



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 Virginia

NOWRDC provides \$5m in total funding to 6 projects executing offshore wind research and development across the State of Virginia.

DNV

*Subcontracting with
University of Maine*
Design and Certification
of Taut-synthetic
Mooring for Floating
Wind Turbines

Subcontracting with NREL
30GW by 2030: Supply
Chain Roadmap for
Offshore Wind in the US

Old Dominion University

*Subcontracting for CODAR Ocean
Sensors LTD*
Oceanographic HF Radar Data
Preservation in Wind Turbine
Interference Mitigation

PCCI, Inc.

Quarter Scale Testing of
the Intelligent Mooring
System for FOWT
Platforms

Virginia Tech

Dual-Functional Tuned
Inerter Damper for
Enhanced Semi-Sub
Offshore Wind Turbine

Metron, Inc.

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

Virginia Department of Mines, Minerals, and Energy (DMME) is a
NOWRDC member