OUR MISSION

Grow the economy and help meet the state’s clean energy and climate goals.
Offshore Wind Workforce Opportunities

Planning and development

• Activities that precede construction, including site characterization, research, engineering, and permitting

Construction and installation

• Pre-assembly, installation, and commissioning, with a large roles for skilled trades, organized labor, engineers, project managers, and individuals with maritime and water transportation expertise

Operations and maintenance

• Regular inspection of turbines, foundations, cables, and substations, and process of making necessary repairs or replacements
Conduct targeted **research and analysis** to inform workforce development initiatives.

**Engage** directly with OSW industry to ensure programs and efforts align with their needs.

**Invest** in and leverage resources for essential, high-need programs to meet needs and fill gaps.

Proactively **support** programs and initiatives that build an OSW workforce that is diverse, equitable, inclusive, and just.

**Convene**, support, and facilitate practitioners and stakeholders to share information, ideas, challenges, and best practices.
Research and Analysis

2018 Massachusetts Offshore Wind Workforce Assessment

Construction and Installation Jobs
• 2,200-3,000 direct job-years
• 6,800-9,800 total job-years

Operations and Maintenance Jobs
• 140-250 direct annual job-years
• 960-1,700 total annual job-years

Economic Impact
• $600-800M in direct economic benefit
• $1.4-2.1B in total economic benefit

Priority Needs
• Skills and safety training programs
• Partnerships w/industry, schools, trades

2021 Offshore Wind Workforce Training & Development in Massachusetts Report

• Deeper examination of capabilities and opportunities, building on 2018 Assessment.
• Quantifies offshore wind occupational demands on an annual basis
• Maps local labor supply for these occupations to further identify more specific areas of strength and potential gaps in local labor supply.
• Identifies and catalogs 119 distinct occupations across phases of offshore wind development
Offshore Wind Works

OSWW Community of Practice Projects:

• Introductory offshore wind courses and programs;
• Health and safety training programs;
• Trades programs;
• Technical training programs;
• Undergraduate and Graduate programs;
• Diversity, Equity, Inclusion and Justice

Competitive Grant Opportunities
Engagement
Access to Opportunity
Community of Practice
• Targeted community engagement campaign that will deliver an overview of the offshore wind industry directed towards high schools and community colleges in underserved communities;

• Paid experiential learning opportunities in the offshore wind industry for BIPOC, unemployed, and low-income individuals.
Offshore Wind Works Spotlight: Massachusetts Maritime Academy

• The first facility in the U.S. to offer all five modules of Global Wind Organisation (GWO) Basic Safety Training for offshore wind

• Plans to develop and offer a 40-hour Basic Seamanship course for the Pile Drivers and Divers Local Union 56, and expand upon existing GWO-certified course offerings.
Offshore Wind Works Spotlight: ACE MV

- Adult Continuing Education Martha’s Vineyard (ACE MV) offers a Wind Power Technician Certificate program specifically for local island workers who will help build and operate Vineyard Wind’s 800MW project.

- Outreach campaign to increase enrollment of women into the industry.
Over $7.8M invested in grants to support 20 organizations and institutions since 2017
Thank you

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