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***National Offshore Wind Research and Development Consortium
Announces \$650,000 Hurricane Resiliency Modeling Project***

March 15, 2022 - The National Offshore Wind Research and Development Consortium (“the Consortium”) is pleased to announce a new research project, *Ensuring Long-Term Availability and Bankability of Offshore Wind Through Hurricane Risk Assessment and Mitigation*. Led by Northeastern University, with anticipated research support from the Johns Hopkins University, the University of Massachusetts Amherst, the University of Colorado Boulder, Clemson University, and Tufts University, the project will receive \$650,000 in combined funding from the states of New Jersey, Massachusetts, and Maryland.

Relatively little technical research has been devoted to quantifying and assessing risk of Atlantic coast hurricanes to offshore wind. Developers, regulators, and insurers have limited tools to quantify the risks or determine whether meaningful design changes are necessary to manage the risk.

“We expect this proposal to remove a significant amount of the uncertainty associated with conjectures about hurricane risk with a targeted, industry-driven series of investigations that span from basic atmospheric science to highly applied OSW engineering,” says Jerome Hajjar, Project Lead, CDM Smith Professor and Department Chair, Department of Civil and Environmental Engineering at Northeastern University.

“As one of the national leaders in offshore wind New Jersey is pleased to join a team of east coast states to fund this novel and timely hurricane risk assessment project,” said NJBPU President Joseph L. Fiordaliso. *“The set of industry best practices for design, certification, and risk assessment for east coast windfarms this study aims to provide will inform our efforts to meet Governor Murphy’s ambitious goal of 7,500MW of offshore wind by 2035 and help safeguard New Jersey windfarms in the years to come.”*

“We are pleased to participate in the joint funding of this important research spearheaded by Northeastern University,” said Massachusetts Clean Energy Center CEO Jennifer Daloisio. *“The Nation’s first commercial-scale offshore wind project is now under construction to serve Massachusetts customers, but many more projects will follow. We must ensure that offshore wind is a reliable and resilient source of*

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zero-carbon energy over the long-term and this is an excellent example of states working together, through the Consortium, to that end."

"Maryland is pleased to join other states in funding this research project which seeks to deepen our understanding of the risks that hurricanes and other extreme weather events pose on offshore wind projects," said Mary Beth Tung, Ph.D., Esq., Director of the Maryland Energy Administration. "By understanding the magnitude of these risks we can prepare and mitigate the potential harm that these extreme weather events could have on our clean energy systems."

Over the past three years, forty-six projects received awards from the Consortium, representing over \$33.3 million in funding. A full listing of the projects can be found on the Consortium's website: [NOWRDC Projects](#).

The National Offshore Wind Research and Development Consortium was established in 2018 when the New York State Energy Research and Development Authority (NYSERDA) was awarded \$18.5 million from the [U.S. Department of Energy](#) (DOE) to administer a public-private partnership focused on advancing offshore wind technology in the United States. NYSERDA contributed matching funds. The Consortium, a not-for-profit organization, supports cost-effective and responsible development of offshore wind to maximize economic benefits to the United States. The Commonwealths of Virginia and Massachusetts and the states of Maine and Maryland now also contribute to the Consortium's funding.

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