

Derby Line Wind
Farm + Community Energy
Encore Redevelopment, LLC.

Project Summary

The Derby Line Wind project is comprised of two 2.2 MW turbines located on adjacent farms in Derby Line, VT on the Northern Plateau. The sites are “in use” farmland in an area of Vermont with both a strong agricultural heritage and a significant non-ridgeline wind resource. Anemometer studies confirm an attractive wind regime, of greater than 7.0 m/s. Derby Line Wind has been accepted into Vermont’s feed-in tariff (SPEED) program, and receives a 20-year contract for the power it generates. The SPEED program is limited to a small number of projects and is intended to increase the deployment of distributed community-scale renewable energy across Vermont. Encore Redevelopment is the lead developer for this project and is beginning the process of applying for the required Act 248 permits for these projects.

Social and Environmental Return

The Derby Line Wind Project would generate approximately 14 million kWh of carbon-free electricity each year, enough to supply the electricity needs for between approximately 2,800 average Vermont homes. The clean energy produced by the two turbines would keep 4,000 metric tons of CO₂ and equivalents out of the atmosphere, which is comparable in emissions terms to keeping approximately 1,100 cars off Vermont roads each year.

The National Renewable Energy Laboratory (NREL) has developed a Jobs and Economic Development Impact model to show the correlation between renewable energy projects and the impact they have on the local community. Through the analysis of a 4.4 MW wind turbine project at a total cost of ~\$11 million, NREL has estimated a local economic impact of 31 full time jobs and a total value through labor and materials in the local market of approximately \$5 million.

Derby Line Wind would also be the first completed wind project in Vermont’s ground-breaking SPEED program and would thus be a project of both statewide and regional significance.

The Company

Encore Redevelopment’s philosophy is to create harmony between the natural and built environments that fosters sustainable growth by creating opportunities for infill development and the generation of clean, renewable sources of energy. Founded in 2007, Encore Redevelopment represents environmental leadership and strives to foster job creation and revenue generation in the rapidly developing restoration and green energy economies.



Company Profile

www.encoreredevelopment.com

Industry: Renewable Energy Project Development; Brownfield Redevelopment

Contact: Chad Farrell, Principal
Cell: 802-233-3937
Office: 802-861-3023

Company Management:

Chad Farrell, Principal
Nick Richardson, Director of Operations

Professional Advisors:

Legal Counsel: Gravel & Shea
Accountant: Bilodeau & Wells

Participating Farmers:

Grandview Farm: Bryan and Susan Davis
Smugglers Hill Farm: Jonathan and Jayne Chase

110 Main Street 2nd Floor, Suite 2E Burlington, VT 05401

office (802) 861-3023 email info@encoreredevelopment.com web encoreredevelopment.com

BROWNFIELDS REDEVELOPMENT | RENEWABLE ENERGY DEVELOPMENT | PROJECT MANAGEMENT | CONSULTING