



Community Wind Project Development

Presented by Brian Ross

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Columbia University

School of International and Public Affairs

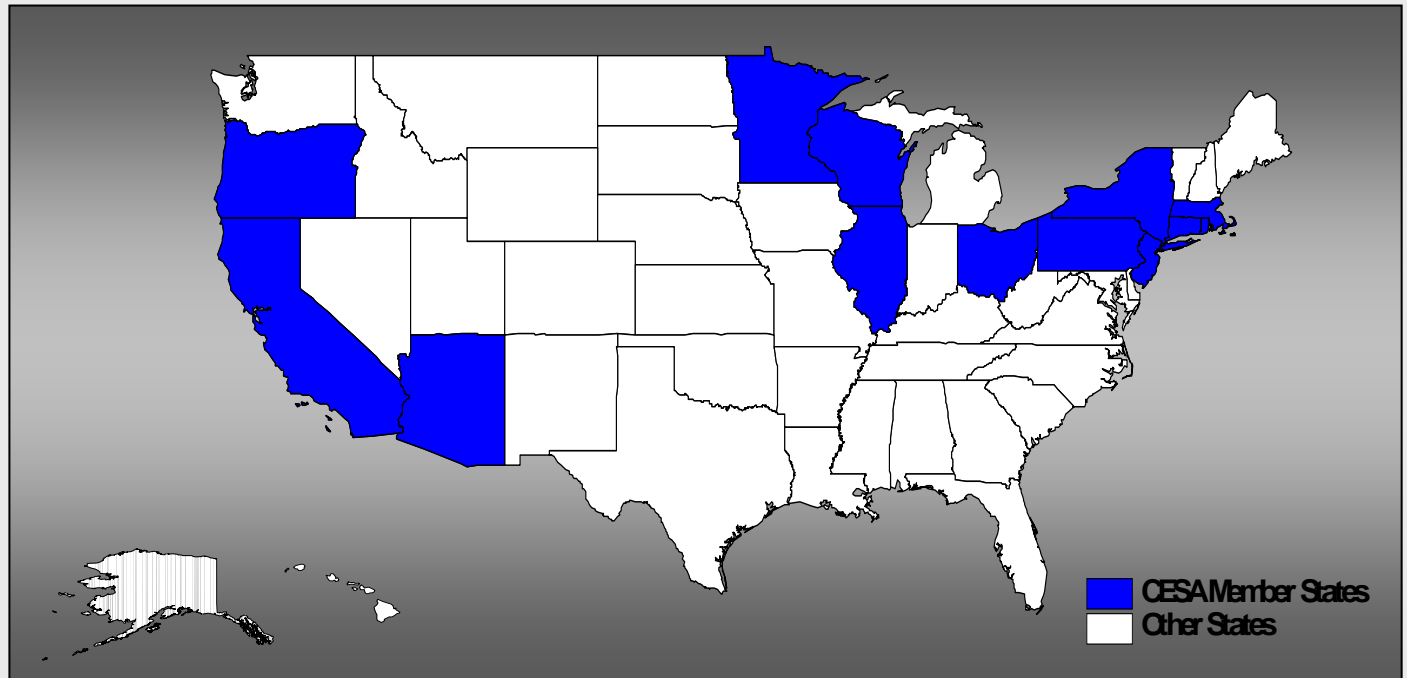


Agenda

- **Our Client**
 - Clean Energy Group
- **The Concept**
 - Community Wind
- **Research Plan**
- **Initial Research**

Our Client

- **Clean Energy Group**
 - Renewable Energy Projects
 - Clean Energy States Alliance



What is Community Wind?

- **Locally Owned**
- **Power Capacity**

1. **Megawatt Access to Utility Grid** → **350 homes in Northeast**

- **Clustered Development**



Benefits of Community Wind

- **Local Clean Energy**
- **Reduce Electricity Purchases**
- **Economic Opportunity**



**Right: Keith Bolin, VP
Bureau Valley School Board**





Challenges to Community Wind

- **Access to Financing**

Inadequate Local Funding

- **Renewal of Public Incentives**

Unstable Market & Knowledge Gap

- **Competition for Incentives**

Not Specific to Community Wind

Project: IL Rural Electric Co-op

- **1.65 MW Capacity**

- **Grants**

- USDA Section 9006

- IL Department of Commerce and Economic Opportunity

- IL Clean Energy Community Foundation (Alliance Member Fund)



Above: IL Rural Co-op Wind Turbine



Midterm Questions

- **What Money is Easy to Obtain?**
- **What Project Components Need Funding?**
- **What Combination of Incentives is Optimal?**

A large, white wind turbine stands in a snowy field. The sky is overcast with grey clouds, and a bright light source, possibly the sun, is visible through the clouds. In the background, another smaller wind turbine and a small, dark building are visible.

Questions?

Columbia University 2006 Community Wind Workshop
Sallie Lacy (Manager), Robin DeJong (Deputy Manager),
Debbie Brockett, Kristen Cady-Sawyer, Melissa Dimas, Nupur
Hiremath, Sue Kim, Kari Kopko, Sarah Lopas, Brian Ross &
Bonnie Stamper

Faculty Advisor: Tanya Heikkila

Picture Credits

- Maps: Brian Ross
- Slide Template: Nurpur Hiremath

Other Pictures:

- <http://www.bhsroe.k12.il.us/bureauvalley/bvhs/windturbine.html>
- <http://www.windustry.org/illinois/default.html>
- <http://www.e-co-op.com/Windmill/Photos.asp>

