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NCTOWERS QUARTERLY MEETING
THURSDAY AUGUST 8, 2024

Update: Offshore Wind-Related Activities

JOHN HARDIN, EXECUTIVE DIRECTOR
OFFICE OF SCIENCE, TECHNOLOGY, AND INNOVATION

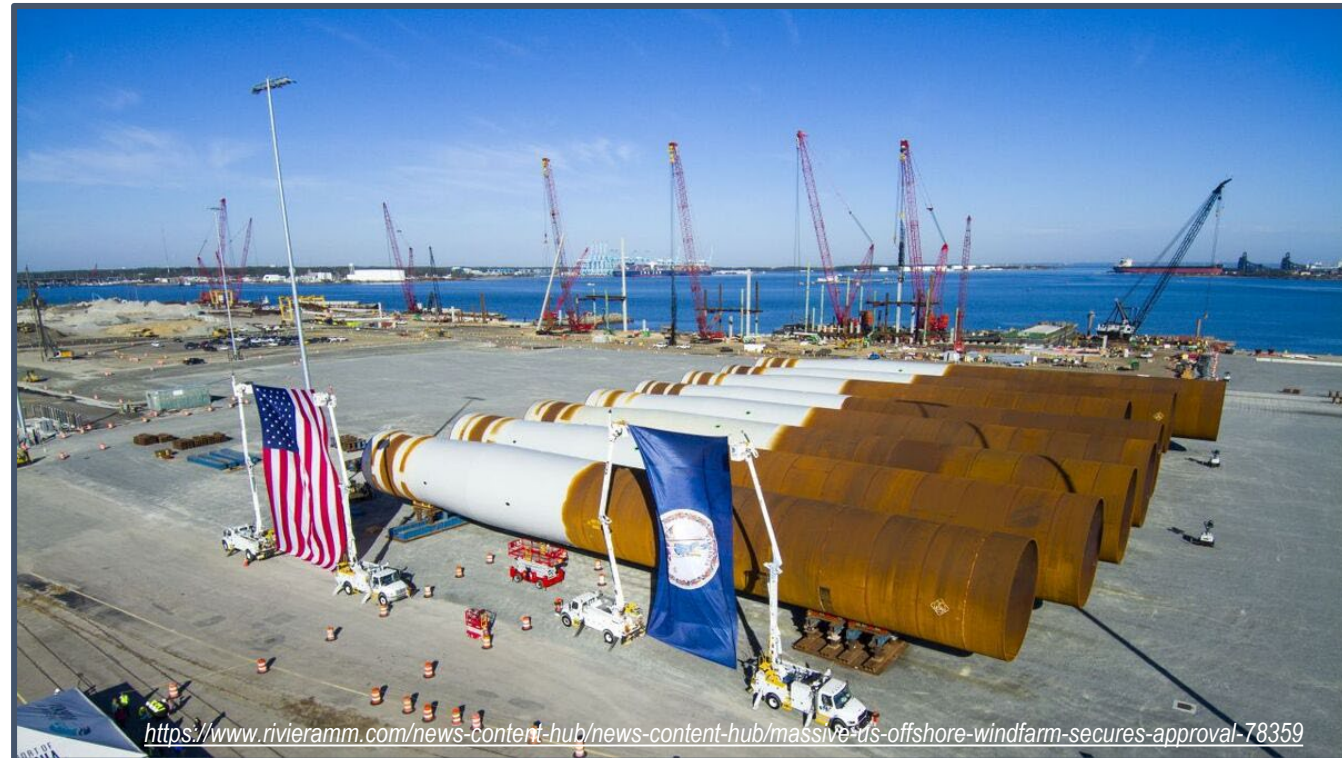


Remember Jennifer's Takeaways?

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



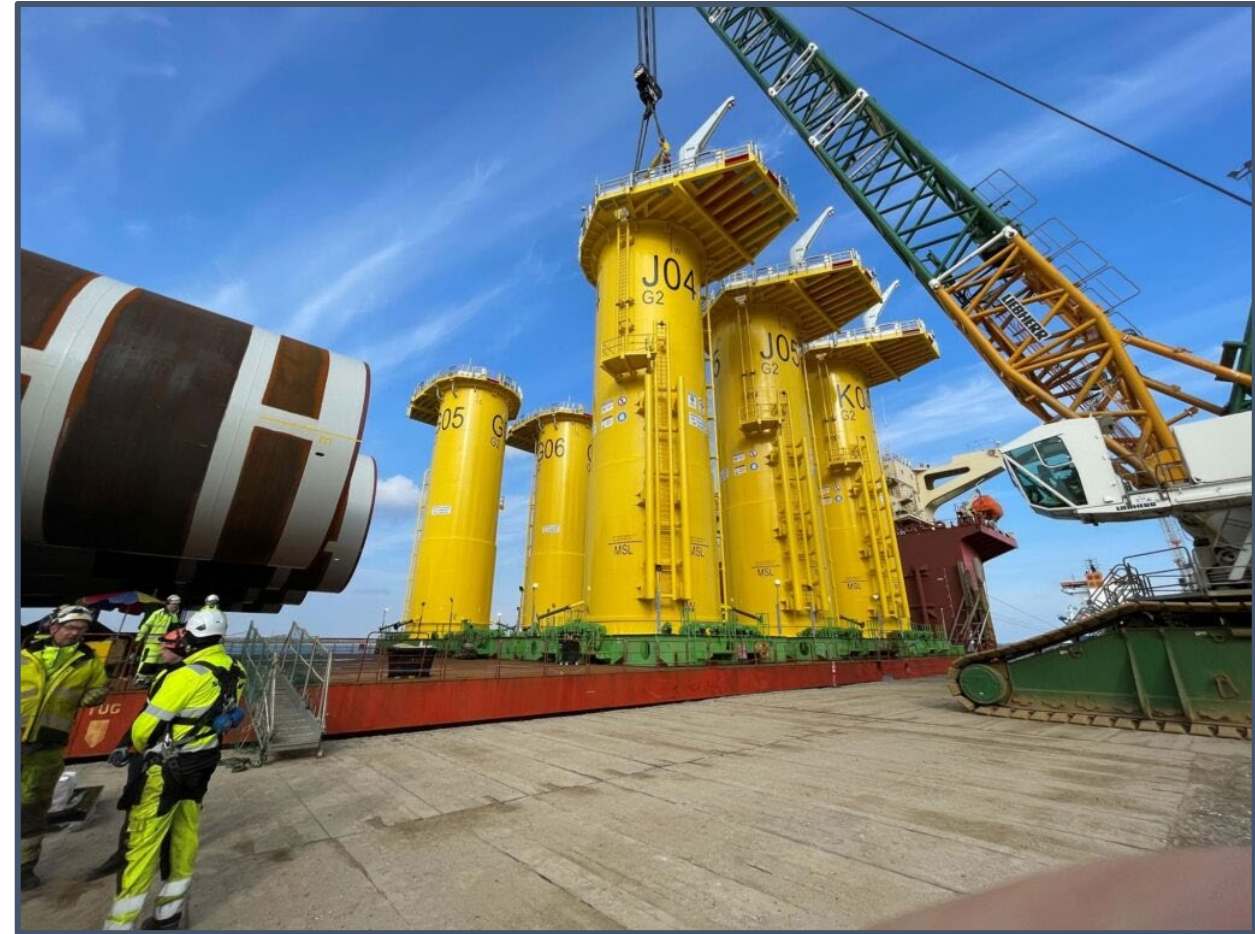
<https://www.offshorewind.biz/https://www.offshorewind.biz/2024/05/13/first-ever-sov-built-in-us-christened-in-louisiana>



<https://www.rivieramm.com/news-content-hub/news-content-hub/massive-us-offshore-windfarm-secures-approval-78359>

Overview

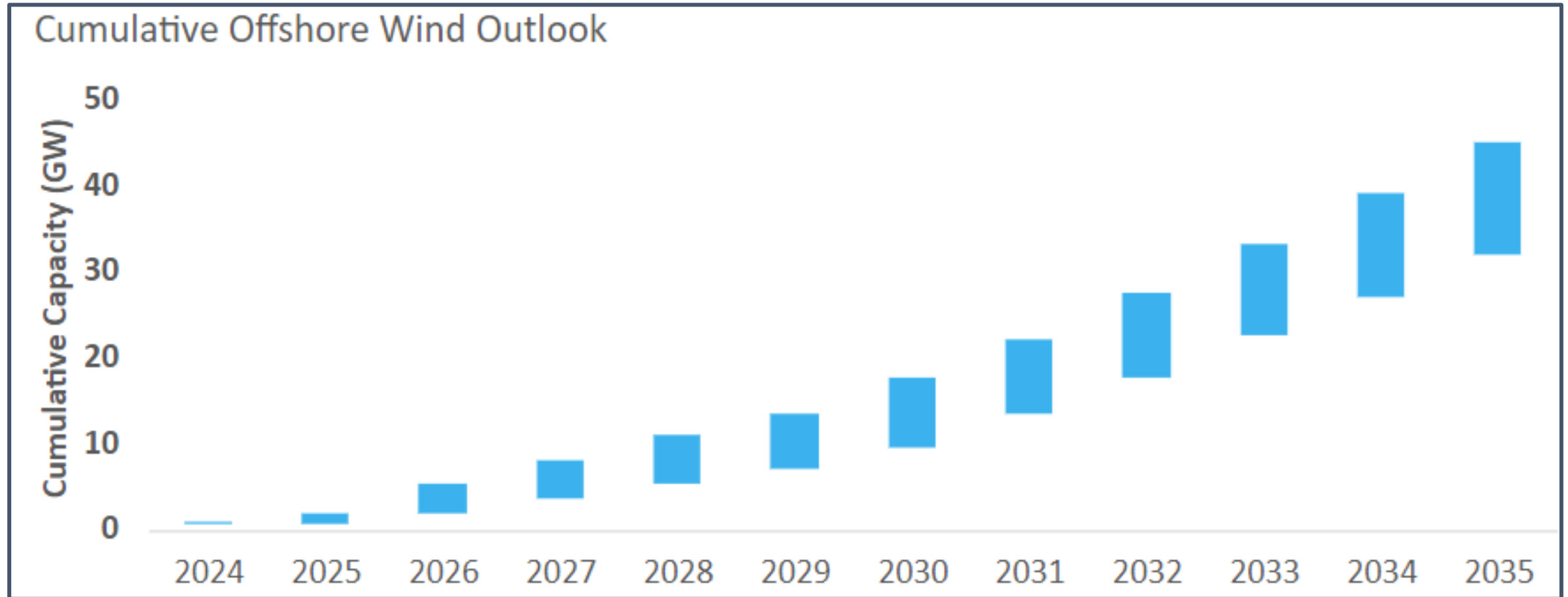
- **Market and Policy Updates**
- **Federal activities**
 - BOEM
- **State activities**
 - Dominion acquires Kitty Hawk North
 - Carbon Plan update
 - Get/Stay Involved!



https://www.virginiabusiness.com/article/clear-waters/?utm_medium=email; <https://www.offshorewind.biz/2024/04/29/first-coastal-virginia-transition-pieces-begin-journey-to-us/>

OSW Market & Policy Update

Good News: *“Offshore Wind Momentum Grows”*



<https://cleanpower.org/news/offshore-wind-to-invest-65-billion-and-create-56000jobs-by-2030/>

OSW Market & Policy Update *(cont'd)*

Good News:
In NY,
construction
begins on
Sunrise Wind &
groundbreaking
for new OSW
marine terminal

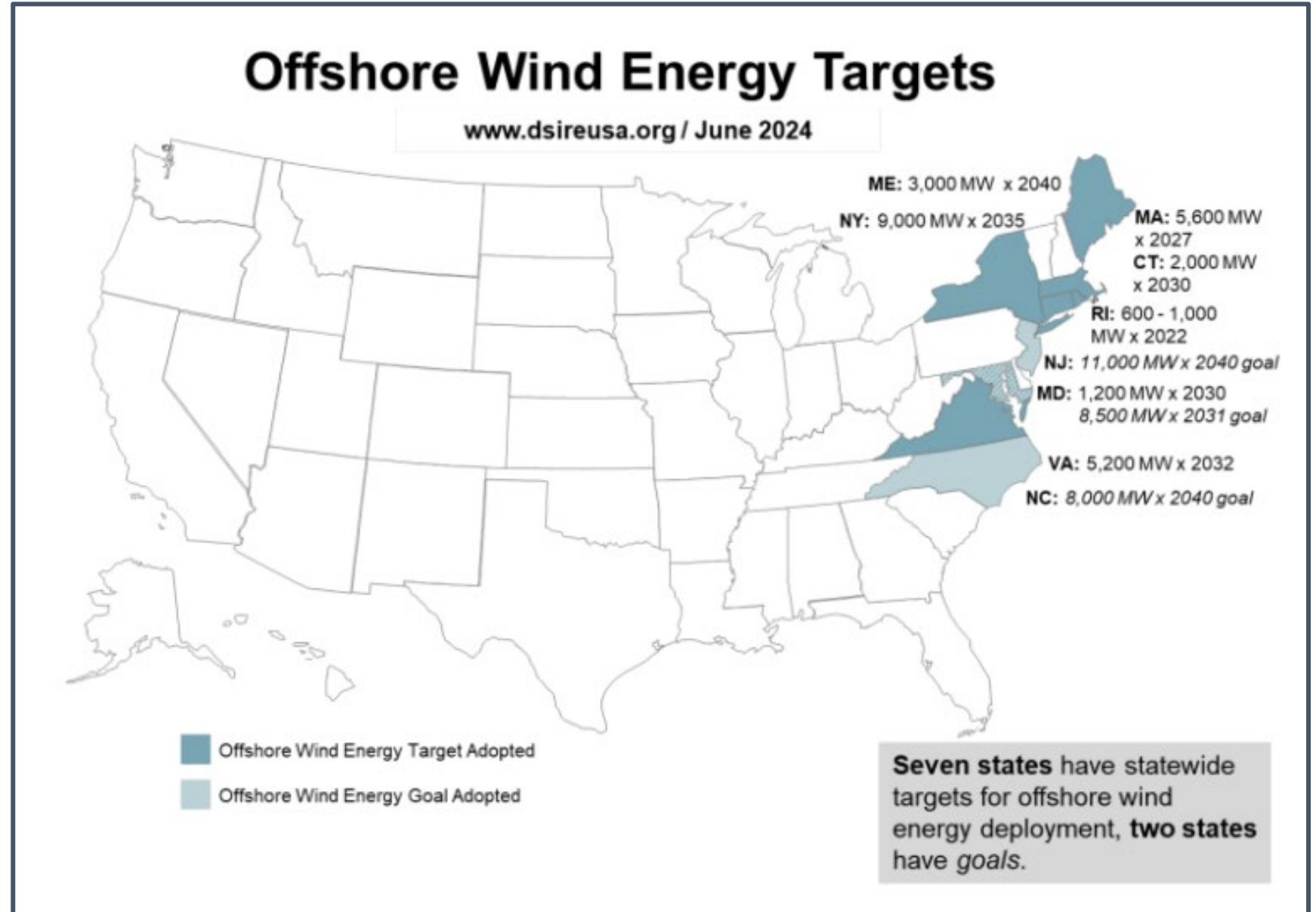


<https://tbrnewsmedia.com/wind-farm-project-to-revolutionize-long-islands-energy/>

OSW Market & Policy Update *(cont'd)*

Good News:
California and Delaware establish offshore wind commitments

<https://www.utilitydive.com/news/california-puc-offshore-wind-procurement-utility/722215/>;
<https://legis.delaware.gov/BillDetail?LegislationId=141232>;
<https://nccleantech.ncsu.edu/2024/06/28/offshore-wind-energy-targets-added-to-dsire/>;



OSW Market & Policy Update *(cont'd)*

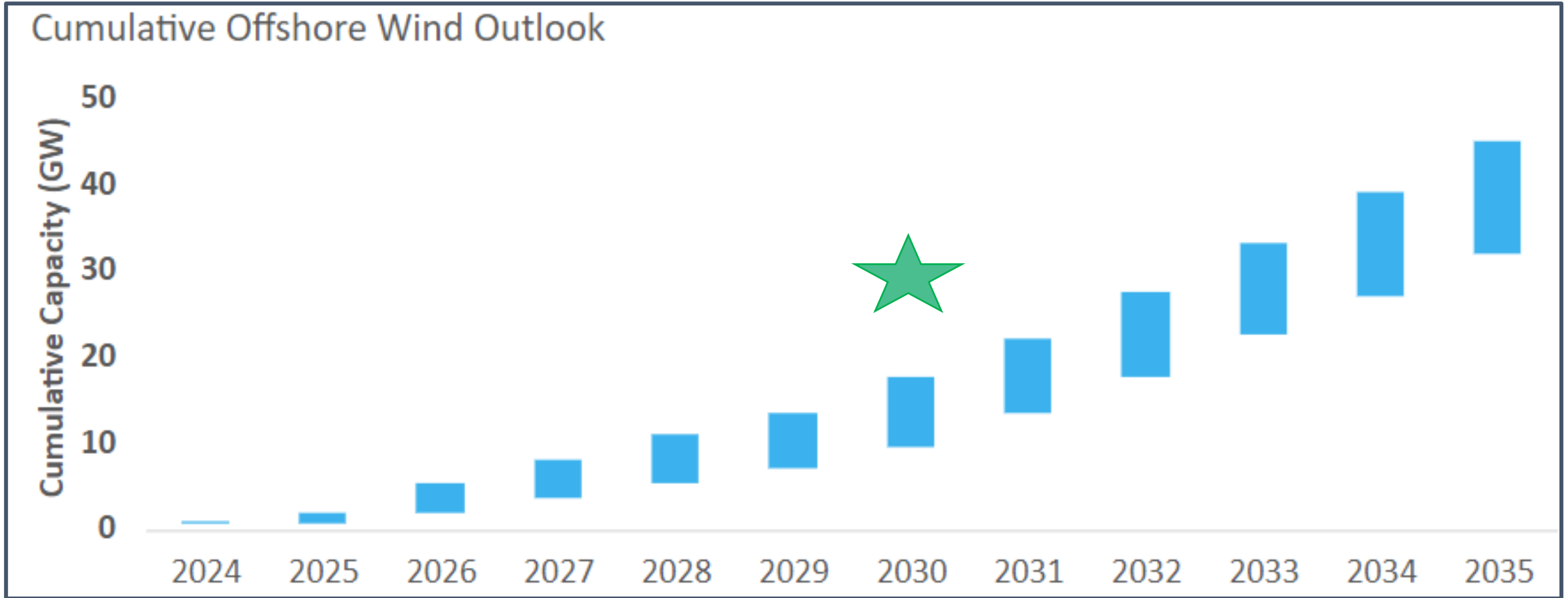
Good News:
Critical supply chain
announcement in
the region



<https://www.offshorewind.biz/2024/07/10/ls-cable-system-to-build-largest-us-subsea-cable-factory-in-virginia/>

OSW Market & Policy Update *(cont'd)*

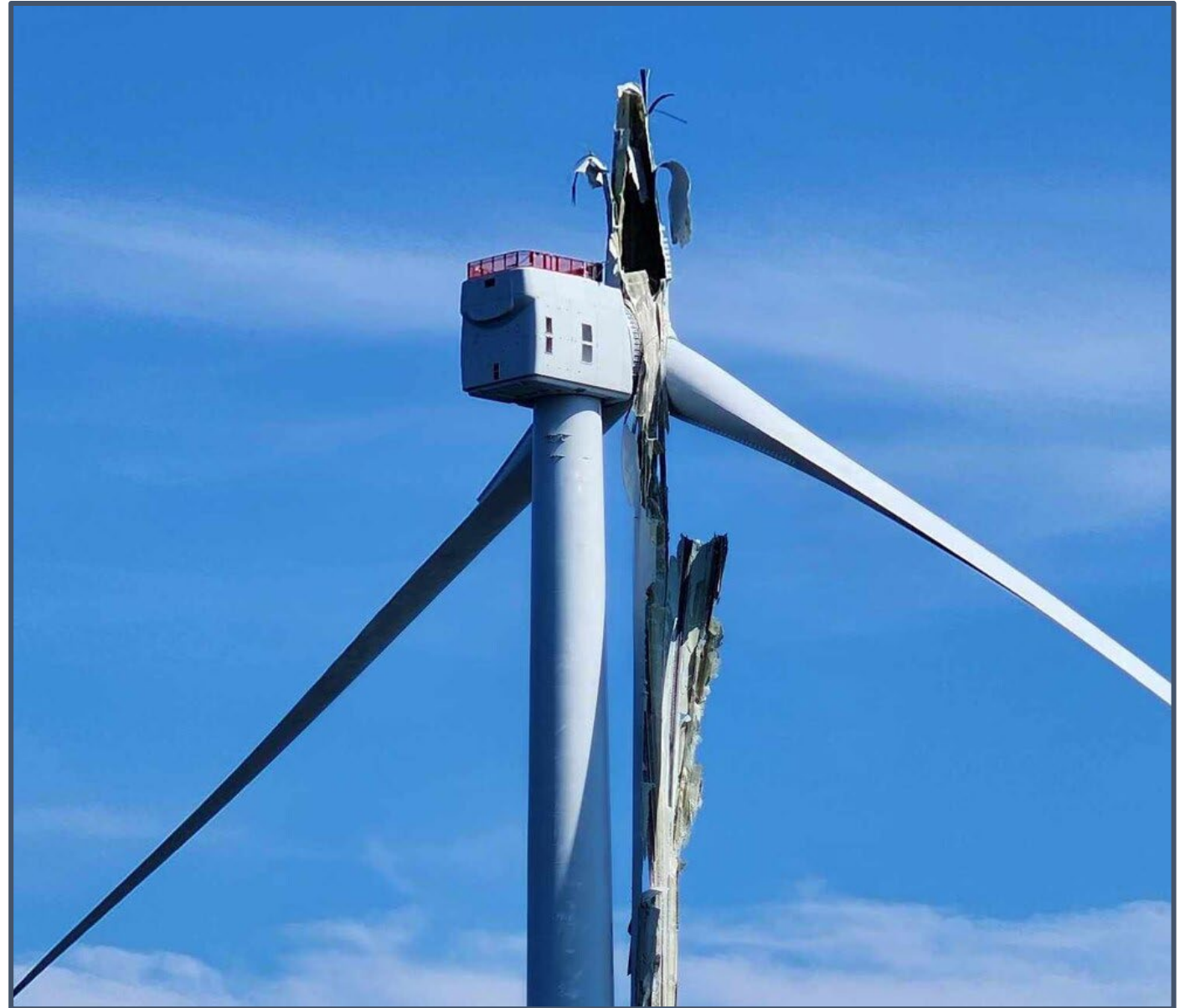
Not So Good News: 30x30 unattainable



<https://cleanpower.org/news/offshore-wind-to-invest-65-billion-and-create-56000jobs-by-2030/>

OSW Market & Policy Update *(cont'd)*

Not-So Good News:
Suspected
“manufacturing
deviation” led to
damaged blade at
Vineyard Wind project
off Massachusetts



<https://nantucketcurrent.com/news/ge-blames-manufacturing-deviation-for-turbine-blade-failure-off-nantucket>

Federal Activities

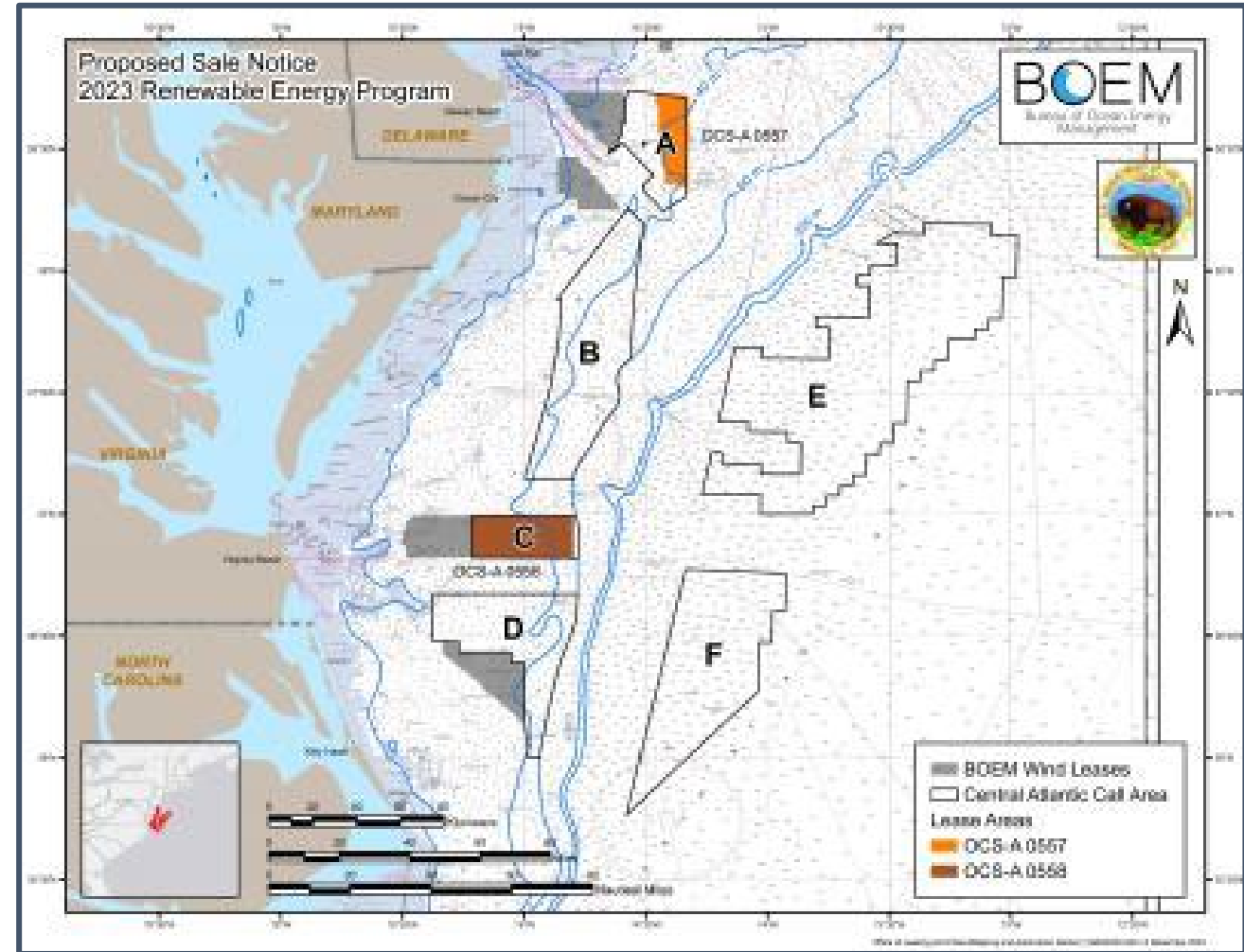
BOEM Updates

Central Atlantic 1

Auction August 14

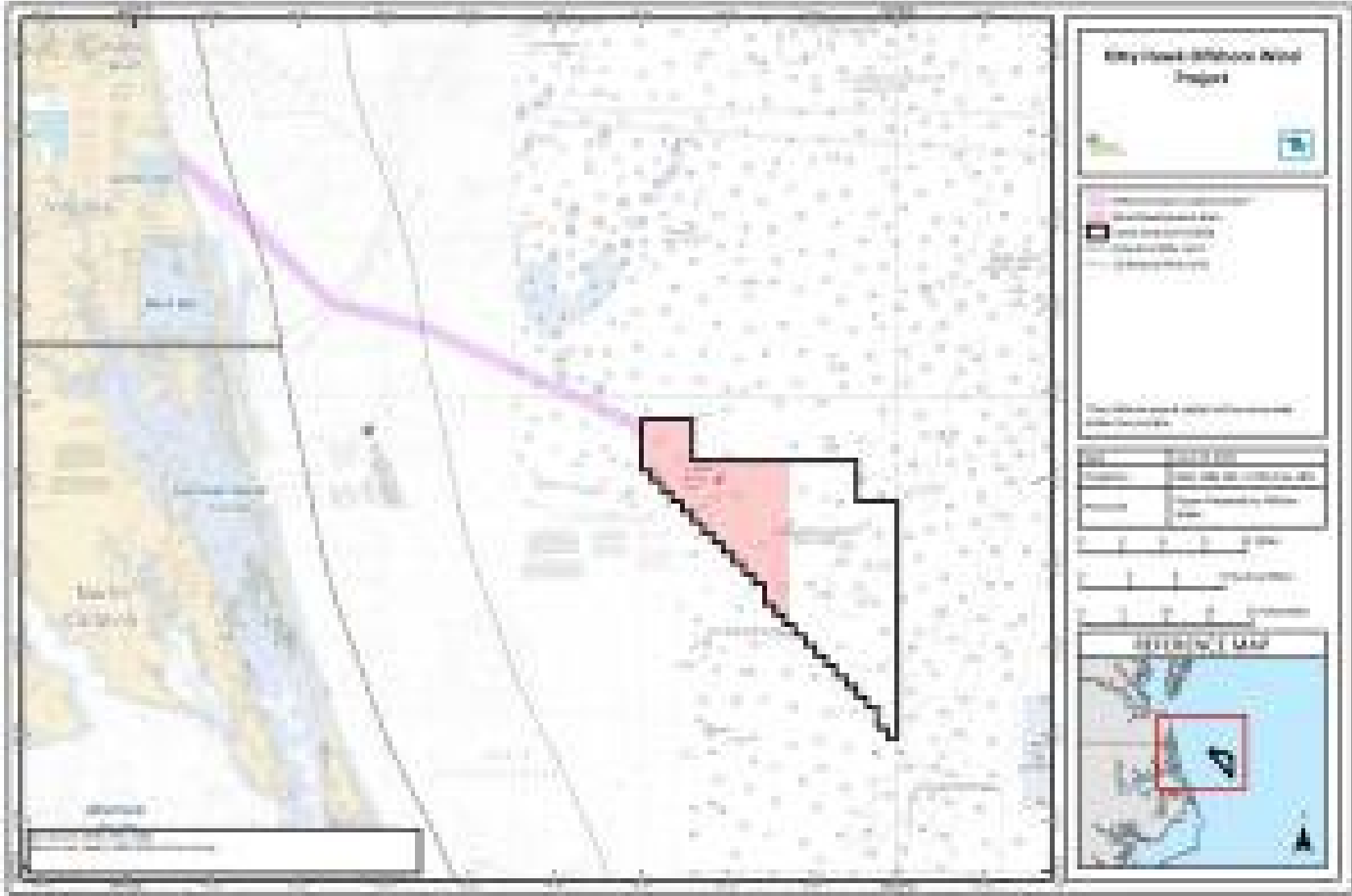
Central Atlantic 2

- Fall 2024
- Convene Federal/State renewable energy task force
- Public meetings in each state



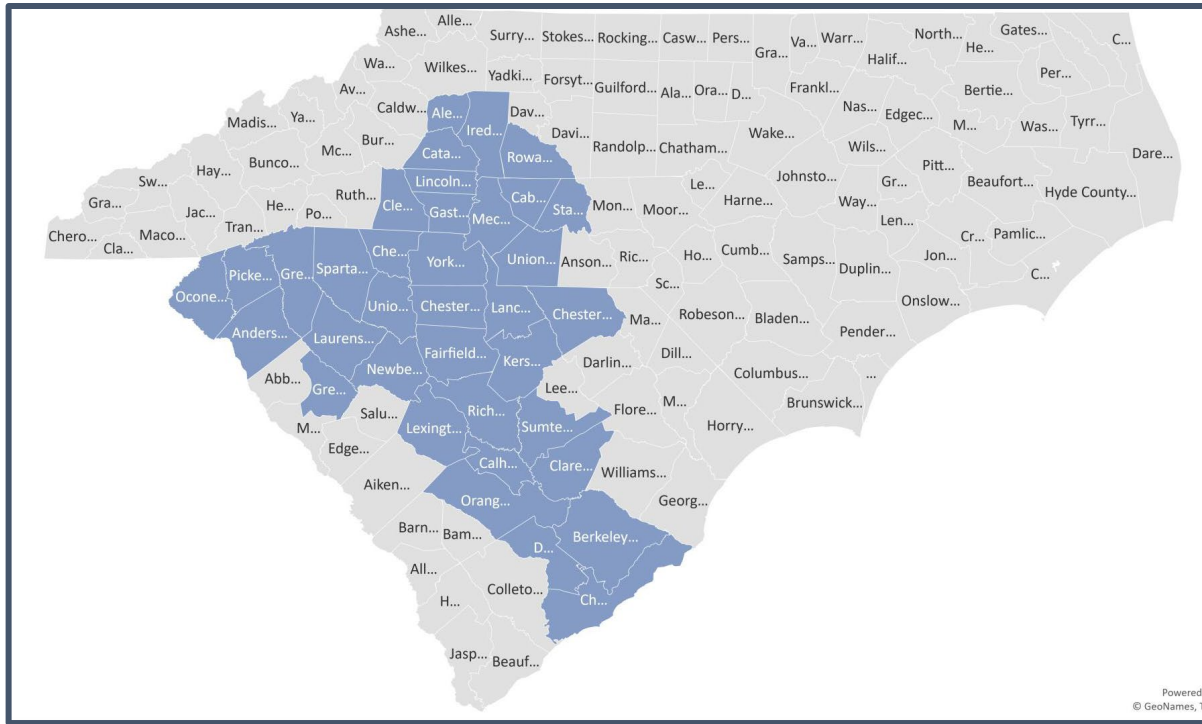
State Activities

**Dominion
Energy
acquired Kitty
Hawk North
from
Avangrid,
now
“CVOW-
South”**



State Activities *(cont'd)*

- Carbon Plan proceedings
- CLEANcarolinas submitted preliminary proposal to NSF



NORTH CAROLINA
DEPARTMENT of
COMMERCE

Roy Cooper
GOVERNOR

Machelle Baker Sanders
SECRETARY

May 22, 2024

North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300
Delivered by email: statements@ncuc.net

Re: Docket No. E-100, Sub 190, In the Matter of Biennial Consolidated Carbon Plan and Integrated Resource Plans of Duke Energy Carolinas, LLC and Duke Energy Progress, LLC, Pursuant to N.C.G.S. § 62-110.9 and § 62-110.1(c)

Dear Commissioners,

As chair and on behalf of the North Carolina Taskforce for Offshore Wind Economic Resource Strategies ("NC TOWERS" or "Taskforce"), I submit this Consumer Statement regarding Docket No. E-100, Sub 190. Providing increased certainty of North Carolina's path to achieving a 70% reduction in power sector carbon emissions by 2030 and carbon neutrality by 2050 will create economic opportunities for the people and businesses in our state.

North Carolina has access to an ever-increasing range of clean energy resources, including solar, storage, onshore and offshore wind. The North Carolina Utilities Commission ("Commission") has the authority to demonstrate a commitment to these clean energy resources and to a modern electric grid to ensure their full integration. Offshore wind is a reliable, zero-emissions energy resource with operating characteristics (e.g., high-capacity factor and night and daytime generation) that pair exceedingly well with solar and storage – the development of which the Commission has already directed.

The Taskforce is expressly interested in the expansion of clean energy, particularly offshore wind, as this resource has the potential to unlock significant economic investment and job creation opportunities throughout the entire State. The Taskforce and the Department of Commerce ("Commerce" or "Department") are aware that industry leaders are awaiting a final order from the Commission before they make decisions on clean energy

State Activities *(cont'd)*

Stay/Get Involved!

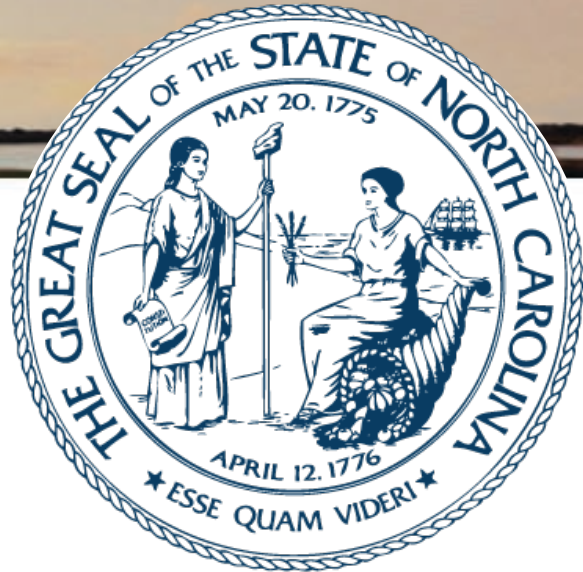
- *Reuters Offshore Wind 2024, June*
- **NCWorks Partnership Conference**
October 9-11, Greensboro
- **ACP Offshore Wind 2024**
October 28-30, Atlantic City, NJ
- **NC Beach, Inlet, and Waterway Annual Conference**
November 18-19, Wilmington
- **Oceantic's Offshore Wind Ready Training IN PERSON!**
October 17, McKimmon Center, Raleigh

Takeaways

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



https://www.energy.gov/eere/wind/articles/new-study-finds-widespread-employment-benefits-wind-energy?utm_medium=email&utm_source=govdelivery



commerce.nc.gov

Questions?

Contact Jennifer!

JENNIFER MUNDT

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