

# South Fork Wind

## Project Definition

**South Fork Wind consists of up to 15 turbines located 35 miles east of Montauk Point, out of sight from Long Island beaches.**

The South Fork Export Cable (SFEC) is an 138kV alternating current (AC) electric cable that will connect South Fork Wind to the existing mainland electric grid in East Hampton at the substation off Cove Hollow Rd.

## Project Upgrade: More Clean Power, Same Project Footprint

Turbine technology has improved since South Fork Wind was first proposed in 2015. New, more advanced turbines can produce additional clean power within the same project footprint.

In November 2018, the Long Island Power Authority (LIPA) approved the purchase of 40MW of additional capacity from South Fork Wind on top of the original 90MW contract. According to LIPA, the additional capacity will be the lowest cost utility-scale renewable power ever on Long Island.

The additional capacity will provide power for an additional 18,000 typical homes. In total, South Fork Wind will generate enough clean power for approximately 70,000 typical homes each year. The project is still comprised of a maximum of 15 turbines and its output capacity will not exceed 132MW. The size of the project's transmission cable is unchanged and designed to accommodate power from South Fork Wind only.

The electric and magnetic fields of the SFEC at a maximum output capacity of 132MW have been modeled and submitted for review as part of the permitting

## → INVESTMENTS IN WAINSCOTT

In connection with its request for local real estate, Ørsted and Eversource have proposed to bury the existing overhead lines along the full length of Beach Lane and a portion of Wainscott Main Street between Wainscott Hollow Rd and Sayre's Path. Burying these existing lines will improve homeowners' view.

Additionally, they have proposed a Wainscott Water Infrastructure Fund be created in the amount of \$1 million to support wastewater improvements.

Other investments proposed include funding to support the local commercial fishing industry and energy sustainability programming.

## → TIMEFRAME: WHAT HAPPENS AND WHEN

South Fork Wind is scheduled to be completed in December 2022.

The permitting process is anticipated to continue into 2020.

Onshore construction is scheduled to begin in 2021.

process. According to the modeling assessments, the electric field of the cable will be blocked by the cable design and the ground, and the magnetic field will not impact fish patterns or humans. The magnetic field directly over the cable in the road will be comparable to those found in close proximity to typical home appliances such as refrigerators or vacuum cleaners.

## Local Real Estate Rights

The proposed cable route from Beach Lane requires local real estate rights from the East Hampton Town and Trustee Boards.

The project is limited by what the permits and real estate rights allow. An easement request was made of the East Hampton Town and Trustee Boards for real estate rights to allow a project that consists of "up to 15 turbines," and which has "one transmission cable."

## Work Restrictions & Design Criteria for Horizontal Directional Drilling (HDD) at Beach Lane.

There will be no impact to the beach during cable installation or operation.

HDD will be used to drill a path for the cable conduit deep under the road, parking lot, beach and nearshore area. This installation approach will also protect the cable from erosion. The cable depth under the beach will be at least 30 feet, measured from the edge of pavement in the parking lot and from mean low-water along the shoreline. The HDD work window is limited to November 1 through March 31.

Access along Beach Lane to Wainscott Beach will be maintained throughout construction with the exception of one day before March 31 to support conduit installation. The project will be designed to ensure sound levels remain within the day-time noise ordinance.

## Work Restrictions & Design Criteria for Onshore Cable Installation from Beach Lane to the EH Substation

Ground disturbing work is permitted only after Labor Day and before Memorial Day. The process of laying cable under the roads is typical buried utility work.

Maintenance and Protection of Traffic Plans (MPT) will be developed to guide construction activities. These plans will be subject to review and approval by the East Hampton Town Highway and Police Departments and will ensure access to homes for residents and emergency vehicles.

Post construction, the road will be patched temporarily, then fully resurfaced.

## CONTACT US

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