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**NCTOWERS QUARTERLY MEETING**  
**THURSDAY FEBRUARY 1, 2024**

# *Update: Offshore Wind-Related Activities*

**JENNIFER MUNDT, ASSISTANT SECRETARY**  
**CLEAN ENERGY AND ECONOMIC DEVELOPMENT**



# Takeaways

1. Offshore wind is a reality in the U.S.
2. Commerce is working on multiple fronts to ensure that North Carolinians benefit from the growing offshore wind industry
3. You are a key part of North Carolina's clean energy future



<https://www.npr.org/2021/05/11/995852356/biden-administration-approves-first-major-offshore-wind-energy-project>

# Overview

- **Market roundup**
- **Federal activities**
  - Executing WH-Federal-State MOU
  - BOEM
    - Central Atlantic
    - "Central Atlantic 2.0"
- **State activities**
  - Radio Island FEIS
  - SMART-POWER study
  - OSW READY training
  - Carbon Plan update



# OSW Market Roundup

- **Good News**

- Fisheries Mitigation Program update
- NJ Awards Conditional Offers for 2.4GW and 1.3GW projects
- South Fork Wind off New York is 50% complete



# OSW Market Roundup

- **Good News**

- Fisheries Mitigation Program update
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- South Fork Wind off New York is 50% complete
- USDOT awards \$426M to California for OSW port infrastructure
- BOEM scheduled to hold four lease sales in 2024

- **Not-So Good News**

- Research shows OSW farms are vulnerable to cyberattacks
- Europe faces OSW supply chain challenges > US knock on
- MIT analysts predict 2024 “bumpy year” for OSW industry

# Federal Activities

## *WH Federal-State Partnership*

- **Executing on the MOU**
  - 9 states
  - 4 federal agencies
- **Updates**
  - NREL providing significant support
    - Focused gap analyses on (1) vessels and (2) coordinating regional procurement

MEMORANDUM OF UNDERSTANDING  
BY AND AMONG

THE UNITED STATES DEPARTMENT OF ENERGY,  
THE UNITED STATES DEPARTMENT OF THE INTERIOR,  
THE UNITED STATES DEPARTMENT OF COMMERCE, AND  
THE UNITED STATES DEPARTMENT OF TRANSPORTATION

AND THE STATES OF  
CONNECTICUT, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE,  
NEW JERSEY, NEW YORK, NORTH CAROLINA, AND RHODE ISLAND

DATED AS OF: SEPTEMBER 20, 2023

**Section I: Background**

The Federal-State Offshore Wind Implementation Partnership (“the Partnership”) was launched on June 23, 2022, and is a joint effort of the White House National Climate Advisor; the Secretaries of the Interior, Energy, Commerce, and Transportation; and the State Governors of California, Connecticut, Delaware, Louisiana, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, and Rhode Island. The Partnership represents a commitment by the White House, governors, and federal agencies to collaborate on expanding key elements of the offshore wind supply chain, from manufacturing facilities, to port capabilities, to workforce development.

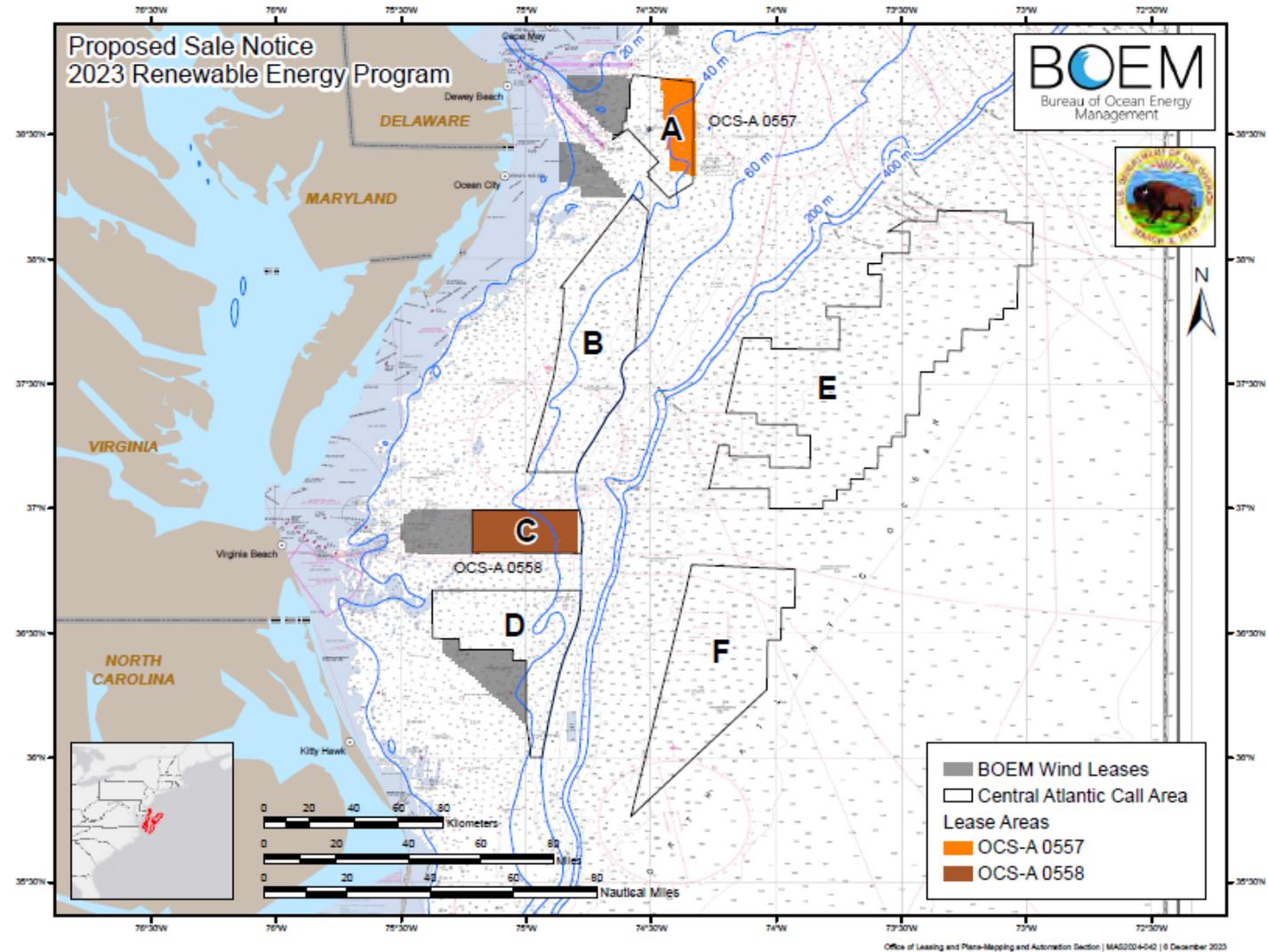
As part of the Partnership, a Supply Chain Working Group (“Working Group”) was formed to focus on regional collaboration among East Coast states for a coordinated, resilient, and sustainable offshore wind supply chain, ensuring environmental justice throughout. This Working Group has established common content definitions that can be referred to in offshore wind solicitations and has discussed various mechanisms for groups of states to work together and create more efficient regional offshore wind supply chains.

Regional collaboration on the offshore wind supply chain is advantageous for sector development, as states can benefit from one another’s manufacturing strengths and build a sustainable network. The aim is to enable a more efficient and sustainable supply chain, building

# Federal Activities *(cont'd)*

## *BOEM Updates*

- **Central Atlantic**
  - Proposed Sale Notice
  - Draft Environmental Assessment
- **"Central Atlantic 2.0"**



<https://www.boem.gov/renewable-energy/state-activities/map-both-lease-areas-nautical-background>

# State Activities

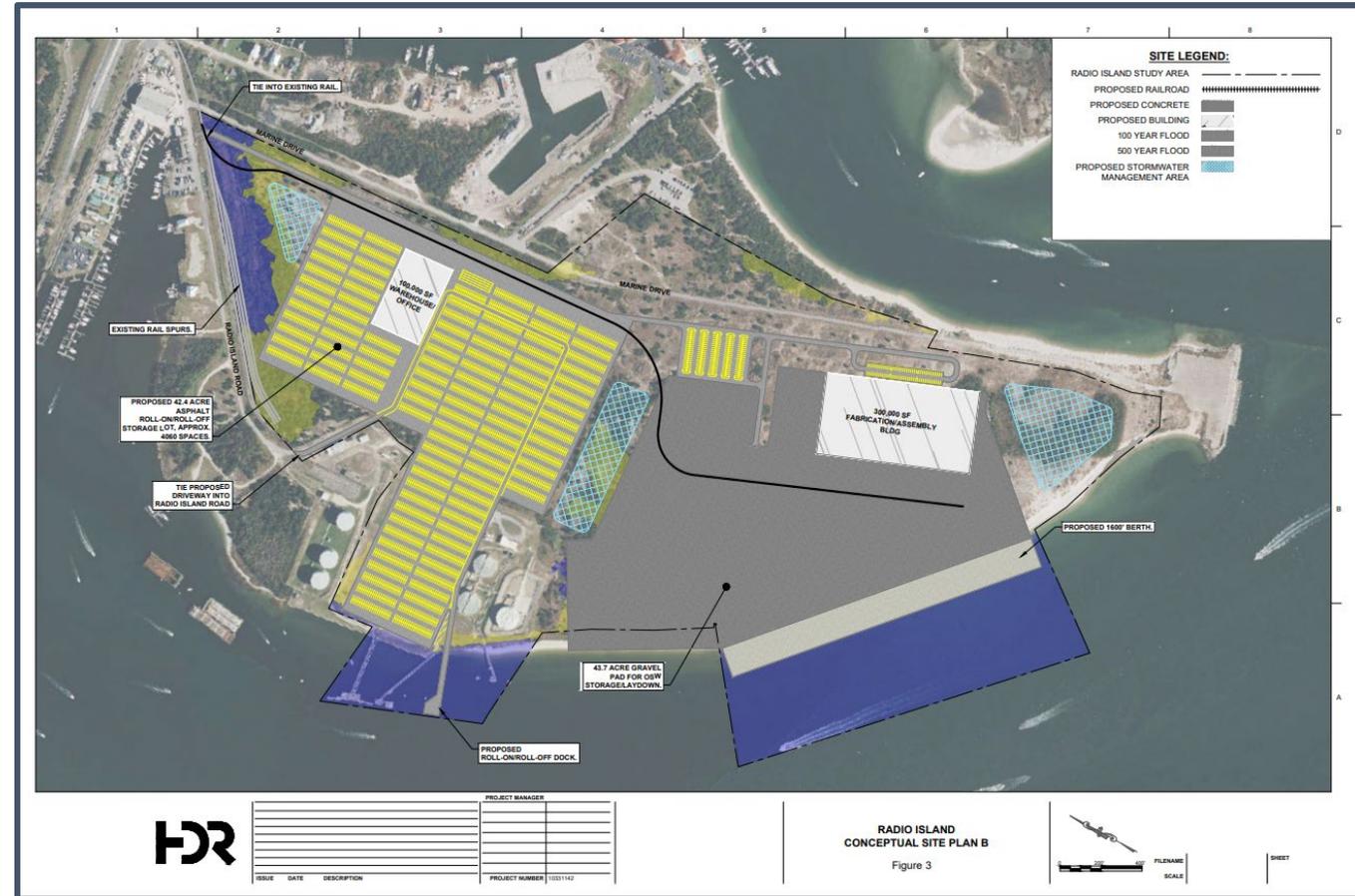
## *Radio Island Final EIS*

**11/20/23:** State & federal agency DEIS comment period closed

**1 /20/24:** FEIS to State Clearinghouse

**2/16/24:** Final review by State Clearinghouse

**Week of Feb 19:** Expect Record of Decision (ROD) issued



[https://ncports.com/wp-content/uploads/2023/10/NC-State-Ports-Authority\\_Radio-Island-Draft-EIS\\_2023\\_10\\_03.pdf](https://ncports.com/wp-content/uploads/2023/10/NC-State-Ports-Authority_Radio-Island-Draft-EIS_2023_10_03.pdf)

# State Activities *(cont'd)*

## *SMART-POWER Supply Chain and Workforce Analysis*

- **November 7, 2023:** NREL & States kick-off scoping meeting
- **Focus areas of supply chain analysis (+ case studies):**
  - Blades
  - Towers
  - Monopiles
- **Workforce skills assessment**
  - Place-dependent
  - Readiness of state, local, and regional zones



# State Activities *(cont'd)*

## *Speaking of Supply Chain & Workforce...*

- **Offshore Wind READY Training opportunity**
  - Tuesday Feb 27, from 10a-4p
- **It's FREE!**

OCEANTIC NETWORK

OffshoreWind**READY**

**MANUFACTURING**

**REGISTER TODAY**

The banner features a dark blue background with diagonal white stripes. The text 'OCEANTIC NETWORK' is in white, uppercase letters at the top. Below it, 'OffshoreWind' is in white, lowercase letters, followed by 'READY' in large, bold, white, uppercase letters. A light blue horizontal bar at the bottom contains the word 'MANUFACTURING' in white, uppercase letters. To the right of the banner is an orange vertical bar with the text 'REGISTER TODAY' in white, uppercase letters.

# State Activities *(cont'd)*

## *Carbon Plan Update*

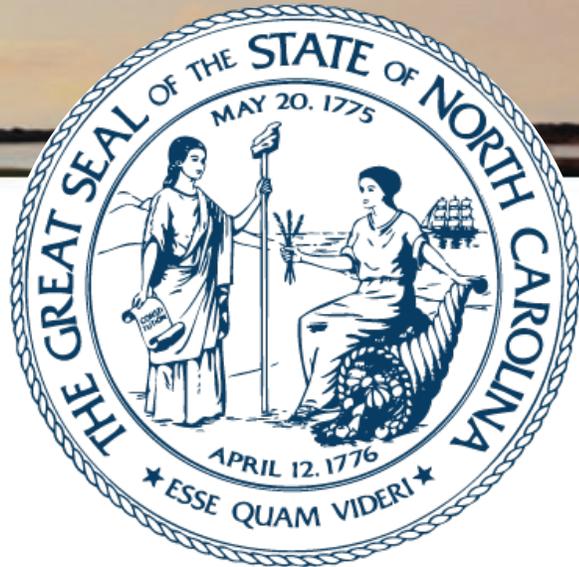
- **Duke Energy**
  - 11/20/23: Filed supplemental material to NCUC
  - 12/18/23: Filed need to conduct additional modelling/analyses
- **NC Utilities Commission**
  - 1/17/24: Directed Duke Energy to file supplemental modeling AND a portfolio that achieves 70% x 2030 by 1/31/24
- **Next Steps**
  - May 28: Intervenors file testimony and modeling
  - July 1: Duke files rebuttal testimony
  - July 22: Expert hearing begins
  - Dec 31: Deadline for NCUC to issue order

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*Questions and Contact Me!*

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