



NATIONAL OFFSHORE WIND

RESEARCH & DEVELOPMENT CONSORTIUM

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 advances the U.S. offshore wind industry through:

High-Impact Research & Development

Building strong networks connecting technology innovators, investors, and industry



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



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In North Carolina

NOWRDC provides over \$3.2m in total funding to 5 projects executing offshore wind research and development across North Carolina.

EPRI

Verifying OSW Turbine Blade Integrity During Manufacture

Subcontracting with Tufts University

Transmission Expansion Planning Models for Offshore Wind Energy

Subcontracting with NREL
Development of Advanced Methods for Evaluating Grid Stability Impacts

Subcontracting with University of Massachusetts Lowell
A Novel Structural Health Monitoring System for Offshore Wind Turbine

East Carolina University

Subcontracting with CODAR

Ocean Sensors LTD

Oceanographic HF Radar Data Preservation in Wind Turbine Interference Mitigation

