



MAYFLOWER WIND: POWERING NEW ENGLAND'S ENERGY FUTURE

Mayflower Wind is developing a federal offshore lease area, located over 30 miles south of Martha's Vineyard and 20 miles south of Nantucket, that has the potential to generate 2,000 megawatts (MW) of low-cost clean energy. We expect to deliver clean energy from the project by the mid-2020s.

We are guided by our core values:

- **Zero Harm:** We are committed to treating our people, community and environment with care
- **Investing in Communities:** We are committed to building responsible partnerships by supporting economic development and providing jobs
- **Innovation and Industry Development:** We expect innovation will continue to drive the rapid decline in the cost of wind energy and we aim to be a leader in this industry

Mayflower Wind deploys robust, science-driven decision making to research, develop, and implement innovative solutions in successfully delivering the project. Geophysical and geotechnical surveys provide critical data about the seafloor and subsea for evaluation in the project design and permitting process.

WHO:

50/50 joint venture between Shell and Ocean Winds



WHAT:

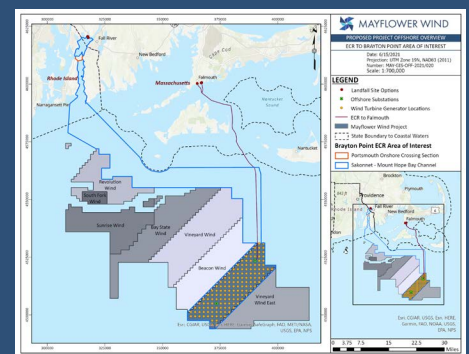
Potential for 2,000 MW of offshore wind energy

WHEN:

Expected to deliver low-cost clean energy by the mid-2020s

WHERE:

Federal lease area is located 30 miles south of Martha's Vineyard and 20 miles south of Nantucket



WHY:

Mayflower Wind will be among the single largest contributors towards the Commonwealth's net-zero carbon emissions goals

HOW:

Backed by two world-leading energy companies with deep experience in managing the complexities of offshore energy development projects

2021 GEOPHYSICAL & GEOTECHNICAL SURVEYS

APRIL – AUGUST 2021

Multiple vessels will conduct geophysical & geotechnical (G&G) surveys in the lease area and along the potential export cable route to greater Fall River.

- All survey activities are performed in accordance with federal and state regulations and health and safety policies and procedures
- Notifications are provided to the US Coast Guard and Department of Navy
- Vessels have on board Protected Species Observers (PSOs) operators to identify and appropriately manage any issues involving protected marine wildlife, especially marine mammals and sea turtles
- Lease Area vessels have on board Fisheries Representatives to identify and appropriately manage any issues involving fisheries
- Active coordination is underway with the Massachusetts Lobstermen's Association and Commercial Fisheries Center of Rhode Island to minimize impacts to fisheries in the survey areas

Geophysical Surveys assess the seafloor and near-surface sub-bottom using a variety of non-intrusive acoustic and magnetic technologies that use sound to map the seabed, sub-seabed, and magnetic anomalies. This information helps Mayflower Wind understand the seabed topography and any surface obstructions (boulders, or manmade materials), differences in the material and texture of the seabed, and the location of potential historical or archaeological resources.

Benthic Surveys assess benthic (bottom) habitat through photography and sediment grabs. This information helps map key habitats.

Geotechnical Surveys analyze soil conditions by extracting small diameter seabed core samples. This information helps inform the foundation design for turbine locations and other project facilities. These surveys are anticipated to get underway in the late summer.

SURVEY VESSELS

GO PURSUIT	GO LIBERTY	WESTERLY	WARREN JR.	GALATEA
				
LOA: 150'	LOA: 170'	LOA: 50'	LOA: 150'	LOA: 46'
Call Sign: WDH 6498	Call Sign: WDK6648	Call Sign: WDF7918	Call Sign: WDH4232	Call Sign: WDJ7358
Phone: 337-205-7400	Phone: 337-735-1828	Phone: 805-850-9593	Phone: 254-381-5471	Phone: 302-250-0580 (Capt. Clinton White)
24-hr operations, offshore geophysical	12-hr operations, nearshore geophysical	12-hr operations, nearshore geophysical	24-hr operations, benthic	24-hr operations, benthic
Water Depths > ~12m	Water Depths > ~7m	Water Depths > ~2m	Water Depths > ~6m	Water Depths > ~3m
Monitoring VHF Channel 16	Monitoring VHF Channel 16	Monitoring VHF Channel 16	Monitoring VHF Channel 16 (locally 13)	Monitoring VHF Channel 16 (locally 13)
Estimated Duration: 30 days	Estimated Duration: 30 days	Estimated Duration: 3-4 months	Estimated Duration: 30 days	Estimated Duration: 30 days