

Patriot Renewables, LLC is the wind energy development affiliate of Jay Cashman, Inc. (Cashman), a well-established civil and marine construction contractor with significant operations in Massachusetts and construction experience throughout the United States. Cashman is a privately-held firm with annual revenues of approximately \$190 million. For the past eight years, Jay M. Cashman, the owner of the Cashman companies, has worked to establish a position in the wind industry by gaining experience in both the development and construction of wind turbines. You can read more about Patriot Renewables and Cashman at [www.patriotrenewables.com](http://www.patriotrenewables.com) and [www.jaycashman.com](http://www.jaycashman.com).

Patriot Renewables, LLC is focused specifically on wind energy development in New England. Following are highlights of wind energy projects Patriot and Cashman have been or are currently involved in.

**COMPLETED PROJECTS:**

**Saddleback Ridge Wind, Carthage, ME**

The 34.2-MW Saddleback Ridge Wind Project was developed, financed, constructed, and now partially owned by Patriot Renewables. In 2014, all major site work and transmission lines were completed by local construction teams. Three out of twelve turbines were erected and began operating in late 2014. In summer 2015, the last nine turbines were installed and the project was completed in September 2015. Saddleback Ridge Wind consists of 12 GE 2.85-103 turbines.



**Spruce Mountain Wind, Woodstock, ME**

Patriot developed, financed, constructed, and now owns and manages a 20-MW project on Spruce Mountain in Woodstock, ME. The project consists of 10 Gamesa G90 2 MW turbines and was commissioned on December 21, 2011. Spruce Mountain Wind produces enough energy to power approximately 9,600 homes each year.



**Beaver Ridge Wind, Freedom, ME**

Jay M. Cashman is a majority partner in Beaver Ridge Wind, a 4.5 megawatt (MW) project in Freedom, ME that is managed by Patriot employees. This project consists of three GE 1.5 SLE wind turbines on 80-meter towers. Cashman financed and built the project during the summer of 2008 and commissioned it that fall. The output is sold to New Hampshire Electric Cooperative under a long-term contract.



**Massachusetts Maritime Academy, Bourne, MA**

In spring 2006, Cashman designed and constructed a single turbine project at the Mass Maritime Academy in Bourne, MA. Cashman was responsible for the complete turnkey project – the engineering, procurement, and construction of a Vestas model V47, 660-kilowatt wind turbine. This turbine supplies approximately 25% of the Academy's onsite energy usage.



**PROJECTS IN DEVELOPMENT:****Canton Mountain Wind, *Canton, ME***

Patriot is developing a 22.8-MW project on Canton Mountain in Canton, ME consisting of 8 GE 2.85-103 turbines. The Maine Department of Environmental Protection issued a permit for the project in June 2014, and construction is planned for 2017.

**Timber Winds, *Dixfield, ME***

Patriot is working on early stage development of a 6-12 turbine project on Colonel Holman Mountain in Dixfield, ME. A meteorological tower was installed on Colonel Holman Mountain in November 2009 and collected data until September 2013. A second meteorological tower was installed in the fall of 2011 and collected data until April, 2015. Public outreach activities continue as the town considers changes to its current wind energy facility ordinance.



**Moscow Wind Project, Moscow, ME**

Patriot, along with partners Cianbro Construction Corp. and Radar Wind, LLC, have proposed the redevelopment of a former U.S. Air Force radar installation site in Moscow, Maine. The proposed project consists of 20-28 Siemens, GE, or Vestas wind turbines. Environmental studies are underway as the project is still in the early phases of development.

