NOWRDC has awarded $31 million to 46 different projects in the following 7 technical categories:

I. Supply Chain and Logistics
II. Electrical Power Systems
III. Operations and Maintenance and Safety
IV. Environmental and Conflicting Use
V. Wind Resource and Site Characterization
VI. Floating Structure Engineering
VII. Fixed Structure Engineering

NOWRDC advances the U.S. offshore wind industry through:

High-Impact Research & Development

Building strong networks connecting technology innovators, investors, and industry

Established in 2018, the National Offshore Wind Research and Development Consortium (NOWRDC) is a nationally-focused, not-for-profit, public-private partnership dedicated to managing industry-focused research and innovation to reduce the levelized cost of energy (LCOE) of offshore wind in the U.S. while maximizing other economic and social benefits.
NOWRDC provides over $11m in total funding for 14 projects conducting offshore wind research and development across the Commonwealth of Massachusetts.

**UMass Amherst**
Techno-Economic Mooring Configuration and Design for Floating Offshore Wind

**Power Advisory**
Subcontracting with Offshore Wind Consultants
Shared Landfall and Onshore Cable Infrastructure for Cable Colocation Feasibility Study

**Triton Systems, Inc.**
Innovative Anchoring System for Floating Offshore Wind*

**Tufts University**
Transmission Expansion Planning Models for Offshore Wind Energy*
Physics Based Digital Twins for Optimal Asset Management*

**Dive Technologies**
Fully Autonomous Subsea Asset Inspection by a Shore-Launched AUV

**Northeastern University**
Long-Term Availability and Bankability of Offshore Wind Through Hurricane Risk Assessment and Mitigation

**New England Aquarium**
Subcontracting with Cornell University
Right Wind: Resolving Protected Species Space-Use Conflicts in Wind Energy Areas

**Northeastern University**
Subcontracting with Keystone Tower Systems
Tapered Spiral Welding for US Offshore Wind Turbine Towers

**DME Offshore US**
Tri-Suction Pile Caisson Foundation Concept

**Woods Hole Oceanographic Institution**
Development of a Metocean Reference Site near the MA & RI Wind Energy Areas

**UMass Lowell**
A Novel Structural Health Monitoring System for Offshore Wind Turbine

**Subcontracting with Principle Power**
Innovative Deepwater Mooring Systems for Floating Wind Farms (DeepFarm)*

**Subcontracting with Power Advisory**
Innovative Deepwater Mooring Systems for Floating Wind Farms (DeepFarm)*

**Subcontracting with Triton Systems, Inc.**
Innovative Anchoring System for Floating Offshore Wind*

**Subcontracting with DEME Offshore US**
Tri-Suction Pile Caisson Foundation Concept

**Subcontracting with UMass Amherst**
Techno-Economic Mooring Configuration and Design for Floating Offshore Wind

**Subcontracting with Power Advisory**
Innovative Deepwater Mooring Systems for Floating Wind Farms (DeepFarm)*

**Subcontracting with Triton Systems, Inc.**
Innovative Anchoring System for Floating Offshore Wind*

The Massachusetts Clean Energy Center (MassCEC) is a NOWRDC member

Projects with an asterisk have a MassCEC cost share