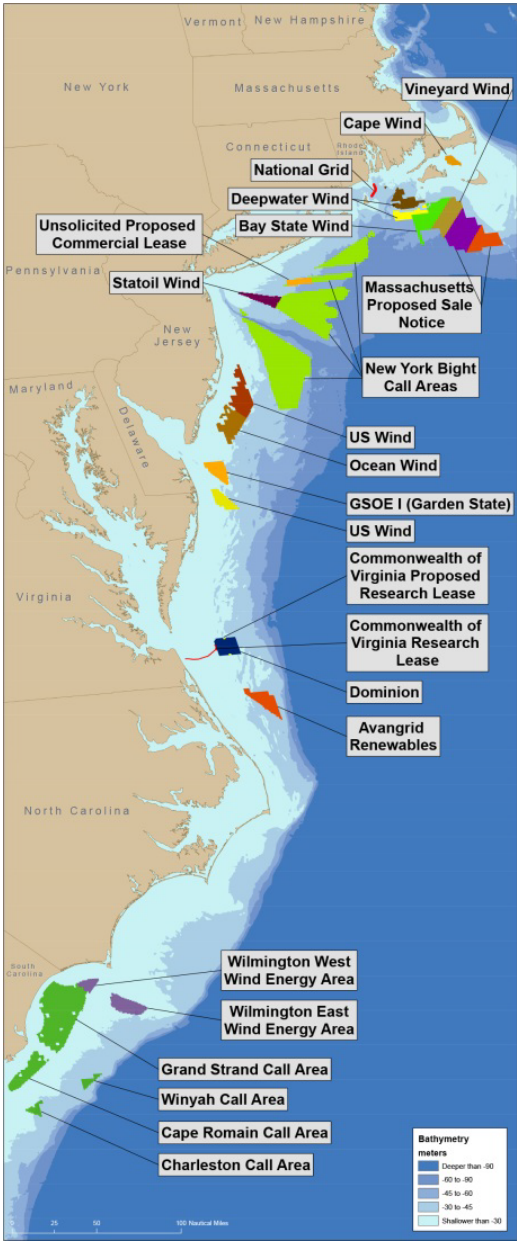


Offshore Wind

The Growing Potential



Source: BOEM

Offshore wind is a vital part of America’s **all-of-the-above** energy strategy and provides **energy security and economic growth** our nation. The Bureau of Ocean Energy Management (BOEM) has issued **15 active offshore wind leases** that have generated **\$473 million** to the U.S. Treasury.

In December 2018, BOEM auctioned **three lease areas** offshore Massachusetts for wind development. This was the highest grossing competitive lease sale for renewable energy in federal waters - **the three winning bids totaled \$405 million**.

Offshore wind has arrived in the U.S. and is set to *soar*.

A recent report from SLOW said that investment in U.S. waters will require \$70 billion by 2030 based on current demand.

Growing Interest in Offshore Lease Areas

Winning Bids for Recent Offshore Auctions

State	Date	Winning Bids
Massachusetts	December 2018	\$405 million
North Carolina	March 2017	\$9 million
New York	December 2016	\$42 million
New Jersey	February 2016	\$1.8 million
Massachusetts	March 2015	\$431,000

Source: BOEM

Offshore Wind Potential



160,000

direct, indirect and induced U.S. jobs by 2050.



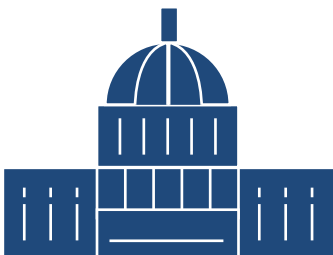
40,000

new U.S. jobs with the first 8 GW of production.



\$68 billion

in capital investments in the U.S. offshore by 2030.



18.6 GW

production commitment in six states (CT, MD, MA, NJ, NY, RI, VA) by 2030.

Source: Special Initiative on Offshore Wind at the University of Delaware



Offshore Wind

The Growing Potential



The U.S. Needs More Offshore Wind Lease Sales in the Pipeline

While the December 2018 offshore wind auction yielded a record-setting **\$405 million in winning bids**, millions of dollars were left on the table by companies who did not win leases - money that was ready for offshore wind investments.

With the exception of proposed wind lease auctions offshore New York and California in 2020, no future offshore wind lease sales are scheduled. Compounding the need for a steady pipeline of offshore wind projects, the planning and development window for projects can stretch ten years. To drive **interest and investment**, it is imperative that the U.S. have a **pipeline of future offshore wind lease sales**.



Source: BOEM

A Missed Opportunity: Revenue Sharing With States

Without revenue sharing, **coastal states and communities are missing out on revenue** that could be used to fund vital state and local projects. Revenue sharing with states and communities is **established policy** in other areas of offshore energy development. While coastal states can benefit from jobs and economic developments spurred by offshore wind, none can share in the **hundreds of millions of dollars** received by the Federal government without **revenue sharing**.

As an example, the table below applies a back-of-the-envelope GOMESA revenue sharing formula to the December 2018 wind lease sale to extrapolate potential missed shared revenue.

State	Bonus Bid	Royalties/Year	Total *
Massachusetts	\$68 million	\$1.5 million	\$115 million
Connecticut	\$16 million	\$366,000	\$27 million
Rhode Island	\$27 million	\$621,000	\$45 million
Maine	\$8.4 million	\$193,000	\$14 million
New Hampshire	\$9.1 million	\$208,000	\$15 million
New York	\$16 million	\$366,000	\$27 million
New Jersey	\$6.1 million	\$140,000	\$10 million

*Royalties over 30 year lease lifespan

