

**National Offshore Wind Research and Development Consortium Announces  
New Projects Selected for Funding**

**September 15, 2022**

The National Offshore Wind Research and Development Consortium (NOWRDC) has selected five new projects to receive a total of \$3.5 million to facilitate offshore wind’s coexistence with wildlife and other ocean users, and to improve electrical transmission. Once contracted, the five new projects, listed below, will bring the NOWRDC’s total funding portfolio to \$40 million for 52 projects.

**Challenge Area: Facilitating Ocean Area Coexistence**

<b>Awardee Organization</b>	<b>Project Title</b>
<b>National Renewable Energy Laboratory (NREL)</b>	Co-Design Solutions for U.S. Floating Offshore Wind and Fishing Compatibility
<b>Saildrone</b>	Renewable Powered, Uncrewed Mobile Assets to Monitor Protected Marine Mammals

**Challenge Area: Electrical and Grid Challenges Unique to Offshore Wind Transmission**

<b>Awardee Organization</b>	<b>Project Title</b>
<b>University of Michigan</b>	Robust Stabilization of Subsea Power Cables using Nonlinear Energy Sinks
<b>Clarkson University</b>	Atlantic Seaboard Offshore Stability Risk Evaluation and Service
<b>Rutgers University</b>	AI-powered Physics-based Tool for OSW Forecasting and Grid Integration

“NOWRDC is excited to award projects that directly respond to challenges in the offshore wind industry,” said Kevin Knobloch, Acting Executive Director of NOWRDC. “As we approach the deployment of commercial-scale offshore wind in the U.S., these projects have the potential to provide real solutions to near-term industry challenges—ranging from stakeholder coordination to transmission resiliency. The projects thus offer the opportunity to improve the state of the art in offshore wind development.”

"Saildrone is very excited to be working with NOWRDC to help accelerate offshore wind energy development in a safe, cost-effective, and sustainable way." said Richard Jenkins, Founder and CEO Saildrone. "We have worked hard over recent years to support the rapid growth of the offshore wind industry. Using our low-carbon vehicles to protect marine mammals, while also technically supporting offshore wind development, is going to be a key accelerator for the industry."

This award announcement marks the full distribution of NOWRDC's initial U.S. Department of Energy and New York State Energy Research and Development Authority project award funding. Through three competitive solicitations, NOWRDC has now awarded 52 projects focused on a range of offshore wind technical challenge areas. The full list of NOWRDC's portfolio of projects is listed on its website: [www.nationaloffshorewind.org](http://www.nationaloffshorewind.org).

*The National Offshore Wind Research and Development Consortium, established in 2018, is a not-for-profit public-private partnership focused on advancing offshore wind technology in the United States through high impact research projects and cost-effective and responsible development to maximize economic benefits. Funding for the Consortium comes from the U.S. Department of Energy and the New York State Energy Research and Development Authority (NYSERDA), with each providing \$20.5 million, as well as contributions from state agencies in Maine, Maryland, Massachusetts, New Jersey, and Virginia, bringing total investment to approximately \$48 million. For more information, please visit [nationaloffshorewind.org](http://nationaloffshorewind.org).*

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