



Massachusetts Maritime Academy Wind Project

BOURNE, MASSACHUSETTS

The single-turbine project at the Massachusetts Maritime Academy in Bourne on Buzzards Bay, Massachusetts produces up to 660 kilowatts. Jay Cashman Inc. and its affiliate Patriot Renewables constructed this project, which has been operational since 2006.

PROJECT HIGHLIGHTS

- Turbine type: unity-scale grid-interconnected wind turbine, 248-feet tall, 660 kilowatts.
- The Vestas turbine produces up to 660 kilowatts per hour.
- The project is owned and operated by the Massachusetts Maritime Academy.
- The turbine produces one third, or \$300,000, of the Academy's annual power needs.
- The turbine was integrated into the curriculum by serving as a real-time teaching tool for the engineering students, who make up half of the student body.
- This was the first state-owned commercial capacity wind turbine in Massachusetts.

Location:	Buzzards Bay Bourne, MA
Contractor:	Jay Cashman, Inc.
Contract Dates:	May 2005 – Apr. 2006
Dollar Value:	\$1.4 Million
Awarding Authority / Owner:	Commonwealth of Massachusetts, Division of Capital Asset Management

