Delaware POWER
People for Offshore Wind Energy Resources

OFFSHORE WIND & DELAWARE

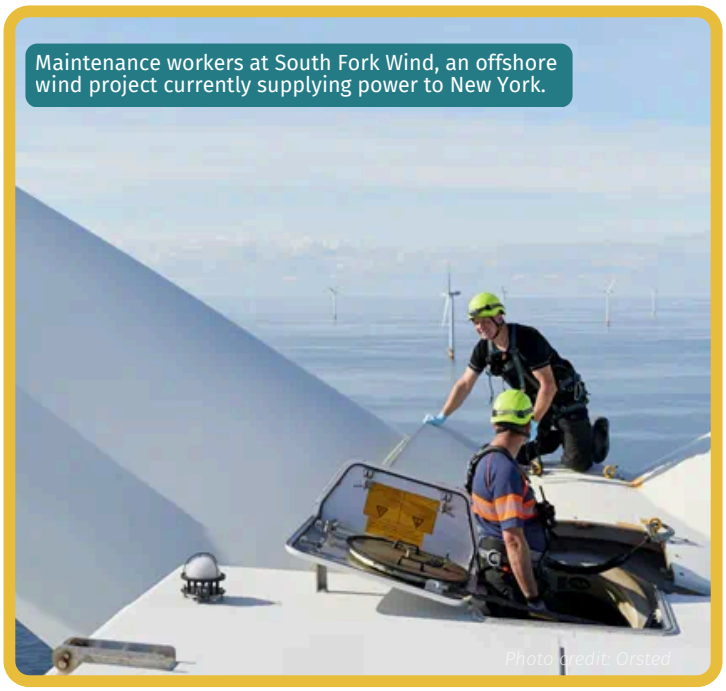
Learn the Facts

FACT: Offshore wind is good for Delaware.

- The winds off Delaware's coast are strong and steady.
- The price of offshore wind energy is competitive with other sources.

FACT: Delaware is good for offshore wind.

- Delaware lacks available land for large-scale solar or onshore wind.
- Offshore wind speeds are much higher and more consistent than those found onshore IEA.
- Nuclear power requires about 14.5 years from planning to finish. Nuclear waste, safety, reliability and affordability are concerns. Jacobson, Stanford U.



Maintenance workers at South Fork Wind, an offshore wind project currently supplying power to New York.

FACT: Offshore wind provides many benefits.

- In September 2024, Delaware set a goal to develop up to 1.2 GW of offshore wind power. Meeting this goal would provide power equal to 36% of the electricity Delaware uses in the summer. EIA
- A proposed 1.2 GW project off the coast of Massachusetts is roughly the same as the emission reductions from taking 414,000 cars off the road. Electrek
- A 1.2 GW offshore wind project off the coast of England employs 200 people in permanent jobs. Dogger Bank
- Renewable energy reduces air pollution, providing great benefits to human health. Buonocore et al. One study shows that a 3 GW offshore wind project off the coast of New Jersey would result in $690 million healthcare savings over the life of the project. offshorewindfacts.org
- Making pollution-free electricity is essential to reducing the harmful effects of climate change.
- Offshore wind will help Delaware meet its target of net-zero greenhouse gas emissions by 2050. DNREC
- The current supply of electricity is adequate only if our electrical grid region (PJM) does not experience extreme temperatures. PJM Inside Lines

FACT: Citizens in Delaware and across the county want offshore wind.

- 77% of Delawareans believe developing offshore wind projects in Delaware should be encouraged or strongly encouraged, a 2023 non-partisan poll showed.
- 68% of coastal residents in the United States support offshore wind. Electrek, 2024 study

FACT: Offshore Wind has little to no impact on property value, and a positive impacts on tourism.

- Wind farms attract "nerd tourism." There was a slight uptick in AirBnB reservation on Block Island after installation of windfarm. URI
- Offshore wind turbines have been shown to have little to no impact on local property values. Offshorewindfacts.org

"But, how is offshore wind doing currently on the East Coast?"

Four offshore wind projects, totaling 974 MW, are now generating electricity.

1. "**Block Island**" is providing 30 MW of power to **Rhode Island.**
2. "**South Fork Wind**" is providing 132 MW to **New York.**
3. "**Coastal Virginia Offshore Wind Research Project**" is providing 12 MW to **Virginia.**
4. "**Vineyard Wind I**" is providing 800 MW to **Massachusetts.**

Four more offshore wind projects, totaling 5,034 MW, are currently under construction.

1. "**Coastal Virginia Offshore Wind**" will provide 2,590 MW of power to **Virginia.**
2. "**Sunrise Wind**" will provide 924 MW of power to **New York.**
3. "**Empire Wind**" will provide 816 MW to **New York.**
4. "**Revolution Wind**" will provide 704 MW to **Rhode Island** and **Connecticut.**

A handful of other projects on the East Coast are fully permitted.

US Wind is shovel-ready with its two offshore wind projects, "**Marwin**" and "**Momentum**". Together they would provide 1,710 MW of power to **Maryland,** with subsea transmission cables making landfall in Delaware. They're in a holding pattern while awaiting the results of federal and state lawsuits.

Four other projects are waiting to be built.

1. "**Atlantic Shores South Project 1**" will provide 1,500 MW of power to **New Jersey.**
2. "**New England Wind 1**" will provide 1,790 MW to **Massachusetts.**
3. "**New England Wind 2**" will provide 1,260 MW to **Massachusetts.**
4. "**SouthCoast Wind**" will provide 1,287 MW to **Massachusetts** and **Rhode Island.**