

## New Energy Symposium – July 8-9, 2009

Name of Company: Infinite Wind Energy LLC.

Technology on which company is based: Vertical Wind Turbines harvesting energy through a generator which its stator and rotor rotating opposite to each other. The new concept was coined as “A counter rotation generator.”

Funding Stage: Seed stage

### Business and Business Model

1. Inception: The LLC was formed in 2007. However, an informal partnership to develop a turbine product as a business model began in 2003.
2. Value Proposition: The turbine product targets residential and commercial building owners, who seek small capacity turbines, <100kW. The company provides a single or an array of small capacity turbines, which can be mounted on a rooftop of a home or building.
3. Current Structure: LLC., two owners holding a majority of shares
4. General Description: Our core business seats on a patent pending technology, “counter rotation generator,” and the wind turbine is uniquely designed around to it to be standalone. A single unit or an array of the turbine(s) can be contracted to be installed at the homes and buildings of those who seek to lower electrical bills, leverage government incentives, and promote “green.”

### Product

1. Product: Vertical or Horizontal Axis Wind Turbines
2. Function and Benefit: Its unique design generates energy with low speed winds as low as 5 miles/hour, which is a half of what other conventional turbines require. Therefore, from it, the power output has nearly doubled, and the total energy output is significantly increased.
3. Development stage: Range of 0.5 to 5 kW turbine-prototypes ready to be in production mode

### Competitive Position

1. Competitors: Small wind turbine companies such as Pacwind, Mariah Power, Quiet Revolution, Southwest Wind, and North Wind Companies.
2. Edge over competition: The counter rotation generator is a novel concept, an innovation to catch low speed winds, which in convention was not possible by other products.
3. Sustainability: The business based on the counter rotation technology is already at production stage. The novelty is protected by patent that is pending, the prototype is finished & developed, and contracts are on the way to launch a manufacturing of product.
4. IP Protection: A patent filed on August 2008, and more are on the way.

### Markets

1. Target Market:
  - Commercial buildings
  - Residential units
  - Street lights
  - Mobile phone’s signal relay towers
  - Any place requiring power grid or batteries

2. Barriers to Entry: Because the turbine can catch low speed winds, it can be mounted on a rooftop of a home or a building without the need of a tall “telephone pole.” And, because the design of the turbine

has eliminated gears, it produces significantly low noise even at a low height like on a rooftop. These advantages have overcome the residential zoning restrictions: no telephone poles and near zero noise.

#### Customers

1. Residential, Building, & business owners, who are interested in recouping the installation cost in 5 years through government incentives and cutting down electrical bills.

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