

Maryland Offshore Wind Overview

BOEM Virtual Scoping Meetings for
US Wind Construction and Operations Plan

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Maryland Offshore Wind Law

Maryland's Renewable Portfolio Standard (RPS) requires 50 percent of all electricity sales to come from renewable energy sources by 2030.

The RPS includes an offshore wind carveout via Maryland's Offshore Wind Renewable Energy Credit (OREC) Program administered by the Maryland Public Service Commission.

Offshore Wind Target

- Round 1: An amount not to exceed 2.5 percent of all electricity sales
- Round 2: An additional minimum of 1,200 MW by 2030

Enabling Legislation

- Maryland Offshore Wind Energy Act of 2013
- Clean Energy Jobs Act (of 2019)

OREC Application Review Periods

Round 1 – PSC Case No 9431

- First application received January 2016
- Review initiated in November 2016
- Public comment period held from February 24 to April 7, 2017
- Public hearings held on March 25 & 30, 2017
- OREC awards announced on May 11, 2017 (PSC Order No 88192)

Round 2 – PSC Case No 9666

- First application received December 2020
- Review initiated in July 2021
- Public comment period held from August 19 to November 19, 2021
- Public hearings held virtually on September 28 & 30, 2021
- OREC awards announced on December 18, 2021 (PSC Order No 90011)

Maryland OREC Program Results

The Maryland Public Service Commission has approved a total of 2,022.5 MW of offshore wind capacity through the Round 1 and Round 2 OREC Program. If constructed on schedule, Maryland will exceed its offshore wind goal by 400 MW and three years early.

Maryland Approved OREC Projects			
	Developer	Project	Capacity
Round 1	US Wind, Inc.	MarWin I	248 MW
	Orsted A/S	Skipjack Wind 1	120 MW
Round 2	US Wind, Inc.	Momentum Wind	808.5 MW
	Orsted A/S	Skipjack Wind 2	846 MW
Total			2,022.5 MW

US Wind OREC Project Overview

Maryland Approved OREC Projects - US Wind, Inc.			
	MarWin I	Momentum Wind	Total (If Applicable)
Capacity	248 MW	808.5 MW	1,056.5 MW
No. of Turbines	22	55	77
Turbine Model*	GE Haliade X 14.7 MW Turbine		-
Operational Date	2025 (2026**)	2026	-
Electrical Generation	913,845 MWh/yr	2,513,752 MWh/yr	3,427,597 MWh/yr
Homes Powered	76,123	209,479	285,602
OREC Price (levelized)	\$131.93/MWh (2012\$)	\$54.17/MWh (2012\$)	-
OREC Price Escalator	1 %/yr	2 %/yr	-

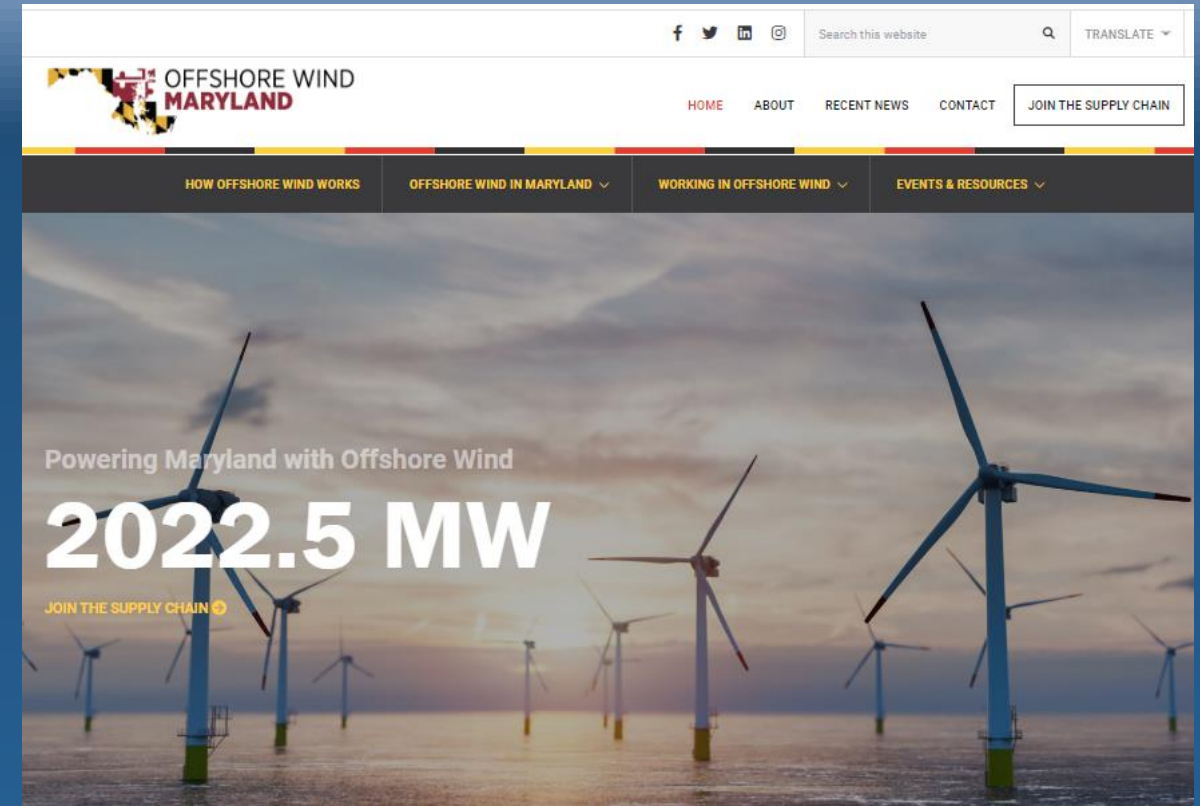
Economic Development

Maryland Approved OREC Projects - US Wind, Inc.			
	MarWin I	Momentum Wind	
In State Expenditures	\$261 million	\$570 million	\$831 million
MBE, SBE, & VSBE Goal	\$39.15 million (15 percent)	\$85.5 million (15 percent)	\$124.65 million
Construction Jobs	1,298 FTEs	6,990 FTEs	8,288 FTEs
O&M Jobs	2,282 FTEs	254 FTEs	2,536 FTEs
Supply Chain Commitments	\$25 million port upgrades \$51 million steel manufacturing	\$150 million Monopile Foundation Facility	All of that <-

OFFSHOREWINDMARYLAND.ORG

On June 15, 2022, MEA launched a new Maryland Offshore Wind website in partnership with the Business Network for Offshore Wind.

The website will act as a centralized source of information and resources for individuals and businesses looking to learn more about offshore wind in Maryland, the economic opportunities, and how to get involved in the domestic supply chain.





Questions?

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