



Community Wind Energy for the Hilltowns

Locally-owned utility-scale
wind energy projects



Our Purpose

- **Educate** about wind energy
- **Promote** community-owned wind projects in New York State



New York's Renewable Portfolio Standard

- Why is it?
- What is it? 25% of electricity sold in NYS must come from renewable sources (biomass, solar, wind, etc.) by 2013
- NYSERDA's role—foster ideas, models, and businesses that can help fill the RPS

Who we are

- Loren Pruskowski
- Kathleen Moore
- Daniel Capuano
- Alexander Gordon



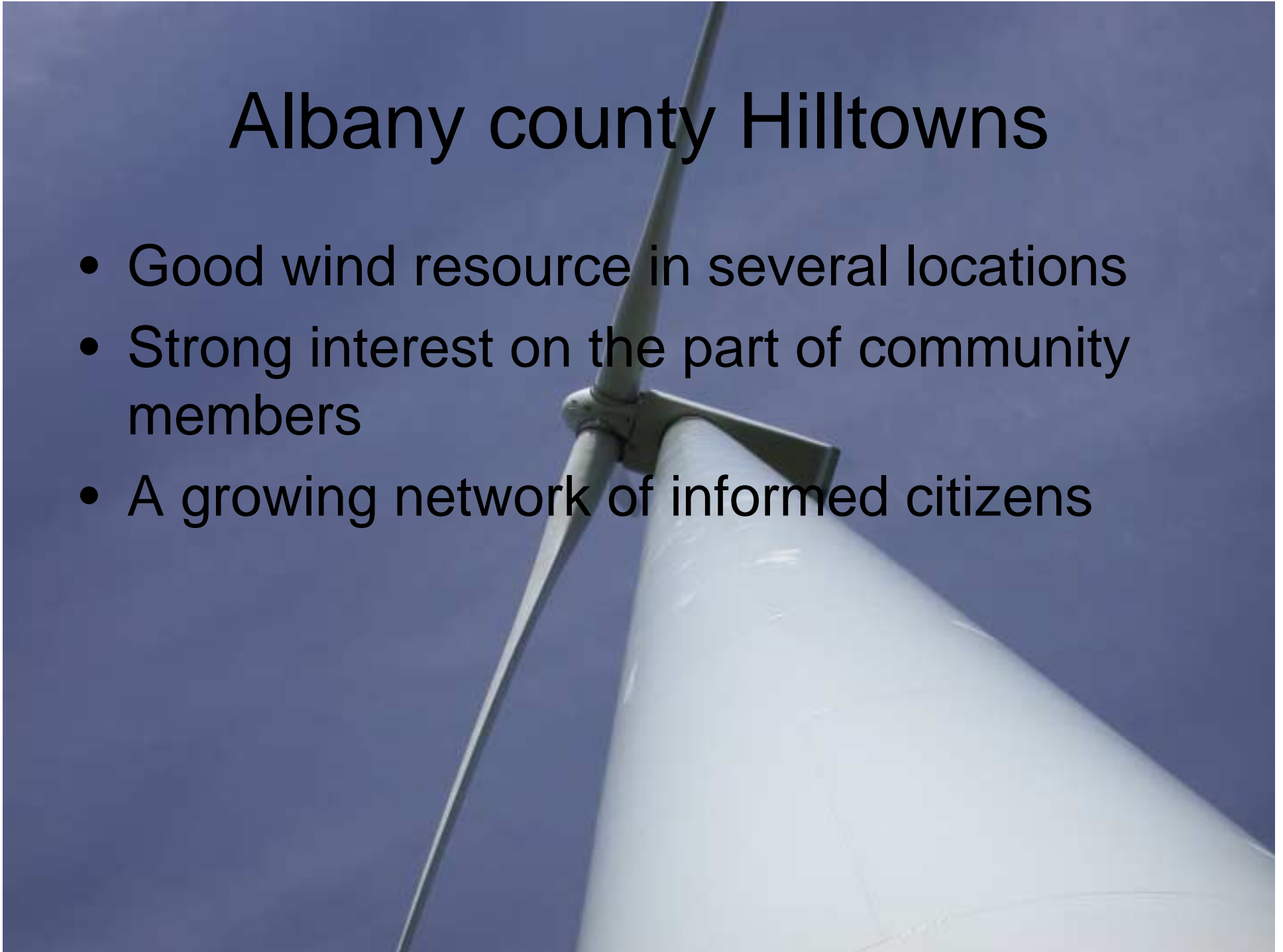


What we're *not*:

Developers!

Albany county Hilltowns

- Good wind resource in several locations
- Strong interest on the part of community members
- A growing network of informed citizens



Benefits of Wind Power



- Zero emissions of carbon dioxide, oxides of nitrogen, sulfur dioxide, etc.
- Open space conservation
- Another “crop” for farmers
- Source of revenue for municipalities
- Free “Fuel”
- Energy diversity- reducing conventional fuel price volatility
- Rural economic development—jobs, tourism

Community wind in the Hilltowns:

A NYSERDA project funded under PON-787

- Site prospecting
- Resource Assessment
- Assessing and Building Community Support
- Permitting and Environmental Assessment
- Business Prospectus



Additional Steps in the Project Development Process

- Filing for and securing Interconnection Agreement
- Filing for and obtaining additional permits
- Securing equipment vendors
- Civil & Electric Design
- Securing power sales arrangement
- Construct Wind Farm

Community wind vs. “outside” developer



- “outside” developer:
- Larger projects (40 MW or more)
- Project size and type determined by business needs of developer
- Payments in lieu of taxes (PILOTS) + landowner leases
- Community wind:
- Smaller-scale (10 MW or less)
- Locally-owned
- All of the revenue stays in the community
- Local control over the size and type of project

Revenues from wind energy

- An example—not a plan
- **Sale of electricity:** 10 MW * 0.30 capacity factor: 26,280,000 kWh annually.
- @\$0.050, \$1,314,000 @\$0.040, \$1,051,200
- **Sale of “green tags”:** \$0.020/kWh, or \$525,600
- Costs—O & M, Insurance, cost of money, landowner leases, income tax on sale of electrons

Madison Wind Farm
118 acres in view

<http://www1.nysgis.state.ny.us/MainMap.cfm>



Your participation is needed!

- Get the facts...help inform your neighbors
- Help design surveys
- Help distribute surveys
- Talk to your elected officials
- Participate in Wind Focus Group
- Ask questions
- www.helderbergwind.org

