

**PUBLIC NOTICE OF FEDERAL CLEAN AIR ACT PERMIT  
AND PUBLIC COMMENT PERIOD  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 1, AIR & RADIATION DIVISION**

**For**

**Vineyard Wind, LLC  
700 Pleasant Street, Suite 510  
New Bedford, Massachusetts 02740**

The United States Environmental Protection Agency Region 1 office (EPA) is proposing to issue a Clean Air Act (CAA) permit to Vineyard Wind, LLC (VW) for the construction and operation of an Outer Continental Shelf (OCS) source that includes an offshore windfarm and export cables. The windfarm has the potential to generate 800 megawatts (MW) of electricity, enough to provide electric power for approximately 400,000 homes. The proposed wind development area (WDA) will be located in federal waters in the northern portion of OCS Lease Area 0501. At its nearest points, the WDA will be approximately 23 kilometers (km) from Martha's Vineyard and Nantucket, Massachusetts. The export cable-laying activities subject to OCS source requirements will be located in a corridor of Nantucket Sound. The EPA is proposing to issue the OCS air permit pursuant to section 328 of the CAA and the applicable rules and regulations promulgated under 40 C.F.R. part 55, including applicable regulations by the Massachusetts Department of Environmental Protection that were incorporated by reference into part 55. We are soliciting comments related to the air emission impacts and the substance of the proposed CAA permit for the windfarm.

**Description of the Project:**

VW submitted the permit application for the proposed construction and operation of an 800 MW of electricity windfarm in Renewable Energy Lease Area 0501. This windfarm is located in federal waters off the Massachusetts coast about 23 km from Martha's Vineyard and Nantucket. The WDA facility will consist of up to 106 offshore wind turbine generators (WTGs) and their foundations, an electrical service platform (ESP) and its foundation, and inter-array cables. The proposed WDA facility permit includes requirements for the prevention of significant deterioration (PSD) and nonattainment new source review (NNSR) permit programs. In addition, the proposed permit includes title V operating permit program requirements for the ongoing operations of the WDA facility. The proposed permit also includes NNSR permit program requirements for the vessels installing the offshore export cable laying activities (OECLA) in the area of federal waters within Nantucket Sound.

**Air Quality Impacts:**

The air quality analysis showed that the impact from the WDA facility operation will not cause or contribute to a violation of applicable national ambient air quality standards (NAAQS) or PSD increments. The analysis also showed that construction phase emissions for both the WDA facility and OECLA will not cause significant impacts for the PSD increments at any Class I area (national parks and wilderness areas). The NAAQS are health-based standards that the EPA sets to protect public health with an adequate margin of safety. The PSD increments are designed to ensure that air quality in an area that meets the NAAQS does not significantly deteriorate from baseline levels. The WDA facility consumes a maximum of 99.7% of the 24-hr PM<sub>2.5</sub> and 61.5% of the 24-hr PM<sub>10</sub> PSD increment within 1.5 km from the WDA. In addition, the air quality impact analysis demonstrated that operation of the WDA facility will not adversely cause impairment to soils, vegetation, or visibility at Class I areas.

**EPA Permit Action:**

VW submitted the OCS air permit application for the windfarm to the EPA on August 17, 2018. The EPA is proposing to issue the federal CAA permit based on the information in VW's application and subsequent

application updates and the applicable air permitting regulations. The proposed permit number for this action is OCS-R1-03.

**Public Comment Process:**

The EPA is now taking public comments for the proposed action until August 1, 2019. Any interested person may submit written comments on the proposed OCS air permit during the public comment period. The EPA will consider all submitted comments in its final decision-making process.

All data submitted by the applicant is available as part of the administrative record. Members of the public may review a copy of the proposed permit prepared by the EPA, the fact sheet for the proposed permit, the application, and all supporting materials, at the U.S. EPA Region 1 office, at 5 Post Office Square, Suite 100, Boston, MA 02109. All documents will be available for review Monday through Thursday from 8:00 am to 4:00 p.m. To obtain information, please contact Donald Dahl at 617-918-1657.

Electronic copies of the proposed permit, fact sheet, and all supporting materials are also available for review on EPA's website at: <https://www.epa.gov/caa-permitting/caa-permitting-epas-new-england-region>.

The public comment period on this proposed permit action will begin upon publication of this notice and will end on **August 1, 2019**. All comments should be submitted to the following address:

Donald Dahl  
Air and Radiation Division (Mailcode: 05-2)  
U.S. EPA Region 1  
5 Post Office Square, Suite 100  
Boston, MA 02109.

Comments may be submitted electronically through <https://www.regulations.gov> (Docket ID # **EPA-R01-OAR-2019-0355**) or directly by email to [dahl.donald@epa.gov](mailto:dahl.donald@epa.gov).

All comments received at or before the end of the public comment period will be considered in arriving at a final decision on the permit. The final permit is a public record that can be obtained upon request. A statement of reasons for changes made to the proposed permit and responses to all significant comments received will be sent to all persons who submitted comments and contact information on the proposed permit, or who requested notice of the final permit decision.

If you believe any conditions in the proposed permit are inappropriate, or that our initial decision to prepare a permit is inappropriate, you must raise all reasonably ascertainable issues and submit all reasonably ascertainable arguments supporting your position by the end of the public comment period. Any supporting materials that you submit must be included in full and may not be incorporated by reference, unless they are already part of the administrative docket for this permit proceeding or consist of State, Tribal, or Federal statutes and regulations, EPA documents of general availability, or other generally available referenced materials.

All comments received will be included in the public docket without change and will be available to the public, including any personal information provided, unless the comment includes Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Information that is considered to be CBI or otherwise protected should be clearly identified as such and should not be submitted through email. If a commenter sends email directly to the EPA, the email address will be automatically captured and included as part of the public comment. Please note that an email or postal address must be provided with comments if the commenter wishes to receive direct notification of the EPA's final decision regarding the proposed permit.

In addition, the EPA will hold a public hearing for the proposed OCS air permit on August 1, 2019. The hearing will be held in the Large Meeting Room on the 3rd floor at the New Bedford Free Public Library, located at 613 Pleasant Street, New Bedford, MA 02740 at 6:00 pm. The hearing will end when all attendees wishing to speak have spoken, or at 8:00 p.m., whichever is sooner. Depending on the number of attendees that wish to speak, the Presiding Officer may set reasonable limits on the time allowed for oral statements. We request, if possible, that you provide a written copy of any testimony you intend to present during the hearing. A written transcript of the public hearing will be made available afterwards. The public hearing will be conducted according to the rules and procedures of 40 C.F.R. § 124.12.

The EPA will proceed with final permit issuance consistent with the regulations at 40 C.F.R. part 55 and administrative procedural requirements at 40 C.F.R. part 124. Following the close of the public comment period, and after the public hearing, the EPA will issue a Final Permit decision and forward a copy of the final decision to the applicant and each person who has submitted written comments or requested notice. Within 30 days following the notice of the permit decision, any interested parties may submit a petition for review of the permit to the EPA's Environmental Appeals Board consistent with 40 C.F.R. § 124.19.

In accordance with 40 C.F.R. § 124.15, the final permit becomes effective 30 days after permit issuance, unless: (1) a later effective date is specified in the permit; or (2) the permit decision is appealed to the EPA's Environmental Appeals Board pursuant to 40 C.F.R. § 124.19; or (3) no comments resulted in a change to the proposed permit or a denial of the permit, in which case the EPA may make the final permit effective immediately upon issuance.

The EPA will add the OCS air permit to the EPA Region 1 website at <https://www.epa.gov/caa-permitting/caa-permitting-epas-new-england-region>. Anyone may request a copy of the final OCS air permit at any time by contacting Donald Dahl at [dahl.donald@epa.gov](mailto:dahl.donald@epa.gov) or (617) 918-1657.

If you would like to be added to our mailing list to be informed of future actions on this or other CAA permits issued by EPA Region 1, please send your name and address to Air Permits Team, Air and Radiation Division (Mailcode 05-2), U.S. EPA Region 1, 5 Post Office Square, Suite 100, Boston, MA 02109, or sign up to receive notifications on our website at: <https://www.epa.gov/caa-permitting/caa-permitting-epas-new-england-region>.