

Yttrande

Datum
2013-08-26

Dnr
2368-13
Er beteckning
NV-05464-13

Mottagare
Naturvårdsverket
106 48 Stockholm

Handläggare
Malin Aarsrud
malin.aarsrud@havochvatten.se

Direkt
010-698 6241

Yttrande i samråd enligt Esbokonventionen angående vindkraftparken "Windanker" nordost om Rügen, i Tysklands ekonomiska zon.

Havs- och vattenmyndigheten har beretts tillfälle att lämna synpunkter inom Esbosamråd inför tillståndsansökan för vindkraftparken Windanker i Tysklands ekonomiska zon. Enligt önskemål ska synpunkter lämnas på engelska och Havs- och vattenmyndigheten lämnar härmed följande synpunkter:

The Swedish Agency for Marine and Water Management is interested in participating in the continuing SEA-process.

The content of the forthcoming environmental assessment report should include the following:

A description of the marine flora and fauna including a description of the existing habitats (preferably classified according to EUNIS-habitat classification). Description of fish should include seasonal variations and migration routes. Any areas for spawning of fish should be reported. Any existing areas with high ecological values, like zosteria and mussel beds and areas or species included in the HELCOM red list of species or habitats should be reported. Updated information should be presented where it is available. For example there should be included the new results on the distribution of the Harbour Porpoise from the project SAMBAH (Static Acoustic Monitoring of the Baltic Sea Harbour Porpoise) that will be analyzed in 2013 and 2014. A description of how the occurring species and habitats would be affected by the project should be presented. The information of ecologically important areas should be illustrated with clear maps.

An analysis of the cumulative impacts which may occur by the project together with the impacts of other planned or existing projects in the greater area. Investigations and modelling should be carried out of the cumulative impacts on the environment including impacts from

sedimentation, noise, underwater noise and electromagnetic fields on habitats, species and their migration patterns. For relevant environmental aspects the cumulative analysis should also include the effects of the offshore grid connecting the windfarms with the mainland.

A description of the different types of physical constructions included in the project and the methods of construction and the impacts related to chosen constructions and the construction phase. The descriptions should include all potential constructions and methods if no decision has been taken on construction types and construction methods. Description of mitigation and precautionary measures to be undertaken during the construction, operation and decommissioning phases should also be included.

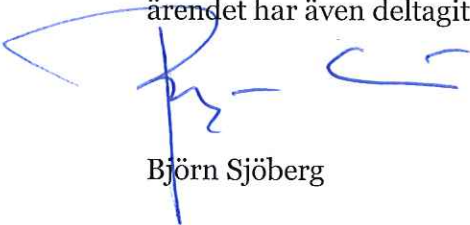
Any impact of underwater noise during construction and operation including mitigation measures to carry out should be reported on especially marine mammals but also fish. Underwater noise is an area of research that is progressing rapidly and it is thus necessary to take into account the latest findings in the field in the project.

Any reef effects caused by the underwater constructions should be reported including risk of spreading of non indigenous species.

A control program for monitoring of environmental impacts during the different phases of the project.

An analysis of how the project's environmental impacts relate to the descriptors of the EU-Marine Strategy Framework Directive and the related German descriptions of Good Environmental Status (GES) according to the Initial Assessment made as part of implementing the directive.

Beslut om detta yttrande har fattats av avdelningschefen Björn Sjöberg efter föredragning av utredaren Malin Aarsrud. I den slutliga handläggningen av ärendet har även deltagit Jan Schmidtbauer Crona.



Björn Sjöberg



Malin Aarsrud