



# Canton Mountain Wind Project

## OXFORD COUNTY, MAINE

Canton Mountain Wind has eight 2.85-megawatt GE turbines with 103 meter rotors mounted on 85 meter towers, for a total nameplate capacity of 22.8 megawatts. The project is connected to the grid at the substation near Ludden Lane in Canton that was built for the Saddleback Ridge Wind project in 2014. Canton Mountain Wind is owned by Canton Mountain Wind, LLC and operated by Patriot Renewables, LLC.

### PROJECT HIGHLIGHTS

- The turbines were erected on rock anchor foundations secured to bedrock. The generated power travels through an underground ridgeline collector system, then overhead to the expanded substation built for the Saddleback Project.
- The project generates ~61.8 million kilowatt hours of clean, renewable energy each year; that's enough to power over 9,400 homes and reduce the amount of CO2 emissions by the equivalent of 2.4 million gallons of gasoline each year.
- Many companies were involved including Reed & Reed, Sargent Corp., RLC Engineering, TetraTech, Kennebec River Land Surveying, Underwood Electric, Boyle & Associates, Albert Frick Associates, Verrill Dana, Bernstein Shur, and Terrence J. DeWan & Associates.

Location:	Canton and Dixfield, ME
Contractor:	Patriot Renewables, LLC
Contract Dates:	Spring 2016 – Fall 2017
Dollar Value:	\$36 Million
Awarding Authority / Owner:	Canton Mountain Wind, LLC

Construction of the foundations, turbine erection, and the underground electrical collector system began in late Spring 2017; the project was completed in Fall 2017.

