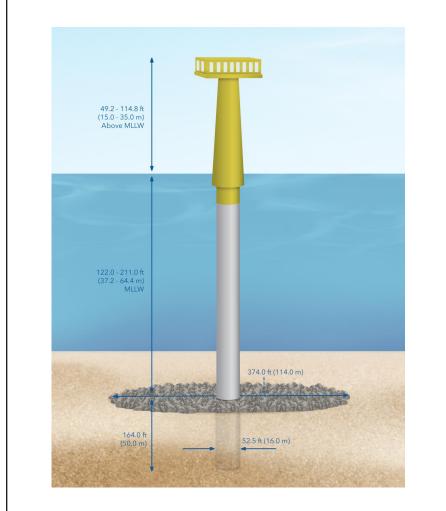
Mayflower Offshore Wind Project

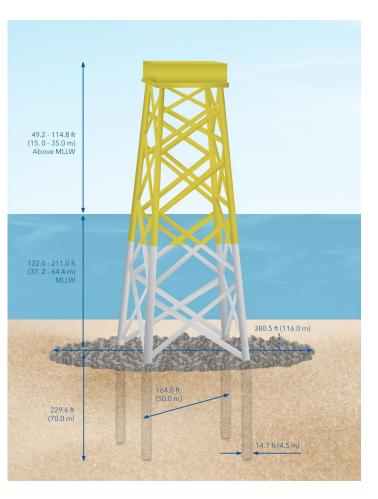
Project Design Envelope

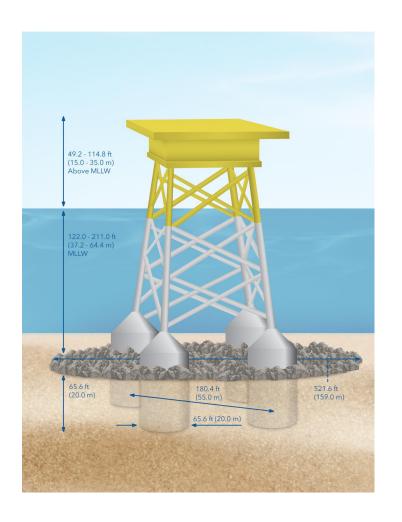
A project design envelope is a permitting approach that allows a lessee to define a range of design parameters within a Construction and Operations Plan. BOEM then analyzes the maximum impacts that could occur within the range of the design parameters — referred to as the "maximum design scenario."

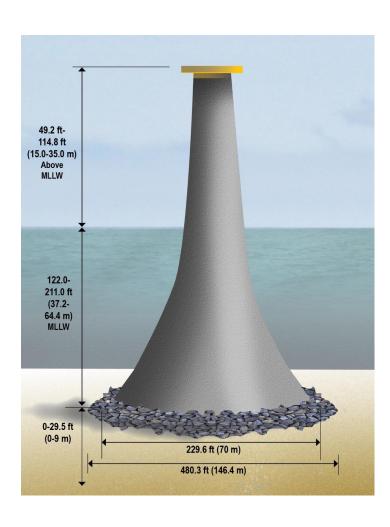
Representative design parameters for the Mayflower Project are outlined below. Refer to Mayflower Wind's Construction and Operations Plan for a detailed explanation of the project design envelope.

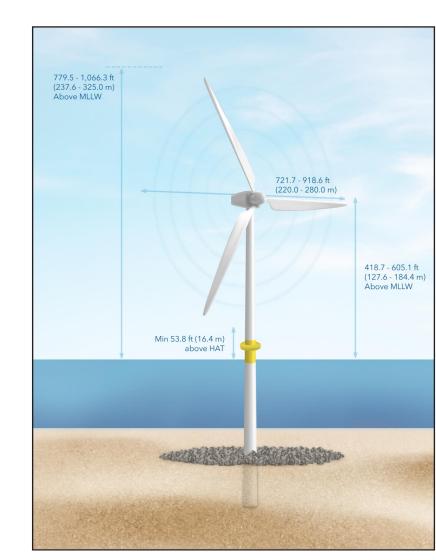


Monopile









Piled Jacket Suction-Bucket Jacket Gravity-Based WTG Dimensions

Project Component	Representative Project Design Parameters
Foundations	 Monopile, piled jacket, suction-bucket jacket, and/or gravity-based structure (up to two different concepts will be installed) Installation using hammered pile driving (for monopiles and/or piled jacket foundations) Scour protection may be installed around all foundation types
Wind Turbine Generators (WTGs)	 Up to 147 WTGs Rotor diameter up to 918.6 feet (280 meters) Hub height up to 605.1 feet (184.4 meters) above mean lower low water (MLLW) Tip height up to 1,066.3 feet (325 meters) above MLLW Tip clearance above highest tide - 53.8 feet (16.4 meters)
Inter-Array Cables	 Up to 72.5 kilovolt, 3-core cables buried up to 3.2 feet to 8.2 feet (1 meter to 2.5 meters) beneath the seabed Maximum total cable length 497.1 miles (800 kilometers) Jetting remotely operating vessel (ROV), pre-cut plow, mechanical plow, and mechanical cutting ROV system Proposed protection if target cable burial depth is not achieved includes rock berm, concrete mattress placement, rock placement, fronded mattresses, and half shells
Offshore Export Cables	 Two offshore export cable corridors - Falmouth and Brayton Point Up to five 345 kV (Falmouth) and six 320 kV (Brayton Point) export cables buried up to 13.1 feet (4 meters) Maximum total corridor length is 87 miles (140 kilometers) for Falmouth and 124 miles (200 kilometers) for Brayton Point Vertical jetting, jetting sled, jetting ROV, pre-cut plow, mechanical plowing, mechanical cutting ROV system Proposed protection if target cable burial depth is not achieved includes rock berm, concrete mattress placement, rock placement, fronded mattresses, and half shells
Offshore Substation Platform (OSP)	Up to five OSPs installed atop monopile, piled jacket, suction-bucket jacket, or gravity-based structure
Onshore Facilities	 Landfall of export cables will be completed via horizontal directional drilling One onshore substation at two possible locations to disturb up to 26 acres (10.5 hectares) One HVDC converter station to disturb up to 7.5 acres (3 hectares) Onshore transmission and interconnection cables with total maximum cable length of 7 miles (11.3 kilometers) Up to twelve 345 kV onshore export cables and five communication cables to substation and four 320 kV onshore export cables and 2 communication cables to converter station Up to 19.11 acres (7.7 hectares) of disturbed area for onshore export cables
Operations & Maintenance (O&M) Facilities	 Potential O&M Ports include Brayton Point, Borden & Remington Port, New Bedford State Pier, Eversource Energy and Sprague Oil, New Bedford Marine Commerce Terminal, MA Maritime Academy, Woods Hole SSA, Hyannis Marina, and Sandwich Marina