

New Hampshire Offshore Wind Update

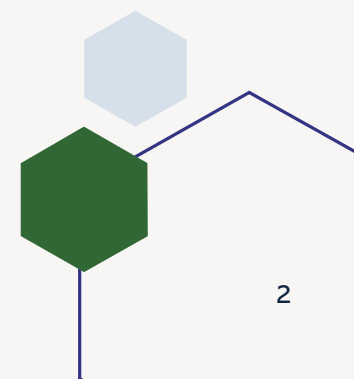
Mark Sanborn
Assistant Commissioner, NHDES

May 2023



New Hampshire's OSW Priorities

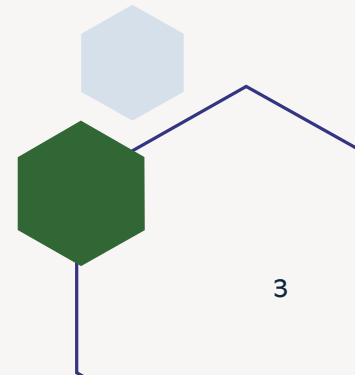
1. Protect New Hampshire's existing economic and environmental interests and the interests of the State's residents and businesses; includes utilizing Federal Consistency if necessary.
2. Identify and pursue opportunities for New Hampshire's port facility in Portsmouth, NH.
3. Identify and pursue opportunities for New Hampshire's small manufacturing companies.
4. Identify and pursue opportunities for New Hampshire's labor unions and workforce groups.
5. Use of NH's existing transmission infrastructure to connect the wind farm(s) to the onshore transmission grid.



A Focus on Partnerships & Outreach

Partnerships:

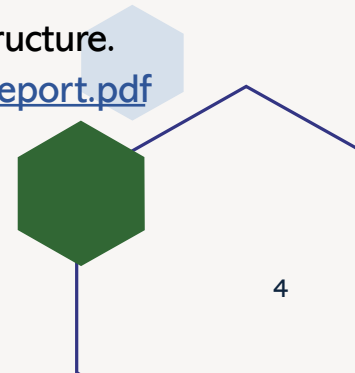
- BOEM's Gulf of Maine Tri-State Task Force
- NH Commission on Offshore Wind
- Special Initiative on Offshore Wind's multi-state collaboration to develop framework for a commercial fisheries compensatory mitigation administrator's fund.
- The White House and US Department of Energy's Supply Chain Working Group



A Focus on Partnerships & Outreach

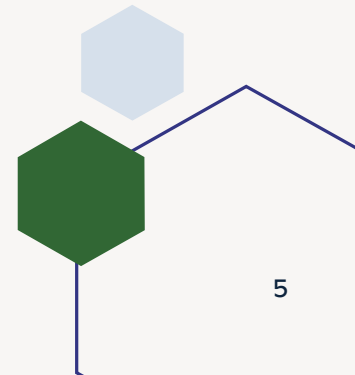
Outreach:

- Two years of outreach:
 - Lead by NHDES, NH Fish & Game, NH Sea Grant, NHDOE, NH Port Authority, and NHBEA.
 - To educate the public, the business community, and the State's elected officials of the process to deploy and potential opportunities.
- NH Offshore Wind Summit, September 2022
 - Brought together in-state and out-of-state industry leaders
 - Discussed the strengths of NH's business sectors and the future opportunities that will be created by offshore wind in the Gulf of Maine.
- NHDES and NHDOE released report on greenhouse gas emissions and port & transmission infrastructure.
 - <https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/offshore-wind-deployment-report.pdf>



State Legislative Activities

- **SB 268**: Updated New Hampshire's statutes and regulations regarding offshore wind deployment, including compensatory mitigation and federal consistency.
- **SB 440**: Established the NH Department of Energy's Office of Offshore Wind Industry Development as the state lead on advising the NH Public Utilities Commission (PUC) on offshore wind.
- **SB 152**: Establishes a marine trades pathway for high school students enrolled in a regional career technology center by creating a committee and fund dedicated to technical education and workforce development in New Hampshire's offshore wind industry.



Federal Consistency and Geographic Location Description (GLD)

- Federal Consistency is a powerful tool!
 - Federal activities outside CZ not subject to federal consistency unless NH develops and NOAA approves a GLD.
1. A coastal *effects analysis* describing the reasonably foreseeable effects on state's costal resources and/or uses.
 2. A description of the specific geographic boundaries of the area outside the state coastal zone for which the GLD is sought.
 3. The specific federally permitted activities that are subject to federal consistency review within the GLD boundary.





NH Port Authority and Offshore Wind



NH Port Authority





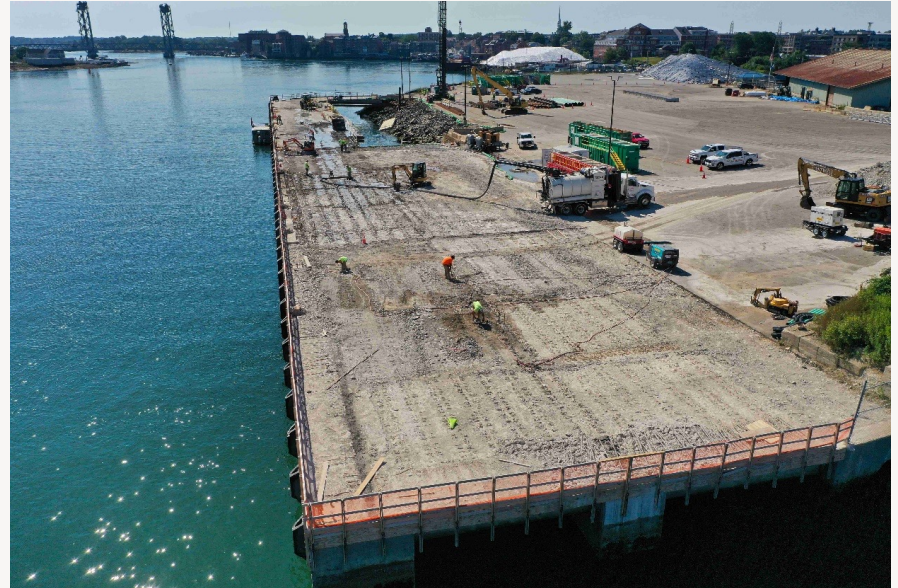
Terminal Post-Bridge Relocation (2018)



NH Port Authority

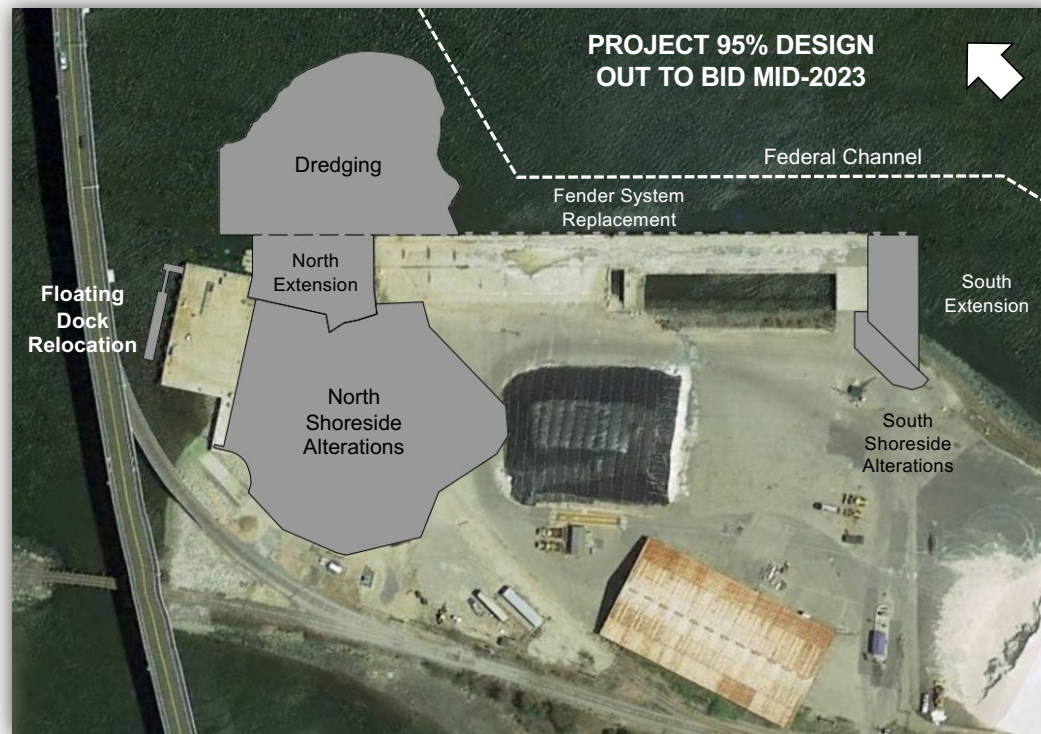


Main Wharf Rehabilitation (2022)



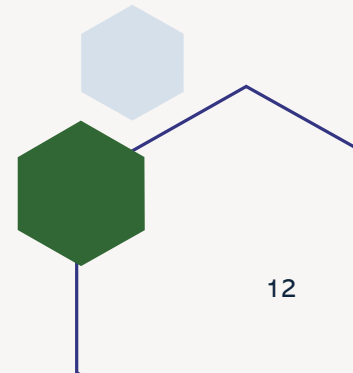


Functional Replacement Project

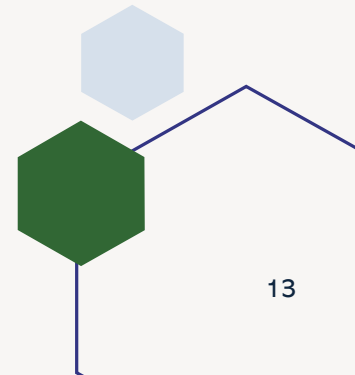
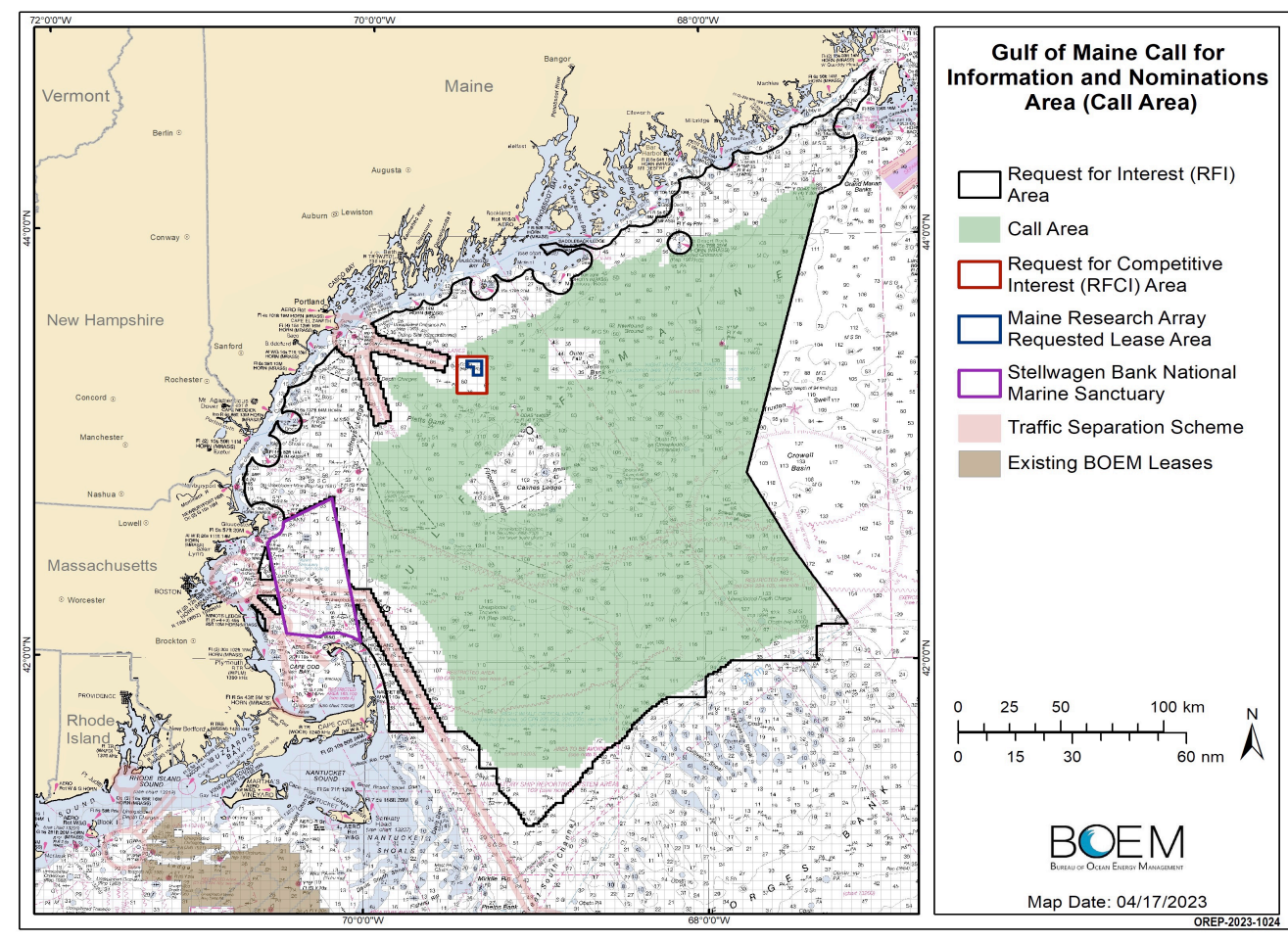


What's Next?

- An Offshore Wind Assessment Study report, finalized and released by June 30, 2023.
- The efforts to develop compensatory mitigation guidance will continue; two separate efforts, one lead by BOEM and one eleven-state effort being coordinated by the Special Initiative on Offshore Wind.
- Improvements to NH's Port Infrastructure – The NH Port Authority has five projects. The state is moving these projects forward as quickly as possible to ensure completion before construction of any offshore wind facilities in the Gulf of Maine begins.



The Winnowing of the Gulf of Maine Area Continues



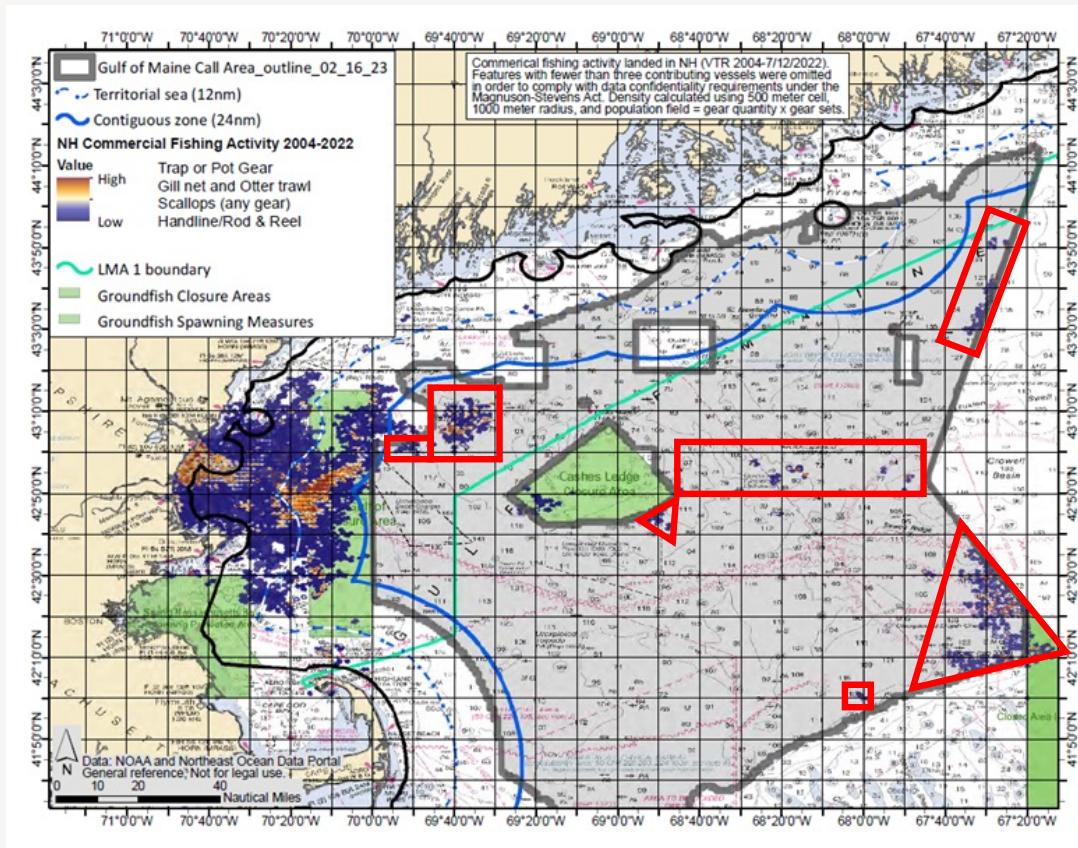
State of New Hampshire's Call Area Comments

- Specific and refined comments are difficult given size of the Call Area and the unknowns such as locations of transmission cables and offshore substations
- BOEM should exclude areas of current long-term surveys supplying datasets for species stock assessments.
- Comments regarding fisheries often focus on habitat and structure in the Gulf of Maine. A better understanding of any effects/impacts of any wind power development is needed to best avoid negative impacts to commercial and recreational fishing activities.
- Buffer areas around fishing footprints are needed as VTR data is a starting point of fishing activity and not an end point of fished gear.
- Areas to be excluded due to fishing footprint include unobstructed transit to fishing areas.



State of New Hampshire's Call Area Comments

- NH's recreational and commercial fishing footprint in the Gulf of Maine that will be requested to be excluded in the Call Area are shown in red highlighted areas below.



A decorative graphic on the left side of the slide consists of a cluster of hexagons. Some hexagons are solid colors (light blue, dark green, grey, dark blue), while others contain images: a misty forest, a mountain landscape with the text 'es.nh.gov', an interior view of a wooden structure, and a green field with a small pond. The hexagons are arranged in a roughly triangular shape pointing downwards.

Thank you!

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