

# SUPPORT OFFSHORE WIND IN VIRGINIA



**SOUTHEASTERN**  
WIND COALITION

## Virginia Must Continue to Lead

The Commonwealth must continue to invest and take bold steps to encourage further offshore wind development off the Virginia coast or risk missing out on the full industry opportunity.



**EXISTING 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 through the newly forming U.S. 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

## Policy Progress

- Dominion Energy & Ørsted's Coastal Virginia Offshore Wind Project (CVOW) "in the public interest" in the 2018 GTSA bill
  - Two 6-MW Siemens Gamesa turbines installed and in full commercial operation in 2020 - the first ever in U.S. federal waters
  - Only research lease in the country
- Virginia Clean Economy Act (VCEA) passed in March 2020
  - 100% carbon-free electricity by 2050
  - 5,200 MW of offshore wind by 2035

## ECONOMIC IMPACT POTENTIAL

- ✓ Virginia jobs: 5,200 direct & indirect jobs annually per GW of wind development
- ✓ Economic benefit: \$18 million in tax revenue per GW of wind development

- By 2028, Dominion will build between 2,500 MW - 3,000 MW 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 To Be Done

In addition to policy, the Commonwealth has taken many important steps towards leadership in the industry, but continued progress will be key in securing Virginia as a premier hub for offshore wind.

## VIRGINIA OFFSHORE WIND INITIATIVES

- Port Evaluation and Readiness Evaluation conducted by the Department of Mines, Mineral, and Energy and BVG Consulting assessed the capabilities of 10 Virginia ports, finding that existing infrastructure supports an offshore wind buildout
- Old Dominion University-led executive committee (EXCOM), which serves as a working group for Virginia's offshore wind industry
- Creation of the Division of Offshore Wind, centralizing the state's efforts in pursuing the industry
- \$40M investment to pursue upgrades to the Portsmouth Marine Terminal to support offshore wind manufacturing, operations and maintenance
- Home to the new Mid-Atlantic Wind Training Alliance, offering onshore and offshore wind technician education
- Bi-partisan partnership with Maryland and North Carolina in the SMART-POWER initiative, focused on coordinating efforts to attract new manufacturing, reduce regulatory hurdles, and share best practices

## ECONOMIC DEVELOPMENT IN ACTION

- Siemens Gamesa is 'actively considering' Hampton Roads for a blade manufacturing 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 potentially lease up to 40-acres at Portsmouth Marine Terminal, worth ~\$13M to the port, and could come with more than \$20M in additional private investments

## VIRGINIA HAS UPARALLELED ASSETS

- ✓ No overhead restrictions between ports and project sites
- ✓ Shipping channels that mitigate vessel congestion
- ✓ Significant available acreage directly on the water
- ✓ Best state on the east coast for business
- ✓ Highly skilled maritime workforce

## Statewide Support

Organizations across the Commonwealth recognize the economic opportunity of offshore wind and have formally supported the burgeoning industry.

### Tourism:

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

### Public Sector:

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

### Business Community:

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

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