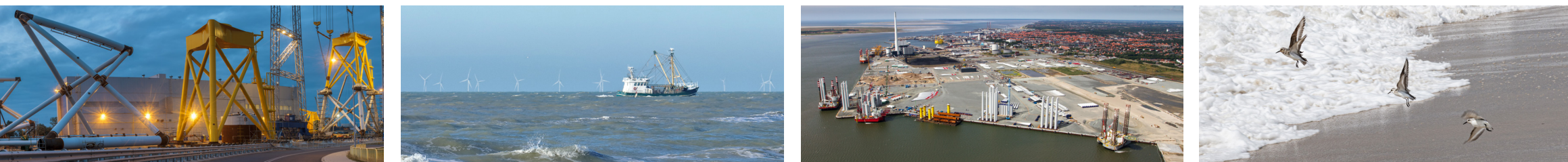




Offshore Wind Services & Capabilities

Offshore wind is entering an age of greater certainty. Federal, state and local regulators are becoming accustomed to the unique environmental considerations surrounding the development of offshore wind farms. As such, developers require a consultant who understands these needs, and can apply its offshore wind experience, environmental and regulatory knowledge, and established relationships with regulators to each project.

With our in-depth lead regulatory, permitting, and technical experience, VHB is able to identify and address potential impacts to schedule and mitigate risk while supporting the planning, siting, construction, and operational phases of offshore wind projects.



VHB Delivers:

- Agency & Stakeholder Engagement
- Bid Development Support
- Confidential Transaction Due Diligence
- Construction & Operations Plans
- Construction Support Services & Compliance Monitoring
- Federal, State & Local Permitting
- Land Development & Transportation Engineering
- Port & Substation Civil Design & Permitting
- Site Assessment & Selection Services
- Surveys & Assessments
- Transmission & Grid Interconnection Planning, Analysis & Permitting
- Technology-Enabled Solutions & Management



Lead Regulatory, Permitting and Technical Consultant Services

VHB provides lead consultant services to large-scale offshore wind projects by managing and conducting efforts that adhere to BOEM regulations, as well as federal, state, and local permitting requirements. Our knowledge of the regulatory environment and relationships with local development authorities, municipalities, and state agencies, together with key partnerships, allow us to provide the full-suite of professional and cost-effective services to our clients, making VHB a vital part of any development team.

Construction and Operations Plans and Federal, State and Local Permitting

For Revolution Wind in Rhode Island and another confidential offshore wind farm project off the coast of New Jersey, VHB serves as the lead regulatory, permitting, and technical services consultant, managing the development of the Construction and Operations Plans and all federal, state, and local permitting efforts. For both projects, VHB manages a large, diverse team of subconsultants, employing the experience of each to maintain the alignment of offshore and onshore project components. We leverage our local experience and relationships to meet project needs, navigate the regulatory process, and support individual and programmatic meetings with federal and state regulatory agencies and municipalities. We provide agency and stakeholder outreach and engagement services, and have helped Revolution Wind obtain permits and achieve its Record of Decision, allowing construction to advance on schedule.

VHB is the right partner for offshore wind development. We provide strong technical excellence, deep local knowledge, and meaningful relationships, developing and maintaining strong ties with local, state and federal regulators and decision makers. VHB's team of passionate professionals understands how to move projects through the lifecycle. We focus on navigating the regulatory waters to guide and support our clients, providing comprehensive, integrated solutions to challenging and complex offshore wind development projects.

South Fork Wind Farm | New York

VHB analyzed two different terrestrial cable routes positioned to connect the 130 MW South Fork Wind project to land-based electrical substations. The team prepared a Critical Issues Analysis and contributed to the preparation of the Construction and Operations Plan, supervised the development of an Acoustic Analysis for the proposed onshore substation, and assisted with the preparation of the Article VII application submitted to the NY Public Service Commission. VHB's understanding of the local community and stakeholder concerns helped to facilitate the extensive analysis, leading the Public Service Commission to affirm that the project could be built with minimal impact to the environment and the community, while simultaneously helping the Town of East Hampton and New York state reach their clean-energy goals.

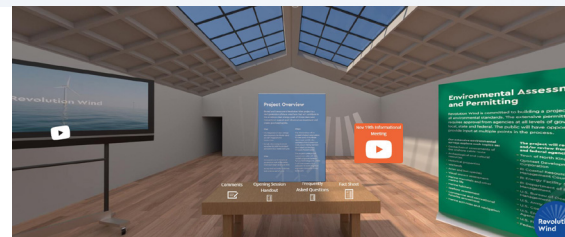


Block Island Wind Farm Logistics Hub | Rhode Island

VHB worked with local and regional stakeholders, the project developer and the turbine manufacturer to design and construct a first of its kind logistics facility in the Port of Providence. VHB provided engineering and permitting services for the facility which supported staging and assembly for the 30 MW Block Island Wind Farm, America's first offshore wind farm. VHB brought local knowledge and an understanding of the offshore wind market to drive this complex project's successful and timely outcome.

Revolution & Ocean Wind Virtual Stakeholder Meeting Programs | Northeast US

VHB developed, hosted and moderated virtual stakeholder meetings for both the Revolution Wind and Ocean Wind projects in customized Virtual Meeting Spaces, hosting hundreds of stakeholders in several virtual events. VHB worked with Orsted and Eversource to create an interactive meeting space that allowed stakeholders to access and explore project information anywhere, anytime and at their own pace. VHB staff facilitated stakeholder meetings ensuring that all participants had a chance to submit their questions and receive answers from qualified subject matter experts. Our experience helped guide the thoughtful design of the Virtual Meeting Spaces and demonstrate how virtual stakeholder meetings can be an effective way to facilitate outreach efforts when in-person meetings are not possible.



Sunrise Wind Farm | New York

VHB completed utility investigation, topographic and property surveying, and provided construction monitoring for a proposed onshore cable route and substation in support of Sunrise Wind, an approximately 880 MW offshore wind farm. VHB's local knowledge, experience and relationships have been integral to addressing sensitive aspects of the project, helping to facilitate successful outreach and project understanding with state agencies and local utility, cable and water companies.

Integrated Services for Offshore Wind

Air, Noise & Vibration Analyses
Aboveground Cultural Surveys
Agency Coordination
Construction & Operations Plan Development
Due Diligence Studies & Critical Issues Analyses

Energy Project Siting
Environmental Permitting & Regulatory Compliance
GIS Mapping, Remote Sensing, & Predictive Modeling
Land Survey & Data Management

Resiliency/Vulnerability Assessments
Site Assessment Plan Development
Site Civil & Stormwater Engineering
Site Investigation & Remediation Services

Stakeholder Outreach & Engagement
Structures Design & Engineering
Third Party Environmental Impact Statements
Threatened & Endangered Species Surveys

Transportation Engineering & Mobility Studies
Visual Impact Analysis & Simulations
Wetland & Natural Resource Field Investigation

VHB Offshore Leadership

Our team has extensive experience delivering innovative solutions to clients in the energy market with specific experience dedicated to offshore wind. They have been at the forefront of developing and executing permitting and stakeholder engagement strategies to advance offshore wind projects nationally, bringing a deep knowledge of energy policy, trends and insights, and the regulatory drivers impacting the market.



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VHB's Offshore Wind leaders are supported by a large team of **more than 2,000 engineers, scientists, and planners throughout 30+ offices** on the East Coast, bringing an in-house mix of disciplines and skill levels to deliver on projects nationwide.

Connect with us

To learn even more about how VHB is advancing offshore wind development along the East Coast, please scan the QR code or visit www.vhb.com/osw

