

OFFSHORE WIND MANUFACTURING: Billions Invested in North Carolina

Our state is in a unique position to answer domestic supply chain demand



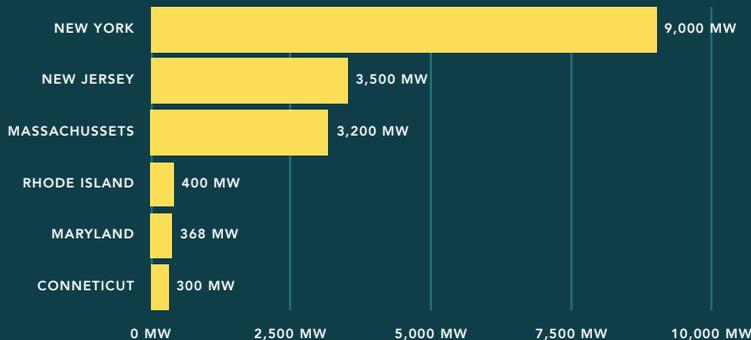
The offshore wind industry is emerging quickly in the U.S. As the demand for offshore wind grows, so too will the demand for a domestically sourced supply chain. Currently, no major offshore wind components are manufactured in the U.S. The industry, primarily located in the EU, is looking to locate facilities in the U.S. to meet significant demand committed to by East Coast states.

States are already setting aggressive goals and signing contracts to help secure the demand necessary to attract the supply chain. They see the massive economic development potential that comes with offshore wind.

North Carolina could see \$1 billion to \$5 billion* invested in state from a 2,000 MW project – roughly the size of the Kitty Hawk Wind Energy Area leased by Avangrid Renewables

EAST COAST OFFSHORE WIND CONTRACTS AND PROCUREMENT GOALS:

**as of February 2019*



SAERTEX, one of the dozens of NC companies that currently manufacture components for wind turbines, would participate in this new industry, bringing even more growth for the state

Companies will be looking to locate their multi-billion dollar facilities in business friendly states with assets that can support these specialized goods. Due to the sheer size of the components, manufacturing must take place along the ports – the components are too large to ship by rail or truck. North Carolina's ports are poised to participate in this new industry.

PRELIMINARY STEPS NEEDED FOR NORTH CAROLINA:



A ports analysis to identify existing assets and needed improvements**



A supply chain analysis to provide a roadmap for the most cost-effective ways to pursue part of the offshore wind supply chain**



A regional supply chain collaboration with neighboring states to compete with the significant development activity in the Northeast

*Based on several runs of the National Renewable Energy Lab's offshore wind Jobs and Economic Investment (JEDI) model accounting for several different likely outcomes including local spending share and supply chain location

**Virginia has already taken these steps