



NEW YORK
STATE OF
OPPORTUNITY™

National Offshore Wind Research and Development Consortium



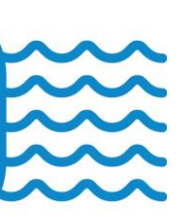
French-American Innovation Day | 18 March 2019

Green New Deal

Governor Andrew M. Cuomo has made a historic commitment to transforming New York's electricity sector to be

100% carbon-free by 2040

and putting the State on the path to eventually eliminating its carbon footprint all together

70%

renewable

energy by
2030


OFFSHORE WIND ENERGY

9,000 MW

BY 2035

**Largest Commitment
in the U.S.**

**enough to power up to
6 million homes**



US DOE Offshore Wind R&D Consortium FOA-1767



- Solicits an administrator for a “**voluntary consortium**” that will deliver technology improvements to the U.S. offshore wind industry
- **\$18.5 million in R&D funding**, with additional \$2M allocated to national labs.
- Minimum **50% cost share**.
- Funds to be awarded over four years

Alignment with New York’s goals

- Focused on reducing levelized cost of electricity (LCOE)
- Applies funding nationally to the most qualified researchers—reducing costs and accelerating development in New York State
- **Achieving 10% LCOE reduction (\$12/MWh) will result in ~\$100M of annual savings in New York in 2030*.**

**projecting 2400MW installed offshore wind capacity*

National Offshore Wind R&D Consortium

An independent not-for-profit designed for long term self-sufficiency

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Advisory Groups

Research and Development
Advisory Group (RDAG)

Strategic Advisor Network (SAN)

Tech to Market Group (TTM)

Manufacturing, Supply Chain
& Service Council (MSSC)

Research Roadmap and Solicitations



- Dedicated to managing industry-focused research and development of offshore wind to maximize economic benefits for the U.S.
- Prioritized **Research and Development Roadmap** and **Notice of Upcoming Technical Challenges** published in November 2018
- First solicitations expected Q1-Q2 of 2019
 - Offshore Wind Plant Technology Advancement
 - Offshore Wind Power Resource and Physical Site Characterization
 - Installation, O&M and Supply Chain Solutions



Questions?

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NYSERDA