

NEW ENGLAND CLEAN ENERGY CONNECT TRANSMISSION LINE



PROJECT TYPE

Transmission

SCOPE

145 miles of 320kV HVDC T/L -
steel poles

LOCATION

Maine

CLIENT

Avangrid

START DATE

December 2020

COMPLETION DATE

November 2025

Spanning a total of five years, the New England Clean Energy Connect (NECEC) project is the largest clean energy project of its kind in New England. The Clean Energy Corridor connects 1,200 megawatts of renewable hydro power from Canada to the New England power grid.

In total, the project consisted of 145 miles of new transmission line that ties into the existing transmission system in Lewiston, Maine. Additional project components included upgrading 50 miles of existing alternating current transmission lines, construction of a new converter station, a new substation and multiple system upgrades.

The project was marked with numerous obstacles—creating just the kind of scenario that provides Irby crews a chance to shine. As a whole, this project showed how Irby can successfully team up with companies from all kinds of industries and backgrounds. By bringing together different skill sets and experiences, Irby built a strong, unified crew focused on getting the job done right.

Irby joined forces with Cianbro to tackle all aspects of the DC line construction including foundations, pole setting, framing, and wire stringing operations. Partnership with subcontractors AFP, Probst Electric, Maine Drilling & Blasting, and On-Target made this challenging project a success, bringing clean energy to 1.2 million households.

