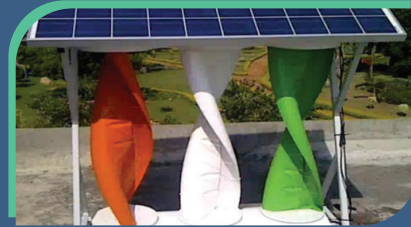


# PRESHENT



## Advantages:

- ✓ 24-hour power production capability
- ✓ High power density i.e., Energy Generation per square foot
- ✓ Appropriate for On-Grid and Off-Grid applications
- ✓ Minimizes backup battery storage requirements and enhances battery life
- ✓ Offsets peak energy pricing for grid-tied systems
- ✓ Modular, Scalable and Customizable
- ✓ Easy to mount on any mobile/static surface; no complicated masts, guy wires, or towers
- ✓ Simple ballasted installation that avoids roof penetration
- ✓ Renewable Clean, Green, Environment-friendly, Bird-friendly and Silent
- ✓ 25-year Engineered Design Life



# PRESHENT

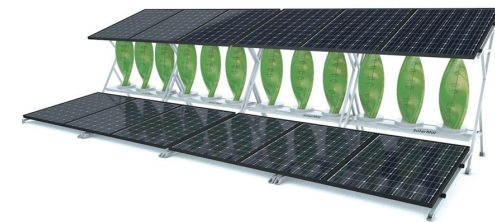
## WINDSTREAM Product Sheet

### Innovative Technology

Preshent provides strategic, clean power solutions to address energy challenges. We develop, implement, and maintain clean energy systems delivering reliable, efficient and "first-of-its-kind" Hybrid Renewable Energy solutions.

The Windstream Hybrid Renewable system is efficiently designed to combine power generation from Wind and Solar within the same footprint. Producing a higher energy density (more energy per unit area) than Solar alone.

Scalable, and modular, Windstream is designed for both residential and commercial applications. Offering site-specific flexibility and customization, for both On-Grid and Off-Grid solutions.



## Product Description:

The Windstream is a hybrid alternative energy product, optimized specifically for the challenges presented in harvesting green energy in an urban, and space-constrained environments. Wind energy is converted by Savonius style vertical axis turbines, and solar energy is collected by high quality, high efficiency photovoltaic panels - all within a single footprint.



The system is designed to easily integrate with any range of roof styles and types, in both grid-tied and off-grid applications.



# PRESHENT



## Product Highlights:

- ✓ Vertical axis with Savonius wind turbines
- ✓ Can generate with wind from any direction (360°)
- ✓ Power generation starts at wind speed of 2.5 m/s cut-in and cut-out wind speed of 18.5 m/s
- ✓ Integrated Maximum Power Point Tracking (MPPT) with “smart” bus logic control technology 24/48V DC
- ✓ Easy assembly and minimal running maintenance required -Customized colors can be provided
- ✓ Able to withstand temperature ranges from 30°C to 50°C
- ✓ Product has been tested by the National Institute of Wind Energy also certified for IEC and CE standards