

The Future is Wind Power

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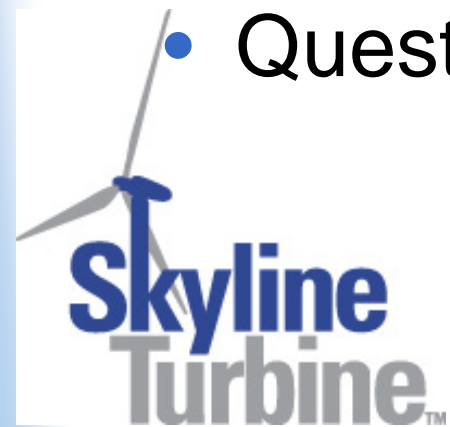
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May 5, 2009



Outline

- Mission Statement
- Motivation for Small Wind Power
- Tier I
- Tier II
- Tier III
- Questions



Mission Statement

Skyline Turbine is a renewable energy supplier for residential and small business customers. Skyline Turbine's mission is to research, implement, and install wind power appliances to meet the specific requirements of each customer. We envision a day when all aspects of wind, solar, and energy efficiencies will be brought together to make our structures self-supporting and contributing to the community. Skyline Turbine is committed to supporting local governments and its citizens by fostering open communication and utilizing all available means to successfully accomplish each installation.



Motivation: Dispelling the Image of Wind Power

- Large wind farms define the common thought of wind power
- Most people envision:
 - ◆ Large loud objects
 - ◆ Threat to wildlife



Motivation: Dispelling the Image of Wind Power

- Detachment from the natural environment and daily life
- Obstruction of view

Homestead dwarfed by big wind farm
Mountain views become secondary



Motivation: Small Wind Power

- **Schmidt Installation**
 - ◆ Several of advantages include:
 - **Generation of power at the homestead**
 - **Revenue incentives to sell back to the grid**
 - **Affordability**
 - **Energy cost reduction**
- Blends into environment:
 - **Blades closer together**
 - **Can be seen by wildlife and acts as deterrent**
 - **Reduced decibel levels**



Motivation: Tax Incentives and Energy Independence

- 30 % Federal Tax Rebate.
- Grid Connection Possible In Virginia.
- Visualize Free Electricity.



Tier I: Turbines by Right

Helix Specifications

Fall Zone: 30 ft diameter

Decibel Levels: Max. 5db

Acreage Allowance: none

Power Output: 2.5kw or 5kw



Tier II: Dinardo Installation



Tier III: Large Residential and Small Business



Bergey Specifications

Fall Zone: Tower height

Decibel Levels: Up To 110

Acreage Allowance: 2 acres and more

Power Output: 10 kw



Synergy Specifications

Fall Zone: Tower Height

Decibel Levels: Up To 110

Acreage Allowance: 2 acres or more

Power Output: 3 kw - 1000 kw



Skyline
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Thank You

Questions

