THE UNIVERSITY OF MAINE AT PRESQUE ISLE

RENEWABLE ENERGY AND CONSERVATION PROJECT

President Don Zillman
Vice President and CFO Charles Bonin
The Wind Turbine Project

- A 600 kW turbine
- On a 65-meter tower
- Capable of producing an annual savings of at least $100,000 in electricity
The Wind Turbine Story

- Securing System Permission
- Assessing the Financial Numbers
- Securing Permits
  - City of Presque Isle
  - Maine DEP
  - US FAA
- Linking with a Utility
- Negotiating a Contract
Other Projects

• Energy Savings

• Swimming Pool Cover

• Solar Photovoltaic Panels on Classroom Building

• Wood Pellet Burning Boiler to Replace Two Oil Burners
Campus Objectives

- Climate Commitment to Reducing Carbon Footprint
- Savings on Power Bills
- Encourage Renewable Energy Teaching and Research
- Assist State and Community Renewable Exploration and Use
Progress to Date

- Turbine Generation and Lessons Learned in Year One
- Education and Progress Developments
- Collaborations
For More Information


• DVD, *Wind 101* – Available from UMPI

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