



Offshore Wind Services

Tetra Tech provides comprehensive and fully integrated environmental, permitting, engineering, and construction services throughout all phases of offshore wind projects. Having recently acquired the RPS Group, Tetra Tech's offshore wind team is stronger than ever: Our unparalleled experience and understanding of the requirements for executing domestic commercial-scale offshore wind projects enables clients to streamline the complex interactions among all levels of governing agencies. We have permitted the U.S.'s only operational offshore wind farms: Block Island Wind Farm—the first in North America—and the Coastal Virginia Offshore Wind Pilot Project.

Having developed dozens of survey plans, Site Assessment Plans (SAP), and Construction and Operations Plans (COP), Tetra Tech is the lead provider of environmental consulting services for U.S. offshore wind development.

Site Selection Support

- Critical issues (fatal flaw) analysis
- Constraints mapping
- Facility siting and selection
- Alternative site identification

Design and Engineering

- Facility and coastal planning and engineering; port planning
- Onshore and submarine transmission route planning and engineering
- Cable Burial Risk Assessments
- Nature-inclusive design

Resource Surveys, Assessments, and Plans

- Oceanographic, hydrographic, geophysical, and geotechnical surveys and assessments
- Wave and tidal analysis
- Resource studies (coastal, marine biological, ecological, and avian and bat)
- Threatened and endangered species identification and potential mitigation
- Cultural resource analysis
- UXO assessment and mitigation
- Sediment sampling, analysis, and management

- Socioeconomic, ocean use, and recreation analyses
- Visual impact assessments and simulations
- In-air and underwater noise analyses
- Mitigation and monitoring plans
- Public and stakeholder outreach
- Navigational safety studies
- Dredge disposal planning and design
- Ecological and human health risk assessments

Metocean

- Forecasting
- Floating LiDAR wind measurement

Data Management/Data Portal

- OceansMap

Due Diligence and Advisory Services

- Transaction management
- Bid management

Licensing and Permitting

- Federal, state, and local permits
- Permit strategy development
- SAP and COP; SAP/COP Survey Plans
- Agency consultations and negotiations

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- NEPA compliance
- Incidental Harassment Authorizations
- NPDES permitting, thermal modeling, and entrainment assessment

Construction and Operation

- Sediment management
- Environmental training
- Environmental resource monitoring
- Post-construction monitoring
- Sound source verification

Development, Construction, Operation, and Maintenance Compliance

- Biological data collection
- Cable burial inspections
- Data management, analytics, and reporting
- Protected Species Observers
- Acoustic monitoring (operations mitigation and long-term networks)
- Avian monitoring

Representative Project Experience – Atlantic Coast



Tetra Tech is committed to environmental stewardship and to providing our clients with the most professional and highest quality service. Below is a selection of services provided for offshore wind projects along the New England and Mid-Atlantic coasts. These represent some of the most ambitious and significant offshore wind projects in the region. Tetra Tech's ability to work in collaboration with the BOEM and other federal regulatory agencies is demonstrated by our clients' success.

| Services Delivered by Tetra Tech | |
|--|----|
| Due Diligence & Advisory Services | 1 |
| Marine Survey Planning and Permitting | 2 |
| Lead Environmental Consultant | 3 |
| Site Assessment Plan (SAP) | 4 |
| Construction and Operations Plan (COP) | 5 |
| Federal Permits | 6 |
| State Permits | 7 |
| Siting/Routing (Marine and/or Terrestrial) | 8 |
| Surveys (Marine and/or Terrestrial) | 9 |
| Protected Species Observers/ Client Representatives | 10 |
| UXO | 11 |
| Environmental Construction Compliance Management | 12 |



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