

Ontario energy firm answers Holy Name's prayers

(Sustainable Energy Development is located at 317 Rt. 104, Ontario, NY)

SED completes wind turbine installation to generate power for an entire school

Worcester, Mass. – Four years ago Mary Riordan, headmaster at Holy Name Central Catholic Junior/Senior High School, realized that the cost of heating her school threatened the future of the institution.

Riordan looked to the wind to solve her problem and at 12:03 p.m. on Thursday, Oct. 2, with the help of Sustainable Energy Developments, Inc. (SED) of Ontario, N.Y. she found her solution. SED completed the installation of a 600kW wind turbine on the school's campus, the first high school in Massachusetts to be powered by wind.

Holy Name, which now has wind generated electricity surging throughout its halls and classrooms, isn't alone in making history through the project. With the completion of the 600kW wind turbine, SED becomes the first company to install two utility-scale wind turbines in the Commonwealth and has more work left to do.

SED intends to complete four more utility-scale wind projects in Massachusetts by the end of 2008. The decentralized wind power company continues to pave the way for wind power in the Northeast with innovative projects at sites that include ski resorts, a commercial green house operation, schools, municipal facilities and a granite quarry, said Kevin Schulte, co-founder and vice president of Business Development for SED.

Riordan, now president of the school, started the process of developing a wind turbine by working with local students from Worcester Polytechnic Institute to assess the initial feasibility of a wind project. In the summer of 2005, Holy Name turned to a professional to take the theoretical vision to the next step. SED was hired to guide the project's development from the initial, technical feasibility study to securing funding from the Massachusetts Technology Collaborative (MTC) all the way through to the erection of the structure and the first turn of the blades.

Riordan set out to cut the costs of the school's electric bills and with the completion of the project she is expected to do just that. With the advent of the Green Communities Act in Massachusetts the wind turbine is expected to produce 100 percent of the power required for the school, saving at least \$150,000 a year.

"This is a proud moment for Holy Name as well as the Diocese of Worcester as we continue to strive to be good stewards of our environment," said Riordan. "The educational value generated for both our students and the community is priceless."

"This site is perfect for SED," said Schulte. "Not only will this wind turbine be used for educational purposes now and for years to come, but we also put up a wind turbine in a city the size of Worcester. This helps in our continued efforts to raise awareness of how we generate power. There is a significant and growing demand for renewable energy in the United States and this project is a great example of a way to meet those demands with wind power."