

Wind Harvest



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Raised 100 % of minimum

Funding Raised
\$93,270

Funding Goal
\$10,000-\$1,000,000

Days Remaining
185 Days

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Business Description

Wind Harvest is on the verge of completing the commercialization process to bring thousands of its turbines to the world. It has raised \$20 million so far and expects to close its current \$10 million Series A4 round before December. PicMii investors will augment that raise. This crowdfunding offering will end at the same time. New capital will help certify the Wind Harvester 4.0, and advance \$40 million in projects for installation in 2024 and 2025. Achieving these milestones may positively impact the valuation of the Company.



Highlights

Our turbines can be profitably used by 20% of wind farms around the world. That is huge! Crowdfunding investors receive 7% interest and a potential 3X to 20X equity upside. We make 4X more profit on each megawatt of sales compared to large turbine manufacturers. The Inflation Reduction Act provides significant 40%-subsidies to our customers. We have seven key patents pending and three more ready to file. We did it! Model 3.1 has validated our computer models. Model 4.0 is ready to order.

Our Technology: Wind Harvesters



Our products and projects benefit customers, investors, property owners, and communities with lower cost, locally produced electricity.

Our first crowdfunding campaign successfully raised the capital we needed to bring our wind technology through the "pilot project" step in the commercialization process; Technology Readiness Level (TRL 7). This was accomplished when our full-scale Model 3.1 prototype was tested in industry conditions at the UL Advanced Wind Turbine Testing Facility in Texas.



Security Type:

Debt Security

Annual Interest Rate

7%

Maturity Date

December 31, 2027

Post Money Valuation:

N/A – Debt Raise

Investment Bonuses!

Profit Share Kicker: For each \$1 invested, the Note Holder receives pro-rata proceeds from the sale of 2.5 shares of WH common stock from warrants with an exercise price of \$0.01 each.

Regulatory Exemption:

Regulation Crowdfunding – Section 4(a)(6)

Deadline:

April 1, 2024

Minimum Investment Amount:

\$100

Target Offering Range:

\$10,000-\$1,000,000

If the sum of the investment commitments does not equal or exceed the minimum offering amount at the offering deadline, no securities will be sold and investment commitments will be cancelled returned to investors.

Form C Submission

We are on schedule to install two Wind Harvester 4.0-70kWts and start their certification (TRL 8) in fall of 2023. Third-party certification qualifies renewable energy products for U.S. federal tax credits and provides assurance to customers that the manufacturer's claims are true.

Growth Roadmap



We plan to invest the capital from this new Crowdfunding offering and our Series A-4 round to finance the following:

- Complete Technology Readiness Level ("TRL") 8 - Third-Party Certification
- Install seven turbines to start TRL 9 - Bank financed purchases
- Increase our engineering, sales and administrative infrastructure
- Advance projects in our pipeline to set up \$25 million in sales in 2024.

Our Guiding Principles



It is not often that a company at our advanced stage in the technology commercialization process remains privately held and has a vast, untapped market yet to be developed. Even less frequent is the opportunity for the average person to invest early, before the company becomes a household name, before a Series B round, or an IPO. We believe we will provide a sizable return for our investors and have a game-changing impact to help restore our climate by helping drive down the cost of renewable energy.

Problem

Problem: Excellent Wind Resources Are Unusable By Existing Technology



In the windiest places around the world, the mid-level wind is exceptionally energetic but too turbulent for traditional turbines to harvest. Over 20% of wind farms operate on ridgelines, passes, coastal bluffs, and other places where wind tunnels and speeds up from 15-80 feet above the ground. But propeller-type, horizontal-axis wind turbines cannot operate well in that turbulence.

Many windy properties cannot secure permits for tall turbines because, at 300 to 500 feet tall, traditional turbines can negatively impact views, aviation, radar, and road setback easements.

Solution



Solution: Our Turbines

Our short (60' 9" tall) turbines do well in turbulence because they have two arms per blade and their drive shaft and central mast are aligned vertically. Our "aeroelastic" modeling results prove its effectiveness.

To survive the gusts andратness in the wind layers closer to the ground, a vertical axis wind turbine with an all steel rotor and aluminum blades is needed.

Our field validated modeling predicts that we made the Wind Harvester 4.0% blades, rotor, tower, and foundation so strong that they will last 70+ years. The turbines' permanent magnet generators and drive shafts will also last that long with regular refurbishing. At the end of its life, 99% of a Wind Harvester is recyclable metals.

Business Model

How We Make Money



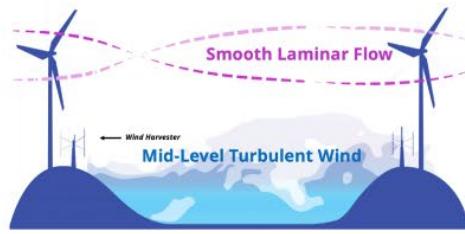
Wind Harvester Sales as Initial Primary Revenue Stream The sale price of each Wind Harvester will initially include an average markup of \$60,000. Our own projects and most new customers will pay extra for extended product warranties and 24/7 fault monitoring. Both income streams increase with larger projects and sales.

Subsidiaries and Projects Development fees and project profits will flow to Wind Harvester through subsidiaries. Being first to the mid-level wind market allows us to secure site control of important, windy properties that will feed our project development pipeline for years.

Licensing of Intellectual Property With seven pending patents, we believe any competitor will need to license our IP in order to make VAWTs that can withstand turbulence. We don't show it in our financial projections below, but anticipate more net income will come from licensing our IP to wind turbine manufacturers than through our own sales and projects.

Market Projection

Only Wind Harvesters Can Handle Turbulent Wind



Primary Market: Wind Farms

The need for [climate restoration](#) increasing the urgency at which governments and economies transition to renewable energy. With the new tax credits and subsidies for wind turbines, we believe hundreds of thousands of our compact Wind Harvesters and other VAWTs that use our patents will be installed beneath and around tall turbines in new and existing wind farms over the next decade.

Wind Harvesters and traditional turbines can [synergistically work together](#). They can be placed such that they cause the wind to speed up into each other's rotors. The faster the wind passes through a turbine's rotor, the more energy it produces.

Adding our turbines to harvest the unused mid-level wind will sometimes triple or more a wind farm's energy output. Our products open an existing \$400 billion undeveloped market that should double over the next decade.

In many places, Wind Harvester projects will be the least expensive, most easily developed energy available.



Distributed Energy Markets

We will sell many Wind Harvesters to projects that connect directly into the distributed grid where the wind is substantial and tall turbines can't go. Examples include:

- High energy using facilities with tight setback easements
- Airports and military bases where HAWTs cause radar problems
- Islands like Barbados with great trade winds
- Telecom towers on windy ridgelines and hills



Accessing Additional Markets: Reliable Local Energy



Because wind often blows at night, our turbines can operate seamlessly with solar and storage. Projects that include Wind Harvesters can supply more dependable, low-cost clean energy to local distribution grids and help residents and businesses avoid extreme weather-induced blackouts.

Due to regulatory setback requirements, projects with tall turbines often reaching over 300 feet above the ground cannot secure permits where mid-level winds are powerful.

Competition

Competitions and Licensing Our Proprietary Technology

Wind Harvesters will be the first utility-scale VAWT designed to operate in turbulence. Other turbine manufacturers are working on entering the field but will need to use our patents to make big and durable VAWTs.

Licensing and strategic collaboration offers Wind Harvest a way to leverage other companies' expertise, capital, and experience to dramatically increase company revenue and support the growth of wind energy. The wide open, mid-level wind market is so vast that major international companies will attempt to make their own VAWTs. They will find it more profitable and faster to license our patents.



Being Safe for Wildlife Opens New Markets

Scientists expect that the three-dimensional structure and lower blade tip speeds of H-type VAWTs will make them more likely to be seen and avoided by birds and bats. Our projects will test this by using advanced motion detection technology to record interactions and slow or even stop our turbines before flying wildlife have a chance of being harmed. We intend to have the most wildlife-friendly wind technology available.

Traction & Customers

Wind Harvest Sales Pipeline

Wind Harvest Renewables Developed Projects	Location	Wind Harvesters Sold		
		2024	2025	2026
Various	Barbados*	10	60	*
Anza Hills Projects	Riverside County, CA	14		80
U.S. Air Force Bases	CA, SD, Guam	2	20	70
Wind Harvest 2023 Project LLC	UL Test Facility, TX	3		
High-Energy Using Facilities	USA		14	70
Abbey-Ecosse Energy	UK*		2	*
Solano County Projects	Solano, CA		14	28
Other Wind Harvest Projects	Various			50
Licensee Pilot Projects*	International		20	40
Turbines / MWs Sold		29 / 1.64	130 / 6.6	328 / 16.4

Our first sale will include the Model 3.1 and five Wind Harvester 4.0s at the UL Advanced Wind Turbine Testing Facility in Texas. This \$3 million dollar project will be sold to a new company called Wind Harvest 2023 Project LLC and will be eligible for almost \$1M in tax incentives.

Before we can sell thousands of Wind Harvesters to wind farm owners, we need to prove that they are wildlife friendly, compatible with tall turbines, and bank financeable. We are on schedule to accomplish this in 2025. In the meantime, we are developing projects that open up new distributed energy markets with our turbines.



For example, our first pilot projects in Barbados will provide critical data for the "cumulative environmental social and economic impact analysis" that is needed before hundreds of Wind Harvesters are installed in this small country.

Dr. Ariana Marshall, the Caribbean Sustainability Collective and Eco-op School have been leading our efforts. Short Wind Harvesters will be important to producing inexpensive energy for Barbados and other tradewind islands so they can transition away from expensive diesel generation. With energy from wind, sun, and storage, these islands can be energy self-sufficient. In the process, Bajans can solve their drought induced water shortages, create local manufacturing jobs, support local communities and much more.



Investors

Wind Harvest International Inc. through its subsidiary Wind Harvest Pilot Project Inc. has conducted a Regulation CF/506c offering in 2020-2021 that raised \$1.94M. It conducted a second Reg CF/506c offering starting in October 2022 that ended in January 2023 and raised \$470,000.

Terms

Promissory Notes offered by Wind Harvest Pilot Project Inc. come with a Security Guaranty from the parent company Wind Harvest International Inc (WHI). The first \$93,270 in Notes receive an 8% interest. The remaining Notes receive a 7% interest payment made annually 60 days after the end of the year. The Notes have a Maturity Date of Dec. 31, 2027. For each \$1 invested, the Note Holder receives pro-rata proceeds from the sale of 2.5 shares of WHI common stock from warrants with an exercise price of \$0.01 each. The current share price is \$0.09 each.

Risks

As an investor, please be sure to read and review the Offering Statement. If you have any unanswered questions, please be sure to utilize the communication channel on this page to ask the issuer questions.

A crowdfunding investment involves risk. You should not invest any funds in this offering unless you can afford to lose your entire investment.

In making an investment decision, investors must rely on their examination of the issuer and the terms of the offering, including the merits and risks involved. These securities have not been recommended or approved by any federal or state securities commission or regulatory authority. The U.S. Securities and Exchange Commission does not pass upon the merits of any securities offered or the terms of the offering, nor does it pass upon the accuracy or completeness of any offering document or literature.

These securities are offered under an exemption from registration; however, the U.S. Securities and Exchange Commission has not made an independent determination that these securities are exempt from registration.

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