

HAMPTON ROADS ALLIANCE OFFSHORE WIND

Growing the Virginia Supply Chain.



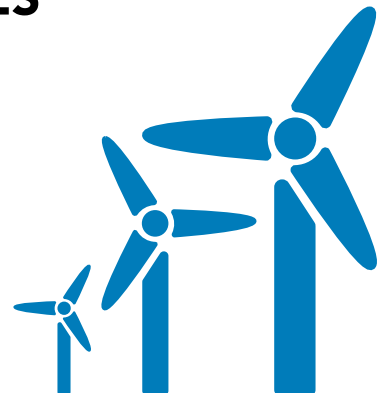
Hampton Roads, Virginia, home to more than 1.8 million people, is the largest metropolitan area between Washington D.C. and Charlotte, North Carolina. The region contains the world's largest Naval base, the world's largest natural deepwater harbor, and is adjacent to the first fully operational wind power project in U.S. federal waters.

Strategically located in the center of the United States east coast, Hampton Roads boasts a convenient and accessible network of transportation infrastructure. This includes the acclaimed Port of Virginia, two international airports, a robust highway network, and two Class I rail services, providing companies with multiple options for moving people and goods.

These geographic assets are coupled with a stable business climate, uniquely qualified maritime workforce, and unparalleled quality of life, making Hampton Roads the right choice for offshore wind companies.

VIRGINIA'S ADVANTAGES

- Unmatched Port Infrastructure
- High Quality Maritime Workforce
- America's Largest Shipbuilding Industry
- Strategic Geographic Location
- Abundant Waterfront Land & Infrastructure
- Pro-business Climate



INDUSTRY PARTNERS



Actions Speak Louder



TALENT & EDUCATION

Ranked No. 2 in the U.S. for Education and No. 3 for Workforce by CNBC, Virginia is home to a maritime workforce of over 34,000 - more than Maryland, North Carolina, New Jersey, New York, Connecticut, Rhode Island, and Massachusetts combined - and a strong manufacturing base employing nearly 240,000. The offshore wind industry can draw talent from thousands of service members who exit the military in Virginia every year, and the state's growing workforce and excellent school systems ensure a steady flow of new talent.

VIRGINIA TALENT ACCELERATOR

The Virginia Talent Accelerator Program provides world-class training and recruitment solutions that are customized to a company's unique operations, equipment, standards and culture. All services are provided at no cost to qualified new and expanding companies as an incentive for job creation.

MID-ATLANTIC WIND TRAINING ALLIANCE

The Mid-Atlantic Wind Training Alliance is Virginia's first training alliance dedicated to offering a full suite of wind energy-related training with Virginia locations in Hampton Roads and Martinsville. The Alliance was created by the New College Institute, Centura College, and the Mid-Atlantic Maritime Academy, and supports offshore and onshore wind projects in Virginia and the U.S. Mid-Atlantic region, with the New College Institute serving as the host institution.

Course offerings include a wide variety of wind energy-related disciplines and programs that range from preparing students for a particular certification to a year-long wind turbine technician program. The courses are certified by the Global Wind Organization and the National Center for Construction, Education, and Research.

#1

Best State for
Higher Education
Smartasset, 2021

#1

Best Public Schools
in the South
WalletHub, 2021

#3

Top State for
Business - Workforce
CNBC, 2021

COMMITMENT TO RENEWABLE ENERGY

Virginia is rapidly becoming a leader in renewable power through bold commitments in the Virginia Clean Economy Act, legislation enacted in 2020, which supports the growth of the offshore wind industry and associated supply chain businesses. The legislation sets renewable portfolio standards and promotes the development of 5.2 gigawatts of offshore wind generation by 2034.

Offshore
Wind Power

Leader* in the US

*MW in 2035

#4

AN OFFSHORE WIND ECOSYSTEM

Virginia's vibrant industrial ecosystem provides an ideal home for the burgeoning offshore wind industry as it rapidly expands power generation capacity off the East Coast. Manufacturers, suppliers, and service providers in Virginia benefit from the presence of military installations, federal research assets, and a robust maritime industry with major port, naval, and shipbuilding operations.



Dominion Energy built the first two wind turbines in federal waters in 2020, delivering power to the grid in the pilot phase of the [Coastal Virginia Offshore Wind](#) project. The commercial phase of the CVOW project will be complete in 2026. It will create about 900 jobs during construction and 1,100 permanent jobs.



Located off the coast of North Carolina, but constructed and supported from Hampton Roads, Avangrid Renewable's [Kitty Hawk Offshore Wind](#) project will generate 2,500 megawatts of power. It will create roughly 800 construction jobs and 930 permanent jobs.



The Port of Virginia, which is only 2.5 hours from open sea, features unrestricted ocean access, navigational flexibility, and deep, wide channels free of overhead obstructions, allowing easy passage of large and upright cargo. After completion of a [\\$1.5 billion](#) project in 2024, it will be the deepest port on the East Coast and one of the most advanced in the world.



Siemens Gamesa Renewable Energy will establish the country's first offshore wind turbine blade facility in Portsmouth. It will create [310 new jobs](#), with a [\\$200 million](#) investment.



Global offshore wind developer, Orsted, secured [40 acres](#) at Portsmouth Marine Terminal as a long-term option to service East Coast offshore wind projects.



The Virginia Offshore Wind Landing, with over [20 member companies](#), is a collaborative space meant to foster the growth of Hampton Roads and Virginia as an innovation and [supply chain hub](#) of the offshore wind industry.

READY TO WORK

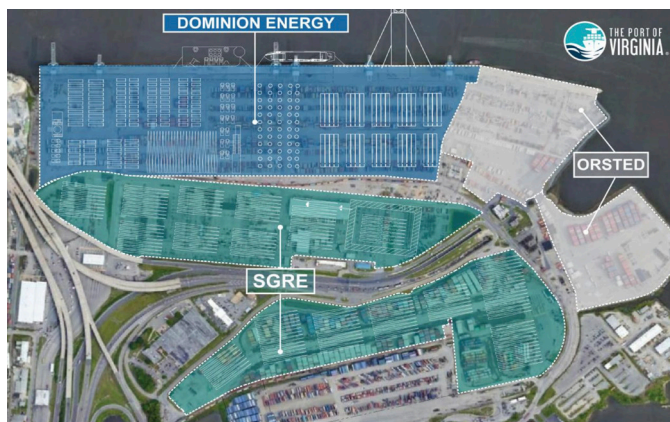
The Virginia coastline is geographically rich, with many waterfront industrial properties for development and redevelopment. This region is home to shipbuilding and repair docks of Huntington Ingalls Industries, BAE Systems, General Dynamics - NASSCO, Colonna's Shipyard, MHI Ship Repair and Services, and Lyon Shipyard. Over 50 privately-owned port facilities in the Hampton Roads harbor provide specialized services, handling a diverse array of dry and liquid bulk and breakbulk cargo.

The Hampton Roads metro area has the largest percentage of the maritime workforce in the United States. Home to the largest military shipbuilding company in the world, Huntington Ingalls Industries, and an infrastructure designed to move aircraft carriers through our deep bodies of water, there is no other area on the east coast that is more capable of servicing the offshore wind supply chain.

A variety of industrial sites are available to host offshore wind supply chains, some of which are ranked among the most highly suited sites in the country for the construction of turbines, blades, and foundations. Numerous sites offer existing quayside infrastructure with large acreage, deep channels, and unobstructed access to open sea.

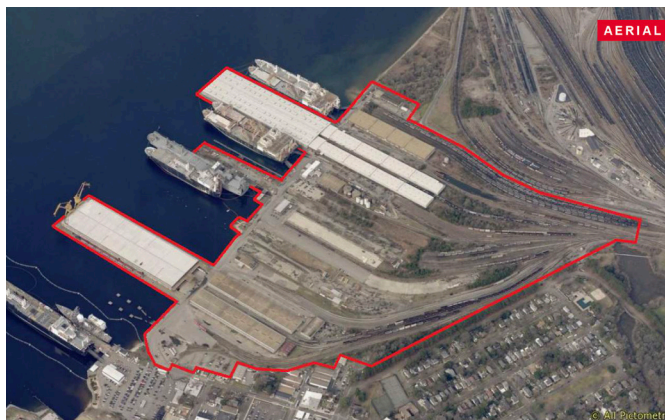
PORTSMOUTH MARINE TERMINAL

Portsmouth Marine Terminal (PMT) is currently being developed as the preeminent offshore wind terminal in the U.S. and will anchor the offshore wind industry in Hampton Roads. Dominion Energy will use a portion of PMT as the construction terminal for the largest offshore wind project in the U.S., Coastal Virginia Offshore Wind. Additionally, Siemens Gamesa Renewable Energy and Orsted will have a presence at PMT. Siemens Gamesa will build the first U.S. offshore wind blade facility at PMT and Orsted has the option to use the terminal to support its Mid-Atlantic projects.



LAMBERT'S POINT DOCKS

Lambert's Point Docks (LPD) is Hampton Roads' new marine industrial center serving the offshore wind industry. The 123-acre site has significant open and warehouse space. It has 32 feet of berthing depth with access to the 45-foot channel. There are 3 piers – 600, 1,100 and 1,200 feet in length, and the site has no vertical or horizontal access restrictions. LPD is being planned for redevelopment as a turnkey solution for offshore wind companies across the supply chain. BVG Associates, a prominent UK-based renewable energy consultancy, has ranked LPD as one of the three best sites in the U.S. for offshore wind manufacturing uses.



The Hampton Roads Alliance is dedicated to assisting you with your business investment or expansion needs across our 14 localities.

The decision to invest in a new or expanded operation is never taken lightly. Our goal is to match the business needs required for your company to be successful with the assets found in Hampton Roads, Virginia. Our objective is to facilitate the evaluation process and provide powerful tools that save you time and money as you seek to locate your new business operations in Hampton Roads.

Connect with us today.



Growing the 757. Growing Virginia.

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