



# SILVER MAPLE WIND PROJECT

**CLIENT:** SWEB Development LP

**LOCATION:** Clifton, Maine

**START DATE:** October 2020

**COMPLETION DATE:** November 2022

## PROJECT DETAILS

The existing Pisgah Mountain Wind Farm, previously designed by RLC Engineering, consists of five (5) vestas 1.8 MW Wind Turbine Generators (WTG) and is adjacent to the new development of the Silver Maple Wind Project. The Silver Maple Wind Project consists of five (5) vestas 3.6 MW Wind Turbine Generators (WTG), a new 34/115 kV collector substation, a 115 kV interconnecting switchyard consisting of a four-breaker breaker-and-a-half configuration, and associated civil and electrical infrastructure located in Clifton, Maine. The project interconnected with the Versant Power transmission system via a 115 kV transmission line.

## SCOPE OF SERVICES

- Civil Engineering
- Structural Engineering
- Electrical Engineering
- Collector System – Transmission Line Design
- 115 kV Interconnect Design
- Protection and Controls Engineering
- Relay Settings
- Automation & Integration Design
- Network & Communication Design
- Testing & Commissioning
- Provided construction support services including RFI's, submittal reviews and on sight visits for installation verifications.
- Provided commissioning support during contractors and utilities required commissioning evolutions.
- Supported interconnection applications and utility studies including ISO-NE.