

# J. FLETCHER CREAMER & SON INSTALLS OCEAN GATE WIND TURBINE

In early 2009 J. Fletcher Creamer & Son, Inc. contracted with the Borough of Ocean Gate, New Jersey to install a wind turbine for the purpose of generating electricity to power the Boroughs municipal complex. This turbine project originally was designed to include two units which would allow the Borough to power additional buildings in the vicinity. Ocean Gate hopes to add the second turbine in the near future through a low interest loan from the New Jersey Environmental Infrastructure Trust.

The concept for these wind turbines was conceived encouraged and driven by two very important people in the town, Mayor Paul Kennedy and retired engineer and resident Jim Fry. These two men picked this project up and ran with it through all the application and permitting phases. While that was taking place, Ocean Gate was busy securing the funding for this first of its kind project in New Jersey. Yes, this is the first wind turbine installed by a municipality in the State. The project, over budget, did not deter the Community and Ocean Gate, a little town with a population of 2,000 full time residents to claw their way into the wind business. The project was funded partly with State Clean Energy incentives available through the New Jersey Board of Public Utilities.

The permitting stage was very tedious but eventually completed. During this time, J. Fletcher Creamer & Son began working with the Borough to plan the project. The wind turbine and tower were ordered and delivery was set for September 2009. In August, the Creamer firm mobilized the site and excavated and installed the cast in place concrete foundation for the tower which would eventually stand 120 feet tall. The project was designed with a lattice tower and blades 50 feet in diameter. Part of the project included the installation of the conduit system that would bring the AC power to the Municipal building. All electrical work and connections had to be approved by Jersey Central Power & Light (JCP&L).

The electrical contractor working for Creamer was Jordano Electric of Hackensack, while Innovative Engineering of Toms River handled



**Creamer personnel are pictured constructing the foundation for the wind turbine.**

the engineering and design work for the foundation. The turbine and tower were supplied by Entegriy Wind, Denver, Colorado.

A ground breaking ceremony was held in August prior to the foundation construction and on October 20, 2009, the ribbon cutting ceremony took place under beautiful clear skies. It was almost as if nature was welcoming the renewable energy project that would do its part to help save the environment. This project will reduce total carbon emissions by 162 tons annually. BPU President Jeanne Fox and BPU Commissioner Joseph Fiordaliso spoke at the ceremony as well as Mayor Kennedy, who served as master of ceremonies.

This project was the first wind turbine installed in New Jersey by J. Fletcher Creamer & Son. Congratulations to the Creamer Organization for teaming up with Ocean Gate to bring the project to fruition.



**Personnel are pictured attaching blades to the tower.**



**Final erection of the 120 feet tall tower.**