

Attachment K

Massachusetts Historical Commission Project Notification Form

APPENDIX A
MASSACHUSETTS HISTORICAL COMMISSION
220 MORRISSEY BOULEVARD
BOSTON, MASS 02125
617-727-8470, FAX: 617-727-5128

PROJECT NOTIFICATION FORM

Project Name: New England Wind 2 Connector/Commonwealth Wind Project

Location / Address: Bureau of Ocean Energy Management (BOEM) Lease Area OCS-A 0534, Offshore/ Onshore
Cabling Route(s), and Substation

City / Town: Barnstable, Massachusetts

Project Proponent

Name: Park City Wind, LLC

Address: 125 High Street, 6th floor

City/Town/Zip/Telephone: Boston, MA 02110

Agency license or funding for the project (list all licenses, permits, approvals, grants or other entitlements being sought from state and federal agencies).

Agency Name: _____ Type of License or funding (specify) _____

SEE ATTACHMENT

Project Description (narrative):

The New England Wind Development occupies an approximately 160-square-mile Lease Area designated as OCS-A 0534 which was awarded to the Proponent through a competitive lease sale conducted by the U.S. Bureau of Ocean Energy Management (BOEM) (Figures 1 and 2). New England Wind is being developed in multiple phases. Commonwealth Wind (CWW), which is the subject of this PNF, is one of the projects being developed within the Lease Area and is anticipated to be located in the southern section of the Lease Area. The Commonwealth Wind wind turbine generators (WTG) will be located within federal waters; however, segments of the offshore export cable corridor are located in Massachusetts state waters and make landfall in Barnstable, Massachusetts (Figure 3). The components of the Commonwealth Wind project located within the Commonwealth of Massachusetts are known as the New England Wind 2 Connector (NEW2), which is the project name used for purposes of state permitting within the Commonwealth. CWW anticipates filing an Environmental Notification Form (ENF) with the Massachusetts Environmental Policy Act (MEPA) Office and the Petition(s) before the Massachusetts Energy Facilities Siting Board (EFSB) and Department of Public Utilities (DPU) in the Fall of 2022.

Commonwealth Wind will deliver power to one or more Northeastern states and/or to other offtake users, including but not limited to 1,200 megawatts (MW) of power to the ISO-NE electric grid to meet the Proponent's obligations under long-term contracts with Massachusetts electric distribution companies and 32 MW contracted to municipal light plants. Three offshore export cables will transmit power from the offshore electrical service platforms (ESPs) to shore. Unless technical, logistical, grid interconnection, or other unforeseen issues arise, all offshore export cables associated with

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Commonwealth Wind will be installed within the Offshore Export Cable Corridor (OECC) from the BOEM Lease Area to the Dowse's Beach Landfall Site in the Town of Barnstable. From the Landfall Site, underground onshore export cables will transmit power to a new onshore substation and connect to the ISO-NE electric grid at an existing Eversource Substation in West Barnstable, Massachusetts.

The Dowse's Beach Landfall Site is located within an approximate 2.5-acre mostly paved parking area at Dowse's Beach. Dowse's Beach is situated on a peninsula that extends between East Bay and the Centerville Harbor. At Dowse's Beach, the offshore export cables' ocean-to-land transition will be made using horizontal directional drilling (HDD). At the Dowse's Beach Landfall Site, the physical connection between the offshore export cables and the onshore export cables will be made in underground transition vaults (one per offshore export cable). Each subsurface vault is anticipated to have dimensions of approximately 4 meters (13 feet) wide by 19 meters (62 feet) long by 1 meter (3.5 feet) tall.

From Dowse's Beach, the onshore export cables would either continue within public roadway layouts or, using a trenchless crossing, travel beneath East Bay to a location near East Bay Road. From this location, the onshore export cables will be installed beneath public roadway layouts or within utility rights-of-way (ROWs) along one or two onshore export cable routes to the new onshore substation site. The candidate onshore export cable routes are illustrated on Figure 3.

The new onshore substation site will be located within two adjacent parcels of property consisting of approximately 14.7 acres (Barnstable Assessors Parcels 195-005 and 195-006) located north of Route 6 (Mid-Cape Highway) (see Figure 3). The two parcels are undeveloped and wooded. Existing access to the substation parcels is via an existing gravel access road via Oak Street. Grid interconnection cables will connect the new onshore substation site to the grid interconnection point at the existing Eversource West Barnstable Station.

Does the project include demolition? If so, specify nature of demolition and describe the building(s) which are proposed for demolition.

No

Does the project include rehabilitation of any existing building? If so, specify nature of rehabilitation and describe the building(s) which are proposed for rehabilitation.

No

Does the project include new construction? If so, describe (attach plans and elevations if necessary).

Yes – see project description of the substation

To the best of your knowledge, are any historic or archaeological properties known to exist within the project's area of potential impact? If so, specify.

Yes. The following known historic or archaeological properties exist within the project's APE:

BRN-HA-17
BRN-HA-46
BRN-HA-70
BRN-HA-66
BRN-HA-54
BRN-HA-68
BRN-HA-56
19-BN-905
19-BN-251

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APPENDIX A (continued)

19-BN-699
19-BN-780

What is the total acreage of the project area?

Woodland	~15 acres onshore	_____	acres	Productive Resources:	
Wetland	_____	_____	acres	Agriculture	_____ acres
Floodplain	_____	_____	acres	Forestry	_____ acres
Open Space	_____	_____	acres	Mining	_____ acres
Developed	_____	_____	acres	Total Project Acreage	_____ acres

What is the acreage of the proposed new construction?

- ◆ The total length of the Offshore Export Cable Corridor (OECC) in State waters utilizing the Eastern Muskeget route is approximately 22 miles (35 kilometers).
- ◆ The total length of the OECC in State waters utilizing the Western Muskeget Variant is approximately 20 miles (32 kilometers).
- ◆ The Onshore substation site is approximately 15 acres.
- ◆ The onshore cable route is approximately 6-7 miles and the width of the duct bank is approximately 8 feet for a total area of approximately 5.8 to 6.8 acres.

What is the present land use of the project area?

Substation – wooded upland undeveloped
 Onshore Cable route – existing roadway or utility rights-of-way
 Landfall – public parking area at Dowses Beach
 Offshore Export Cable Corridor – generally undisturbed seabed

Please attach a copy of the section of the USGS quadrangle map which clearly marks the project location.

See Figure 4

This Project Notification Form has been submitted to the MHC in compliance with 950 CMR 71.00.

Signature of Person submitting this form *Deborah C. Cox* Date: 8-17-2022

Name: The Public Archaeology Laboratory, Inc.

Address: 26 Main Street

City / Town: Pawtucket, Rhode Island 02860

Telephone: 401-728-8780

REGULATORY AUTHORITY

930CMR 71.00: M.G.L. c. 9, §§ 26-27C as amended by St.1988, c.254.

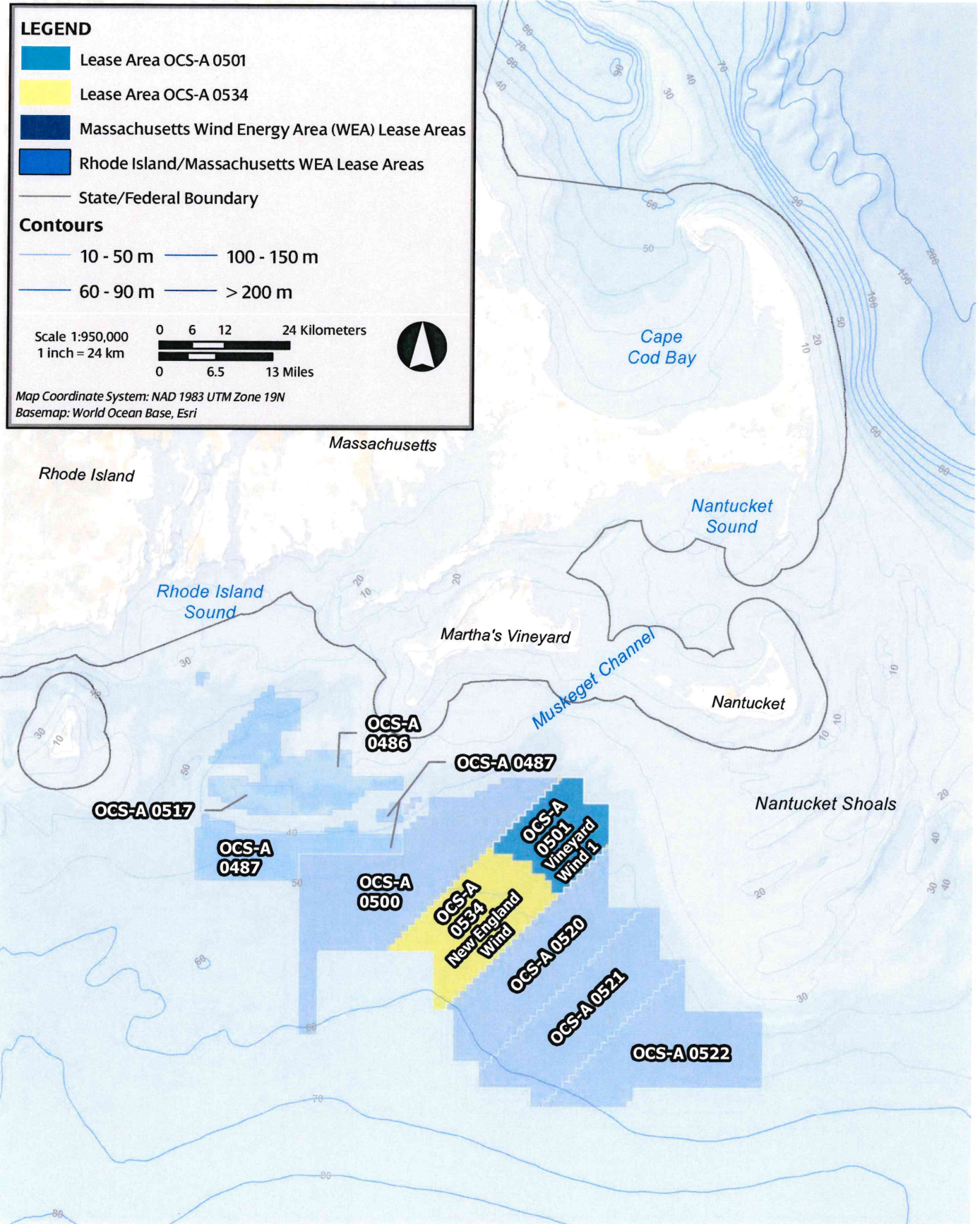
ATTACHMENT PERMITS, REVIEWS, AND APPROVALS REQUIRED FOR THE PROJECT

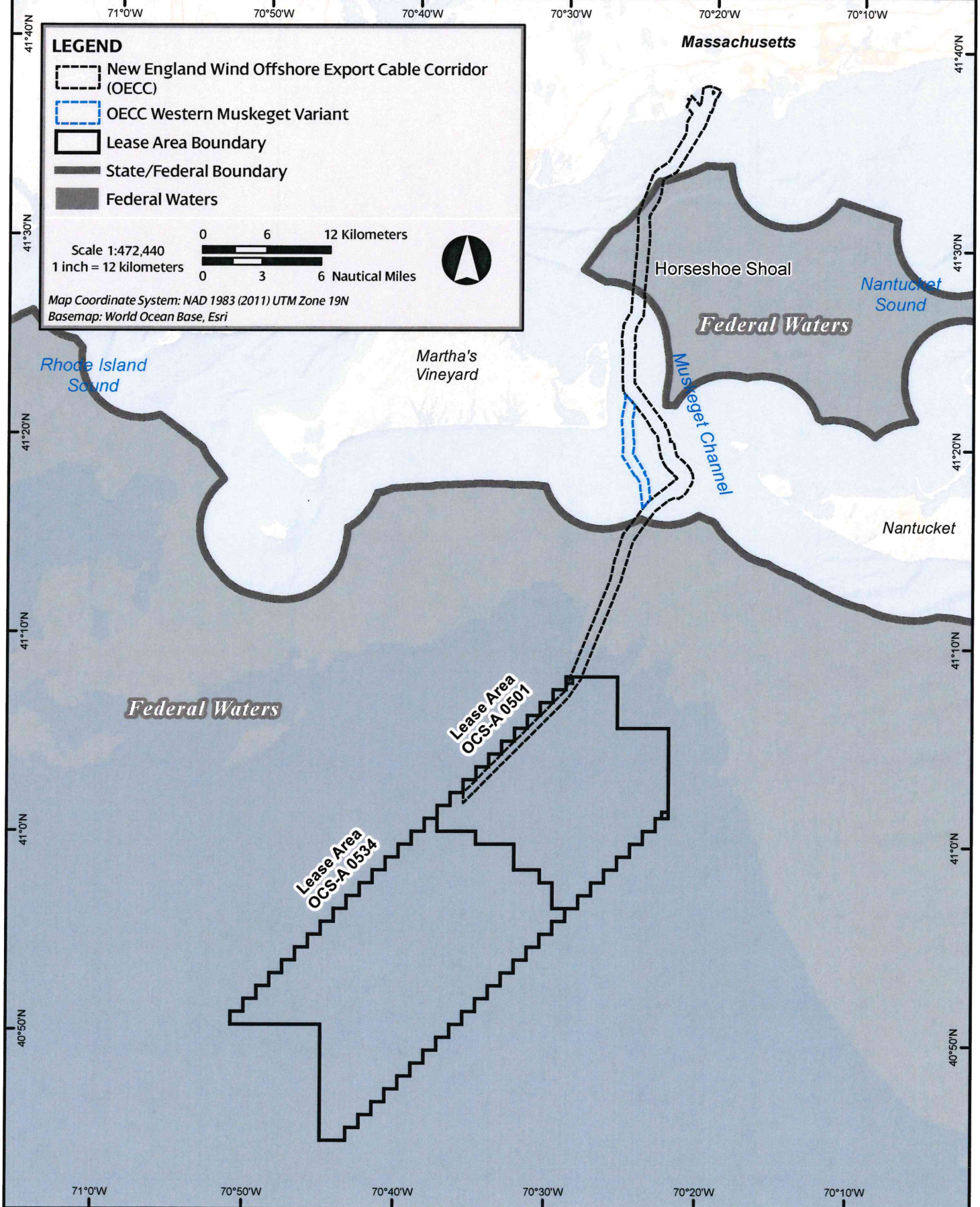
Agency/Regulatory Authority	Permit/Approval	Phase 2 Status
Federal Permits/Approvals		
Bureau of Ocean Energy Management (BOEM)	Site Assessment Plan (SAP) approval	Completed. ¹
	Construction and Operations Plan (COP) approval/Record of Decision (ROD)	COP filed with BOEM July 2, 2020.
	National Environmental Policy Act (NEPA) Environmental Review	Initiated by BOEM June 30, 2021.
	Consultation under Section 7 of the ESA with NMFS and USFWS, coordination with states under the CZMA, government-to-government tribal consultations, consultation under Section 106 of the NHPA, and consultation with NMFS for Essential Fish Habitat.	To be initiated by BOEM.
	Facility Design Report (FDR) and Fabrication and Installation Report (FIR)	To be filed (TBF)
US Environmental Protection Agency (EPA)	EPA Permits under Section 316(b) of the Clean Water Act (CWA), including National Pollutant Discharge Elimination System (NPDES) Permit(s)	TBF
	OCS Air Permit	TBF
US Army Corps of Engineers (USACE)	CWA Section 404 Permit (Required for side-casting of dredged material and placement of foundations, scour protection, and cable protection) Rivers and Harbors Act of 1899 Section 10 Individual Permit (Required for all offshore structures and dredging activities)	Application filed with USACE August 1, 2022
US National Marine Fisheries Service (NMFS)	Letter of Authorization (LOA) or Incidental Harassment Authorization (IHA)	Application considered adequate and complete July 20, 2022
US Coast Guard (USCG)	Private Aid to Navigation (PATON) authorization	TBF
Federal Aviation Administration (FAA)	No Hazard Determination (for activities at construction staging areas and vessel transits, if required)	TBF

¹ A meteorological-oceanographic buoy (metocean buoy) was installed in Lease Area OCS-A 0501 (prior to its segregation into Lease Areas OCS-A 0501 and OCS-A 0534) under an approved Site Assessment Plan (SAP) in May 2018.






Agency/Regulatory Authority	Permit/Approval	Status
State/Massachusetts (for New England Wind 2 Connector)		
Massachusetts Environmental Policy Act Office (MEPA)	Certificate of Secretary of Energy and Environmental Affairs (EEA) on Final Environmental Impact Report	TBF
Energy Facilities Siting Board (EFSB)	G.L. c. 164, § 69 Approval	TBF
Massachusetts Department of Public Utilities (DPU)	G.L. c. 164, § 72, Approval to Construct G.L. c. 40A, § 3 Zoning Exemption	Filed with or shortly after the Petition under G.L. c. 164 Sec. 69J
Massachusetts Department of Environmental Protection (MassDEP)	Chapter 91 Waterways License and Dredge Permit Water Quality Certification (Section 401 of the CWA)	TBF
Massachusetts Department of Transportation (MassDOT)	Non-Vehicular Access Permits	TBF
MassDOT	License(s) or easement(s) for occupancy of State Highway Layout (SHLO)	TBF
Massachusetts Board of Underwater Archaeological Resources (MBUAR)	Special Use Permit	TBF
Natural Heritage and Endangered Species Program (NHESP)	Conservation and Management Permit (if needed)	TBF (if needed)
Massachusetts Historical Commission (MHC)	Field Investigation Permits (980 C.M.R. § 70.00)	Reconnaissance survey application and Project Notification Form (PNF) TBF
Massachusetts Division of Marine Fisheries (DMF)	Letter of Authorization and/or Scientific Permit (for surveys and pre-lay grapnel run)	TBF
Massachusetts Office of Coastal Zone Management (CZM)	Federal Consistency Determination (15 CFR 930.57)	TBF
Massachusetts State Senate and House Allowing Town to Grant Easement	Article 97 Authorization	TBF
Regional (for portions of the Vineyard Wind Connector 2 within regional jurisdiction)		
Cape Cod Commission (CCC)	Development of Regional Impact (DRI) Review	TBF
Martha's Vineyard Commission (MVC)	DRI Review	TBF
Town of Barnstable Old King's Highway Historic District Committee	Certificate of Appropriateness	TBF

<i>Agency/Regulatory Authority</i>	<i>Permit/Approval</i>	<i>Status</i>
Local (for portions of the New England Wind 2 Connector within local jurisdiction)		
Barnstable Conservation Commission	Order of Conditions (Massachusetts Wetlands Protection Act and municipal wetland non zoning bylaws)	TBF
Barnstable Department of Public Works (DPW) and/or Town Council	Street Opening Permits/Grants of Location	TBF
Barnstable Planning/Zoning	Zoning approvals (if necessary)	TBF
Barnstable Town Council	Dowdes Beach Article 97 Easement	TBF
Barnstable Tree Warden	Tree Work Permit (Massachusetts Public Shade Tree Statute, G.L. c. 87, and Chapter 221-4 of Barnstable's general bylaws) (if needed)	TBF
Barnstable Tree Warden/Planning Board	Scenic Road Permit (Chapter 180 of Barnstable's General Ordinances) (if needed)	TBF (if needed)
Edgartown Conservation Commission	Order of Conditions (Massachusetts Wetlands Protection Act) for OECC within Edgartown waters	TBF
Mashpee Conservation Commission	Order of Conditions (Massachusetts Wetlands Protection Act and municipal wetland non zoning bylaws) for OECC within Mashpee waters (if needed)	TBF (if needed)
Nantucket Conservation Commission	Order of Conditions (Massachusetts Wetlands Protection Act and municipal wetland non zoning bylaws) for OECC within Nantucket waters	TBF





LEGEND

-  Potential Onshore Export Cable and Grid Interconnection Routes
-  Trenchless Crossing
-  Utility ROW (Approximate)
-  Existing West Barnstable Substation
-  Proposed New Substation Site

Scale: 28,800
1 inch = 2,400 feet

0 1,200 2,400 Feet

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: 2016 Orthophotography, Bing



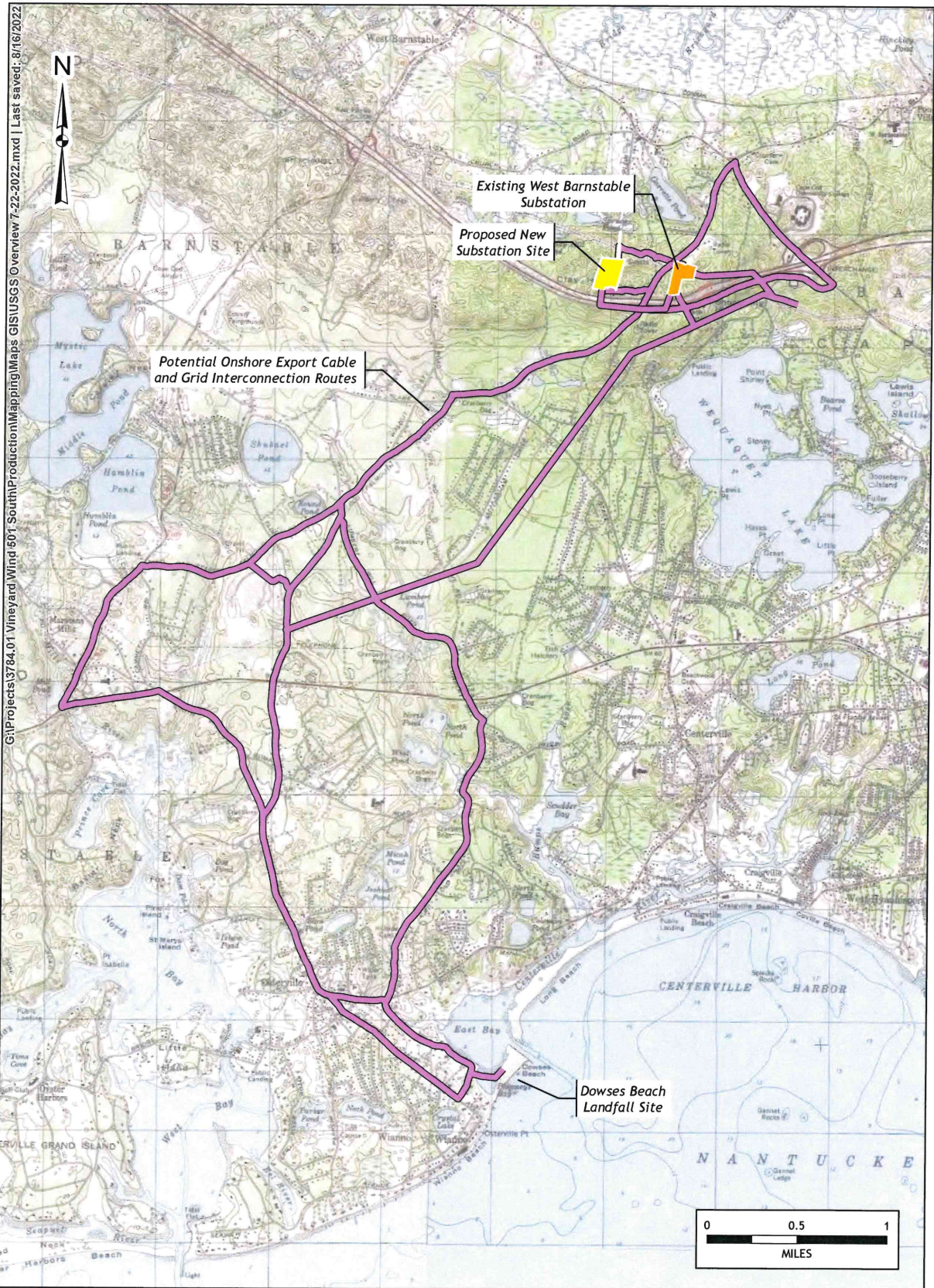


Figure 4. Location of the New England Wind 2 Connector/Commonwealth Wind Project on the Sandwich, Hyannis, Hyannis OE, and Cotuit USGS topographic quadrangles, 7.5 minute series.