



SWEDISH
ENVIRONMENTAL
PROTECTION
AGENCY

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Emma Hundertmark
Tel: 010-698 15 26
emma.hundertmark
@naturvardsverket.se

Ärendenummer
NV-05059-23

To the Point of Contact in Finland

Notification pursuant to Article 3 of the Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention) regarding a planned offshore wind farm “Bothnia Offshore Kappa” in Sweden’s economic zone

According to article 3 point 1 of the Espoo Convention, affected countries shall be notified and consulted on projects that are likely to cause transboundary environmental impacts. As a party of origin, Sweden hereby notifies Finland about the plans to develop the offshore windfarm “Bothnia Offshore Kappa”, located within Sweden’s exclusive economic zone (EEZ) in the Gulf of Bothnia.

Information on the project

The developer, *Njordr Offshore Wind AB*, plans to investigate the possibility to establish an offshore wind farm in the Swedish EEZ, located approximately 30 kilometres from the Finnish island *Björkö* and 23 kilometres southwest off *Stora Fjärderägg*, part of the *Holmöarna* island chain. The project area covers 210 square kilometres with a varying sea depth of 45 – 80 meters. Within Finnish waters, approximately one kilometer from the current project area, two other offshore wind farms are being planned, namely *Laine (OX2 Finland)* and *Reimari (Skyborn Renewables Offshore Finland Oy)*.

Bothnia Offshore Kappa is estimated to consist of a maximum of 74 wind turbines with a maximum height of 330 meters. The developer notes that there currently are wind turbines for offshore wind power with an installed capacity of 15 MW, but that industry forecasts deem it likely that 20 MW turbines will be available around 2025. The production analysis for the project is based on an example plant with an installed capacity of 20 MW. The expected installed capacity of the project is therefore estimated to be 1240 MW with an expected annual production of approximately 4.86 TWh. The individual turbines within the wind farm will be coupled via an internal cable network that transmits the produced energy to one or more offshore substations (OSS) where the electricity will be converted and transmitted to shore through one or more connecting cables.

The construction and operation of wind turbines and associated projects in the Swedish EEZ, requires a permit from the Swedish Government in accordance with the Swedish EEZ Act (1992:1140). Government approval is also required by law of the continental shelf act (1966:314) to lay cables on the continental

shelf, including both internal cables within the wind farm and connection to the shore.

Comments received during the consultation process will be compiled and included in a consultation report. The consultation report is a basis for the environmental impact assessment report (EIA) and is to be added as an attachment when the applications are submitted.

Participating in the transboundary EIA-procedure

Referring to Article 3.3 of the Espoo Convention, Sweden kindly asks that potential comments are submitted **no later than the 27th of September 2023** and for Finland to:

1. Acknowledge the receipt of the notification,
2. Indicate, whether Finland intends to participate in the EIA procedure,
3. Provide comments concerning the scope for the assessment of the environmental impacts of the project on your territory, and
4. Submit any comments received from the public in Finland.

Kindly send the answer to this notification by e-mail to:

registrator@naturvardsverket.se. Please indicate case number: NV-05059-23 and “Bothnia Offshore Kappa” in your answer.

This decision has been made digitally and therefore lacks signatures.

For the Swedish Environmental Protection Agency

Nanna Wikholm
Head of Unit

Emma Hundertmark
Desk officer

Attachments

Consultation document with appendix (Available in Finnish)

CC

Sandra Jalalian and Bastian Ljunggren at the Ministry of Climate and Enterprise