bats changed altitude rapidly when they were near tall vertical obstacles such as ships, bridges, and wind turbines.” (Ahlén et al. 2009), a behaviour proved and observed by several authors (e.g. Lothar Bach pers. comm., Seebens-Hoyer et al. 2022, 2024 in prep.). Still a high rotor-free zone helps the part of the bat population (approximately more than 50 %) only crossing in 10-30 m above sea level (Seebens-Hoyer et al. 2024 in prep.).

Cutting off wind turbines in periods with high bat activity can effectively protect bats resulting in only very low profit cuts. Most offshore bat activity takes place at windspeeds of and below 6-7 m/s (Ahlén et al. 2009, Brabant et al. 2021, Lagerveld et al. 2021, Seebens-Hoyer et al. 2022), therefore energy loss by cutting off at these windspeeds is rather low. To prevent killing of bats and therefore fulfil national protection law, the UN Convention on the Protection of Migrating Species and the EUROBATs-Agreement the application of mitigation guidelines by means of cutting off the wind farm during the main migration nights at windspeeds at and below 6 m/s is mandatory with operation.

In addition, there may be applied a two-year acoustic monitoring from the beginning of April to the mid of June and beginning of August till the mid of November

- 1.- prior to construction at 3-5 buoys transversely to the presumed migration direction for survey issues and
- 2.- when built at 3-5 wind turbines (each 1 microphone at nacelle height and one microphone at height of the lower rotor swept zone to adapt cutting off periods by specifying the wind conditions at which most bat migration occurs in the area.

All data needs to be made available for studying cumulative effects of other wind farms. Cumulative effects of the Five Estuaries wind farm also has to be addressed.

The NABU asks for a reply and - in case - a detailed subject-specific explanation on the comment.

Best regards,

Antje Seebens-Hoyer

Literature cited

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RYDELL, J., L. BACH, P. BACH, L. DIAZ, J. FURMANKIEWICZ, N. HAGNER-WAHLSTEN, E.-M. KYHERÖINEN, T. LILLEY, M. MASING, M. MEYER, G. PĒTERSONS, J. ŠUBA, V. VASKO, V. VINTULIS & A. HEDENSTRÖM (2014): Phenology of migratory bat activity around the Baltic Sea and the south-eastern North Sea. *Acta Chiropterologica* 16 (1): 139–147.

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SEEBENS-HOYER, A., L. BACH, P. BACH, H. POMMERANZ, MI. GÖTTSCHE, C. VOIGT, R. HILL, S. VARDEH, MA. GÖTTSCHE & H. MATTHES, H. (2024 in prep.): Fledermausmigration über der Nord- und Ostsee. Abschlussbericht „Untersuchung zur Konnektivität und zum Verhalten von über dem Meer wandernden Fledermäusen zur genaueren Abschätzung der Auswirkungen von Offshore-Windenergieanlagen“ (Batmobil, FKZ 3519 86 1300). BfN-Schriften N.N.

Feekins-Bate, Laura

From: [REDACTED]@mekun.landsh.de
Sent: 19 June 2024 10:35
To: EingangOdM; Dajana Ruge
Subject: WG: Five Estuaries Offshore Wind Farm- EN010115

Sehr geehrte Damen und Herren,

u.s. Mail schicke ich Ihnen z.K..

Mit freundlichen Grüßen

Diana Barteldt



Ministerium für Energiewende, Klimaschutz,
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Von: Barteldt, Diana (MEKUN)

Gesendet: Mittwoch, 19. Juni 2024 11:30

An: 'fiveestuaries@planninginspectorate.gov.uk' <fiveestuaries@planninginspectorate.gov.uk>

Betreff: Five Estuaries Offshore Wind Farm- EN010115

Dear Ms. Newman,

in a letter dated May 14, 2024, you gave us the opportunity to comment on the above-mentioned offshore wind project. Due to the large distance of the project from the Schleswig-Holstein coastal waters, no negative effects are expected. In this respect, we refrain from commenting.

Best regards

Diana Barteldt



Ministerium für Energiewende, Klimaschutz,
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Feekins-Bate, Laura

From: Voigt, Jan [REDACTED]@bundeswehr.org> on behalf of GP Bw BAIUDBw Infra I 3 TOeB <BAIUDBwInfraI3TOeB@bundeswehr.org>
Sent: 20 June 2024 20:55
To: EingangOdM
Cc: [REDACTED]
Subject: AW: Grenzüberschreitende BöB gem. UVPG Bekanntmachung des BSH gem. Espoo-Konvention für den Antrag auf Erteilung einer Genehmigung für die Erweiterung des "Five Estuaries" OWP

Categories: O1517

Klassifizierung: OFFEN – AMTS- U. DIENSTGEHEIMNIS/PersDat Schutzbereich 1

**Bundesamt für Infrastruktur Umweltschutz
und Dienstleistungen der Bundeswehr
Referat Infra I 3**

Sehr geehrte Damen und Herren,

seitens der Bundeswehr bestehen keine Einwände.

Mit freundlichen Grüßen
Im Auftrag

Jan Voigt
Regierungsinspektor



RUUNDES

BAIUDBw Abt Infra
Infrastruktur, Umweltschutz und Dienstleistungen (IUD)



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Von: EingangOdM [REDACTED]@bsh.de>

Gesendet: Donnerstag, 23. Mai 2024 12:55

An: EingangOdM [REDACTED]@bsh.de>

Cc: [REDACTED]

Betreff: Grenzüberschreitende BöB gem. UVPG Bekanntmachung des BSH gem. Espoo-Konvention für den Antrag auf Erteilung einer Genehmigung für die Erweiterung des "Five Estuaries" OWP

Sehr geehrte Damen und Herren,

anbei übersende ich Ihnen die im Rahmen der Benachrichtigung gemäß Artikel 3 des Übereinkommens über die Umweltverträglichkeitsprüfung im grenzüberschreitenden Rahmen (Espoo-Vertragsgesetz) bezüglich des Antrages auf Erteilung einer Genehmigung für die Erweiterung des "Five Estuaries" Offshore Windparks in der britischen ausschließlichen Wirtschaftszone vor der Ostküste Englands übermittelten Dokumente mit der Gelegenheit zur Stellungnahme oder Widerspruch bis **zum 20. Juni 2024**.

Details entnehmen Sie bitte den beigefügten Unterlagen und folgenden Links:

[Home - Five Estuaries](#)

[Five Estuaries Offshore Wind Farm - Project information](#)

Weiterhin werden die übersandten Dokumente in der Zeit **vom 31. Mai 2024 bis zum 20. Juni 2024** auf der Webseite des BSH unter: www.bsh.de (Bekanntmachungen) zur Verfügung gestellt.

Ihre/n Stellungnahme/Widerspruch richten Sie bitte an das Funktionspostfach [REDACTED]@bsh.de und an [REDACTED]@bsh.de.

Für Rückfragen steht Ihnen Frau Ruge unter der Telefonnummer [REDACTED] gern zur Verfügung.

Anlagen:

- notification der britischen Regierung vom 14.05.2024 (EN010115)
- transboundary screening document, Five Estuaries Offshore Wind Farm

Mit freundlichen Grüßen

Im Auftrag

Sarah Hohenberg



Sarah Hohenberg (O1517)
Sachgebiet „Zentrale Verfahrensunterstützung“

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