



Simple, Efficient, Affordable Wind Power

An innovative vertical axis wind turbine design that combines advances in aerodynamics and fluid dynamics to eliminate the major barriers to large-scale adoption of small wind energy

- Generates power at low speeds
- Extremely lightweight and strong
- Quieter than rotary turbines
- Can be installed almost anywhere, singly or sequenced
- Modular DIY assembly
- Lower cost / kW

FireflyPower® wind turbines have transformed our building rooftop in Toronto into a power plant. Innovation and sustainability are key to our current and future generations and Infront Consulting is proud to be investing in the future of the planet.

— Rory McCaw, CEO of Infront Consulting Group



FireflyPower®'s Vertical Axis Wind Turbines produce power in a wider variety of wind speeds, locations and climatic conditions as a result of a novel design that leapfrogs standard approaches to blade shape, materials and form factor.

- **Patented blade technology** drastically reduces cut-in speed and accelerates lift.
- **Carbon fiber construction** features high fatigue resistance, low thermal expansion/CTE, exceptional durability and corrosion resistance.
- **Elegantly simple design** maximizes efficiency, minimizes physical footprint and visual impact, and withstands extreme weather.

FireflyPower® offers the enormous and untapped small business and commercial markets a reliable alternative to expensive, polluting sources of electricity—with a wind power solution that is **affordable, flexible** and **scalable**.





This winter has been particularly severe for the turbine. The turbine has endured 1" thick ice build-up during an ice storm, wind speeds of up to 80km/h, snowfalls of up to 12" in one storm and freezing temperatures below -25°C. It has weathered these challenges without complaint and continues to perform normally. I have been very impressed with the robustness in these open-air winter conditions!

– Harold DeVisser, CTO FireflyPower[®]

FireflyPower[®] Wind Turbines

- Patented blade design, lightweight carbon fiber construction
- Transitions from drag to lift at 4.5 m/s or 10.1 mph
- Wide wind acceptance due to vertical orientation; captures multi-directional wind, which is ideal for urban installations
- Acoustic noise emissions below 60dB is less than other vertical wind turbines
- Rotor diameter: 7' (2.13m) height: 6' (1.82m) weight: 35lbs (15.9 kg)
- On or off grid capability
- 2 year warranty



\$9800^{USD}
Turbine Cost

Price does not include installation.
Additional site-specific components may be required.



Contact us for options and pricing:

FireflyPower[®]
sales@fireflypower.com
416-894-8140
www.fireflypower.com