

# SUPPORT OFFSHORE WIND IN VIRGINIA



**SOUTHEASTERN**  
WIND COALITION

## Virginia Must Act

Virginia must continue offshore wind momentum by pursuing the following commitments

1. Full development of the 5200MW of offshore wind included in the Virginia Clean Economy Act (VCEA)
2. Fully fund and ensure a timely and transparent hiring process for the newly created Division of offshore wind
3. Pursue upgrades to Portsmouth Marine Terminal with the \$40M investment from the state budget
4. Development of workforce training and education programs - focus on crossover industry training, utilization of existing maritime workforce, and employment of people from marginalized communities



## Offshore Wind Lease Areas on the East Coast

## Significant Competition with Other States

This new industry brings with it the opportunity for billions of dollars in economic investment and development through the newly forming supply chain. To recruit these facilities, other East Coast states are already declaring procurement goals and awarding contracts for offshore wind projects:

New York - 9,000 MW	Rhode Island - 400 MW
New Jersey - 7,500 MW	Maryland - 1,400 MW
Massachusetts - 2,400 MW	Connecticut - 2,000 MW

The Commonwealth must act soon to encourage further offshore wind development off the Virginia coast or risk missing out on this industry.

## ECONOMIC IMPACT POTENTIAL <sup>3</sup>

- ✓ Virginia jobs: over 4,300
- ✓ Economic benefit: \$640 million

## Policy Progress

- Dominion Energy Coastal Virginia Offshore Wind Project (CVOW) approved in the 2018 GTSA Bill
  - Two 6 MW Siemens Gamesa turbines installed will be producing clean energy by Fall 2020 - the first ever in the U.S. Federal waters
  - Research lease brings together hundreds of public and private institutions to understand new facets of offshore wind in the U.S.
- Virginia Clean Economy Act (VCEA) passed in March 2020
  - Build 5200MW of offshore wind by 2035
  - By 2028, Dominion will build between 2500MW - 3000MW within their currently leased wind energy area
  - VCEA requires the employment of local workers, especially those from historically marginalized communities
  - VCEA contains language to ensure cost effective projects

## Virginia Has Advantages, But More Must be Done

Virginia Offshore Wind Roadmap: Significant economic opportunity but more to be done

### VIRGINIA HAS UNPARALLELED ASSETS

- ✓ No overhead restrictions between ports and project sites
- ✓ Deep channels that mitigate shipping congestion
- ✓ Significant available acreage directly on the water
- ✓ Best state on the east coast for business<sup>2</sup>
- ✓ Highly skilled maritime workforce

### Economic Development in Action

- Siemens Gamesa is 'actively considering' Hampton Roads for a blade facility, which would result in approximately 750 jobs - Locating any part of the offshore wind supply chain in Virginia will mean millions in capital investment and a large ecosystem of co-located suppliers
- Ørsted could lease up to 40-acres at Portsmouth Marine Terminal, worth ~\$13M to the port, and could come with more than \$20M in private investments at the port

## Statewide Support

### Business Community:

- Hampton Roads Chamber of Commerce
- Virginia Maritime Association
- Virginia Ship Repair Association
- Port of Virginia
- Colonna Shipyard
- Reinvent Hampton Roads
- The Hampton Roads Alliance
- Virginia Peninsula Chamber of Commerce
- Virginia Chamber of Commerce

### Tourism:

- Virginia Beach Hotel Association
- Virginia Beach Restaurant Association
- Virginia Beach Resort Advisory Commission
- Business Alliance to Protect the Atlantic

### Public Sector:

- City of Virginia Beach
- City of Norfolk
- City of Hampton
- Hampton Roads Planning District Commission
- Northern Virginia Regional Commission
- Old Dominion University
- Tidewater Community College

<sup>1</sup>The Virginia Advantage

<https://static1.squarespace.com/static/5b3cf461d274cb109aa488d8/t/5c23e225562fa7be221fe841/1545855531929/BVGA-20802-Report-r2-final-20181227.pdf>

<sup>2</sup>CNBC "Top States for Business" Rankings, 2018 <https://www.cnbc.com/2018/07/10/americas-top-states-for-business-2018.html>

<sup>3</sup>Offshore Wind: Generating Economic Benefits on the East Coast, BW Research, pg. 7 <https://www.e2.org/wp-content/uploads/2018/08/E2-OCS-Report-Final-8.30.18.pdf>