

Maine Offshore Wind Webinar Series

Building Our Understanding of the Current Offshore Wind Floating Technology & Cable Laying and Maintenance

**February 26, 2021
10:00 am – 11:15 am Eastern**

Register at:

Objectives:

- Advance the stakeholder engagement process through joint learning
- Learn about the status of floating offshore wind (OSW) technology, where it has been deployed and what to expect on shore, on the water and in the water column
- Gather insight into the methods for marine cable installation and maintenance, including environmental and marine use considerations and best practices for mitigating risk

10:00	Welcome & Overview <ul style="list-style-type: none">○ Celina Cunningham, Governor's Energy Office○ Laura Singer, Facilitator
10:05	Status of Floating Offshore Wind (FOSW) Technology <p>Presenter: Walt Musial, National Renewable Energy Laboratory</p> <ul style="list-style-type: none">○ Brief overview of how FOSW technology works from assembly to installation to operation and maintenance○ FOSW technology in use world-wide and lessons learned○ R&D topics to help minimize impacts on environmental and ocean users and reduce costs <p><i>Presentation followed by 5 minutes of clarifying questions</i></p>
10:30	Installing and Maintaining Marine Cables – Considerations and Best Management Practices <p>Presenter: Joel Whitman, Global Marine Group</p> <ul style="list-style-type: none">○ General overview of marine cable installation and maintenance○ Marine use and environmental considerations○ Common best management practices to mitigate risk○ R&D topics to help minimize impacts on environmental and ocean users and reduce costs <p><i>Presentation followed by 5 minutes of clarifying questions</i></p>
10:55	Facilitated Q & A
11:15	Wrap up & Close

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Presenters

Walt Musial, U.S. Department of Energy, National Renewable Energy Laboratory

Walt Musial is a Principal Engineer and leads the offshore wind research platform at the National Renewable Energy Laboratory (NREL) where he has worked for 32 years. In 2003 he initiated the offshore wind energy research program at NREL which focuses on a wide range of industry needs and critical technology challenges. He chairs the AWEA Offshore Wind Standards Subcommittee and is the Senior Technical Advisor to the National Offshore Wind R&D Consortium. Previously, Walt also developed and ran NREL's full scale blade and drivetrain testing facilities for 15 years. Earlier, Walt worked as a test engineer for five years in the commercial wind energy industry in California. He studied Mechanical Engineering at the University of Massachusetts - Amherst, where he earned his bachelor's and master's degrees, specializing in energy conversion with a focus on wind energy engineering. He has over 120 publications and two patents.

Joel Whitman, Global Marine Group, North America

Joel Whitman leads Global Marine Group's North American business operations from the US office in Boston, Massachusetts. As Executive Vice President, Joel brings almost 20 years of offshore wind industry knowledge to the table and has worked across a range of different industries during his career, including renewable energy, software, retail, chemical manufacturing, subsea robotics, and telecommunications. Having demonstrated his expertise developing and launching new products and services around the world, he has a keen understanding of the implications and requirements of this new offshore wind technology. Joel is a resident of Massachusetts and serves as a board member for The Business Network for Offshore Wind and the US Offshore Wind Collaborative.