

South Fork Wind Farm

Onshore cable route

The South Fork Wind Farm will deliver power via a single, 138kV alternating current (AC) transmission line directly to the East Hampton substation, located off Cove Hollow Road. The South Fork Wind Farm Team has conducted extensive technical and environmental surveys, evaluated several landing locations on the north and south shores of East Hampton, and consulted with local stakeholders to determine the best route for the cable connecting the wind farm to the substation. Based on this evaluation, a cable landing at Beach Lane in Wainscott and the route shown have been identified as the “preferred route” in the Article VII application.

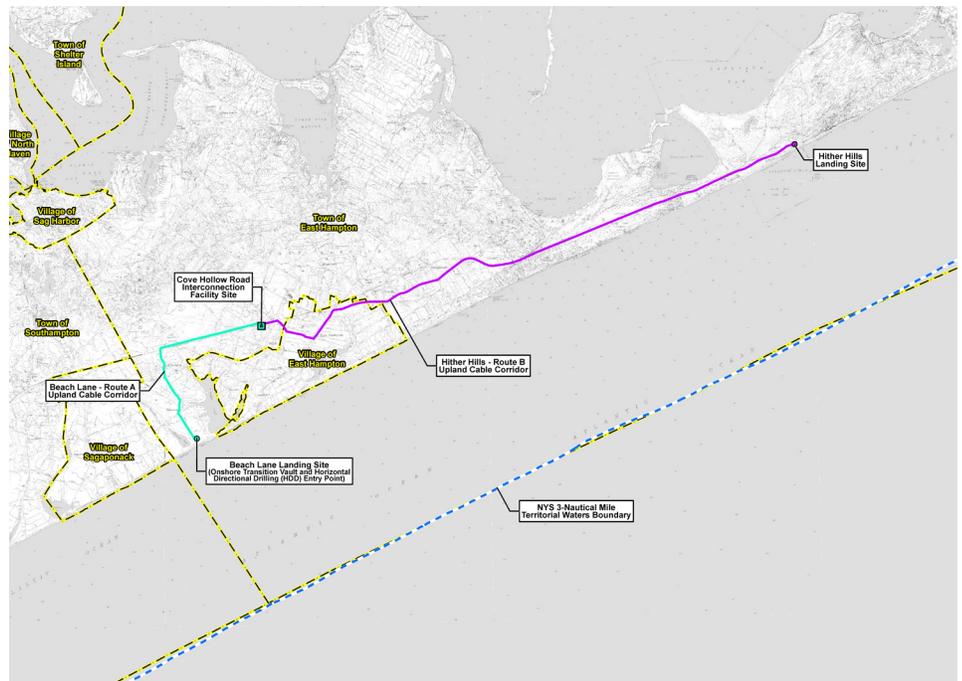
This route:

- Allows us to cross under Route 27, avoiding traffic disruption on this main transportation artery.
- Avoids wetlands and stays within existing rights-of-way.
- Minimizes disruptions to homes, businesses, and residents.

The route from Beach Lane requires real estate rights from the East Hampton Town and Trustee Boards. A viable alternate route for the onshore cable has also been identified (as shown) that begins at the Hither Hills State Park and follows state-owned roads and the Long Island Rail Road right-of-way to the substation located off Cove Hollow Road.

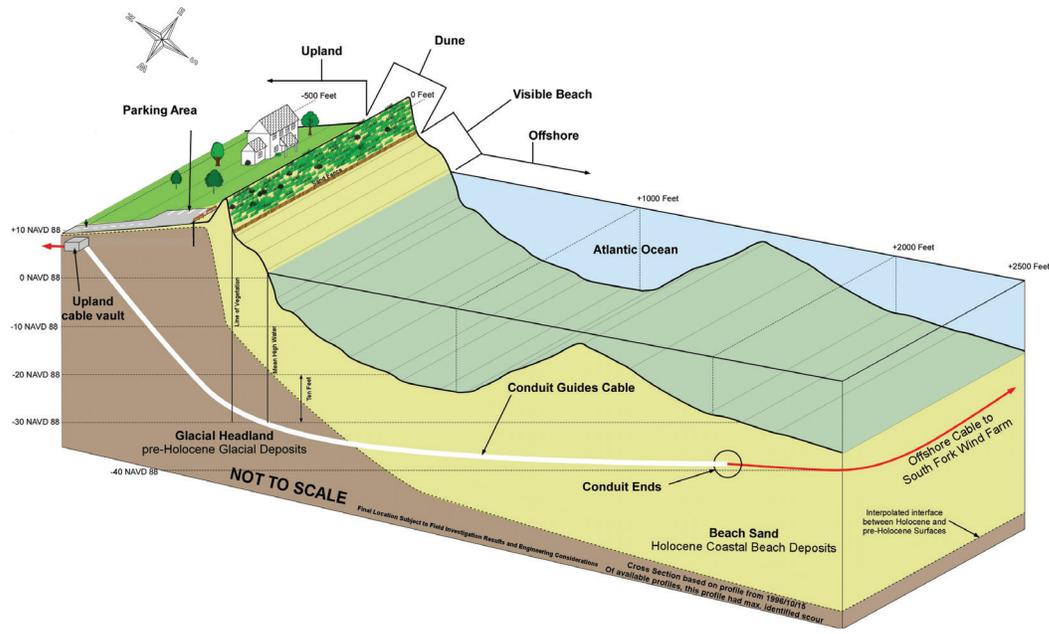
No Impact to the Beach

Regardless of the route selected, installation and operation of the cable will not impact the beach. Beach access will be maintained during installation of the cable.



As proposed in the Article VII application, the cable will be set at least 30 feet under the beach, protecting it from erosion. The installation process utilizes a well-proven technology called Horizontal Directional Drilling (HDD) to bore a hole along a prescribed path deep under the parking lot, beach and nearshore area, to a distance approximately one-third of a mile offshore from the mean high-water level. Next, a plastic conduit pipe (with a maximum diameter of 24 inches in diameter) will be pulled through the hole, then the transmission cable (measuring 8 to 12 inches in diameter) will be pulled through the pipe (as shown in the illustration).

Horizontal Directional Drilling at the Sea-to-Shore Transition



Construction Restrictions to Minimize Community Disruption

As proposed, a series of construction restrictions will minimize disruption to residents: The HDD will not begin before November 1 and will be completed by March 31. Construction hours will follow the work day permitted under the Town Code (7am to 7pm) with exception for only extenuating circumstances, and the project will be designed to meet levels within the day-time noise ordinance.

Cable Installation in the Roads

As proposed, the construction associated with laying the cable in the road from the upland cable vault to the substation is typical buried utility work: An underground duct bank consisting of concrete encased conduits will be installed, utilizing cable vaults for installation and maintenance access. The concrete encasing the conduits will have maximum dimensions of 36 inches by 40 inches. The cable vaults will be set approximately 1,000-1,500 feet apart and will be concrete with a cast iron cover. The cable vault dimensions are anticipated to be approximately 26 feet long, nine feet wide and ten feet deep.

No ground disturbing road work will take place during the period between Memorial Day and Labor Day. Temporary asphalt patch will be laid after construction, then the entire route will be fully resurfaced.

A Detailed Review Process

Ørsted and Eversource are committed to the highest standards of technical and environmental responsibility. The South Fork Wind Farm will require more than 15 permits and approvals from regulatory authorities before construction can proceed. This process will be led by the Federal Bureau of Ocean Energy Management (BOEM) and the New York State Public Service Commission, and is anticipated to take approximately two years, involving multiple opportunities for public review and comment.