NATIONAL OFFSHORE WIND
RESEARCH & DEVELOPMENT CONSORTIUM

FOR IMMEDIATE RELEASE
Tuesday, September 15, 2026

NOWRDC Releases Roadmap 5.0, Charting the Next Phase of U.S. Offshore Wind Research and Development

New strategic framework identifies priority R&D investments to cut costs, increase resilience, and strengthen U.S. supply chains as the industry navigates near-term headwinds

Today, the National Offshore Wind Research and Development Consortium (NOWRDC), with support from the Carbon Trust, released Roadmap 5.0, its updated strategic framework guiding research and development investment across the U.S. offshore wind industry.

The U.S. offshore wind industry faces near-term challenges from rising capital costs, supply chain constraints, permitting complexity, and policy uncertainty. However, long-term electricity demand growth driven by electrification, advanced manufacturing, and AI data centers reinforces the need for scalable domestic energy sources like offshore wind.

"NOWRDC's data shows what targeted R&D can deliver — a 6 to 12 percent reduction in the cost of energy across the innovations we've funded," said Dr. Lyndie Hice-Dunton, Executive Director of NOWRDC. "Roadmap 5.0 guides funding agencies and policymakers on exactly where to keep investing so the U.S. offshore wind industry is ready to scale the moment conditions allow."

Since 2018, NOWRDC has awarded over $67 million across 65+ research projects. NOWRDC is a public–private partnership originally supported by the U.S. Department of Energy and NYSERDA, now with additional support from the Commonwealths of Virginia and Massachusetts and the States of California, Maine, Maryland, and New Jersey.

Hice-Dunton added, "This Roadmap is both a technical guide and a call to action. By investing in the priorities outlined here, we can reduce uncertainty, accelerate progress, and unlock the full potential of offshore wind as a cornerstone of the U.S. energy system and marine economy."

Roadmap 5.0 is available now at nationaloffshorewind.org.

About NOWRDC

NOWRDC is a public–private partnership established in 2018 to advance U.S. offshore wind innovation through targeted research, reducing technical risks and strengthening domestic supply chains. Learn more at nationaloffshorewind.org.