



Offshore Wind in Maryland

The U.S. National Offshore Wind Hub



Why Offshore Wind?

Maryland is a leader in offshore wind development having approved the two largest projects in the United States. Offshore wind presents a unique opportunity for Maryland to meet its greenhouse gas reduction and renewable energy goals while sustaining our economy by supporting businesses and creating thousands of jobs. Maryland will seize this opportunity and become the national offshore wind supply chain hub.

Policy Framework

In April 2013, the Maryland Offshore Wind Energy Act of 2013 (HB 226) was signed into law, creating an offshore wind “carve-out” in Maryland’s Renewable Portfolio Standard (RPS) not to exceed 2.5 percent (about 500 MW). Maryland’s current RPS goal is for 25 percent of all electricity consumed in the State to be sourced from renewable energy by the year 2020. The Statute created a financial incentive through Offshore Wind Renewable Energy Credits (OREC) that can only be awarded to projects approved by the Maryland Public Service Commission (PSC) after an extensive review process.



Approved Projects

On May 11, 2017, the Maryland PSC awarded ORECs to two offshore wind projects totaling 368 MW proposed by Deepwater Wind and US Wind in Order No. 88192. These offshore wind projects are the largest in the United States and will create an estimated 9,700 full time equivalent jobs and result in more than \$2 Billion of economic activity in Maryland. The PSC incorporated nearly 30 conditions into its approval including \$40 million of investments in port infrastructure upgrades, \$76 million invested in a steel fabrication facility, and \$12 million to the Maryland Energy Administration (MEA) for offshore wind business and workforce development.

Supply Chain

Maryland is the **only** State to offer competitive grant programs for offshore wind businesses and workforce development centers. In 2014, Maryland partnered with the Business Network for Offshore Wind (BNOW) to build offshore wind business capacity via cluster formation, education, and outreach.



Port Infrastructure

Maryland conducted several analyses of port infrastructure within the State and how it can be utilized by the offshore wind industry. In addition, as part of its project approval, the Maryland PSC required Deepwater Wind and US Wind to invest \$40 million in infrastructure upgrades at Maryland port facilities.

Environmental

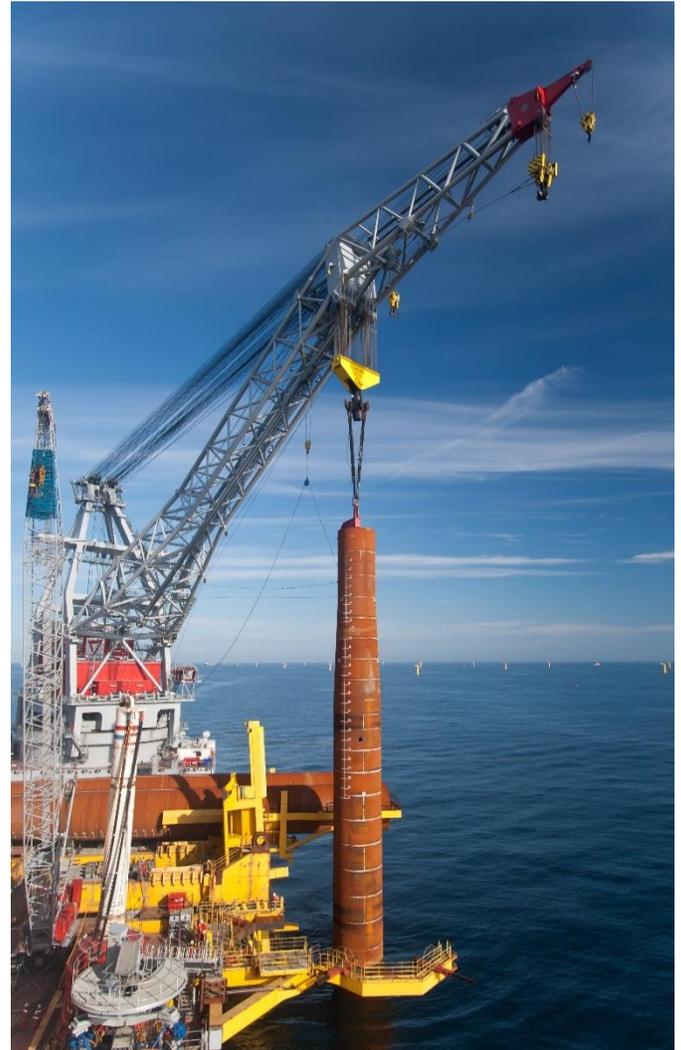
Maryland is working with its partners in the Federal government and non-profit organizations to fund research initiatives that help us better understand the physical characteristics, wind resources, and local and migratory wildlife of the Atlantic Outer Continental Shelf.

Research

Maryland continues to fund research initiatives that facilitate cooperation and understanding of the business and academic communities in order to find innovative and cost-effective methods to develop offshore wind projects.

More Information

You can learn more about Maryland's offshore wind developments at:
<http://energy.maryland.gov/Pages/Info/renewable/offshorewind.aspx>



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