



ENERGY & WATER SOLUTIONS

Water Abundance XPRIZE – Finalist

2018 XPRIZE - Technology Innovation Achievement Award

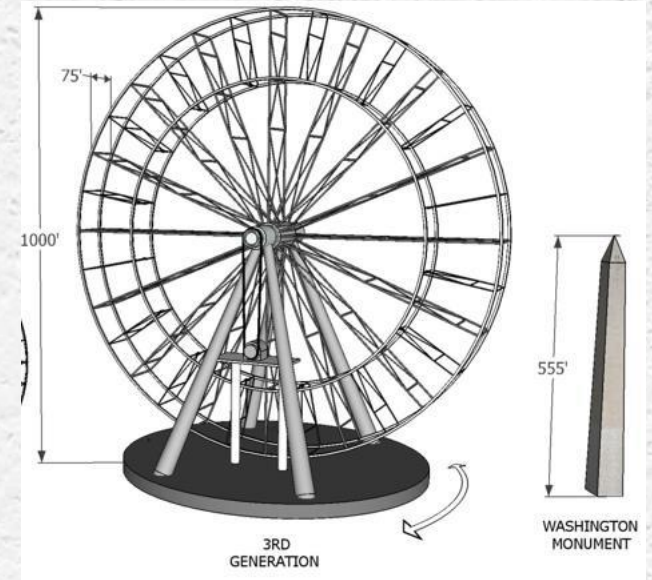
250 kW JMCC WING Gen – eV Car Charging Franchise



Strategic Alliances
with Car Charging
Manufacturers

day & night - 95% energy from wind

JMCC WING, LLC has 3 Investment Opportunities - based on size range



X

SMALL

2 TO 250 KW

Direct sales (Farm and Ranch,
eV Charging, Recreation, MIL)
On/Off Grid

MEDIUM

10 TO 25MW

Sale Electricity – Grid only

LARGE

100 TO 250 MW

Sale Electricity – Grid Only

James McCanney



- MS Nuclear & Solid State Physics – Tulane University
- 25 Years Electronics Industry
- 10 Years University Level Teaching Physics / Math
- 20 Years - Owner - JMCC Water Filter Company
- 5 Years - Owner & Patent Holder – JMCC WING, LLC
- 2018 XPRIZE – Technology Innovation Achievement Award

5000 Years of Wind Devices



I finally got it right

Patent – Trademark - SCALABLE

Like going from a Propeller Airplane to a Jet Airliner

24 Improvements (page 1 of 2)



VS



- Captures 95% of Wind Energy
- Aero Dynamic Lift in rotary directions
- High Torque outer edge of WINGS
- Shroud Maintains wind in tunnel
- Principle of Jet Engine
- Self Starting Low Wind
- 50 to 80% efficient
- Ultra light weight Carbon Fiber
- Recyclable

- 95% of Wind blows through blades
- Aero Dynamic Lift Perpendicular
- Lowest torque outer edge
- Wind slides off edge of blades
- Principle of Propeller
- Requires internal motor to start
- 20% efficient
- Blades weigh 65 tons each
- Not recyclable

24 Improvements (Page 2 of 2) JMCC WING Gen vs 3 Blade Turbine

- Scalable to 250MW
- Small Footprint
- Design Grows in 3 Dimensions
- Birds and Bats see it – Eco Friendly
- Low RPM – No EMF radiation
- Heavy Equipment on the ground
- Off shore on moveable barges
- Off Shore Maintenance – barge to port
- Construction from fixed ground platform
- Maintenance from fixed ground platform
- 15% of materials are in support structure
- Available in Small Medium & Large
- Works at low to very high wind speeds
- Aligns with wind
- 50 year life cycle

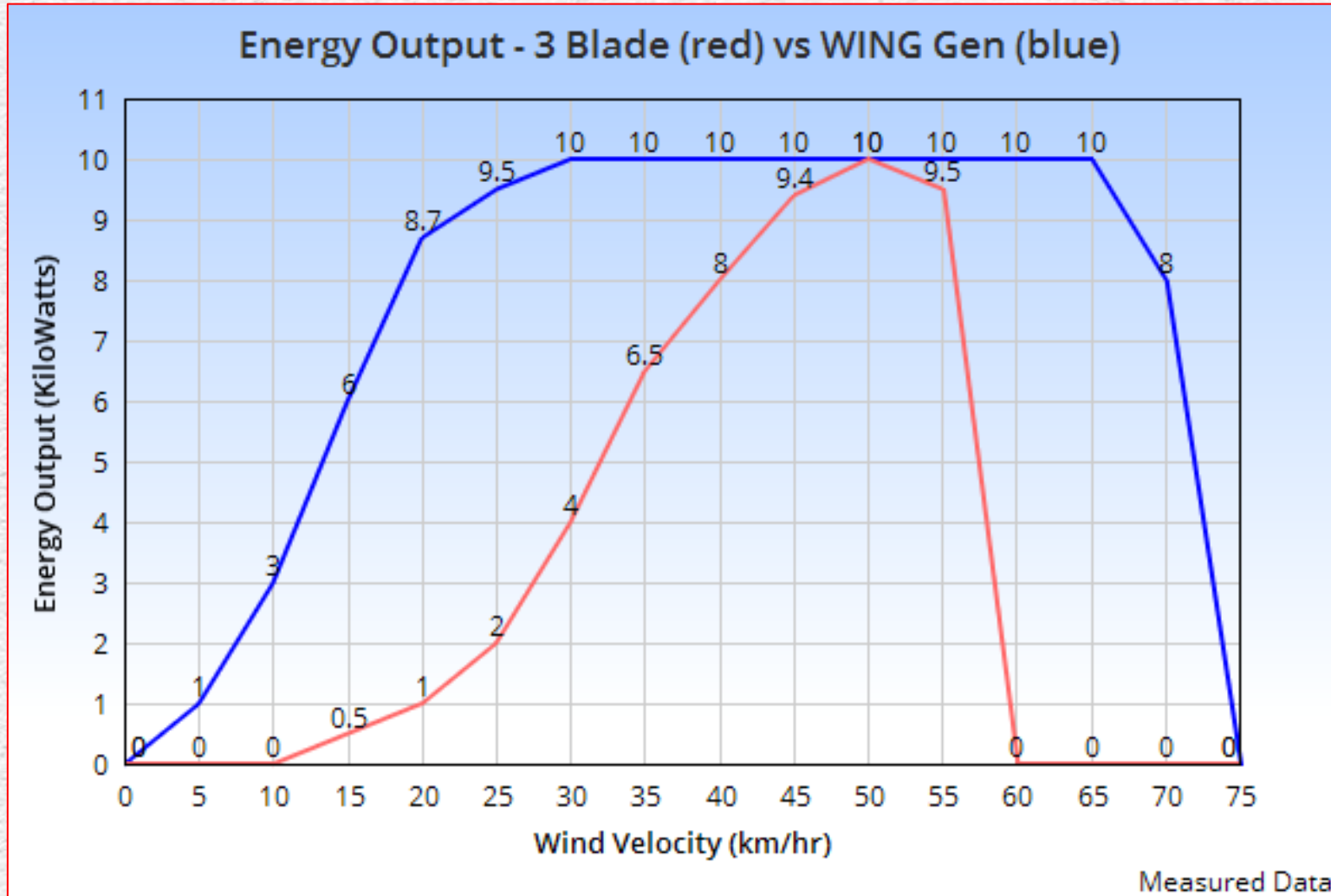
- Scalable to 6 MW (max 10 MW)
- Large footprint
- Design grows in 2 Dimensions
- Kills birds and bats
- High RPM – High EMF Radiation
- Heavy Equipment at top of tower
- Off Shore massive base – destroys fishing
- Off Shore maintenance – difficult in sitio
- Construction using massive crane
- Maintenance from massive crane
- 90% of materials are in support structure
- Abandoned Small Market – No Large Market
- Very narrow range of Wind Speeds
- Very Complex system for Wind Conditions
- 15 year life cycle (20% fail within 2 years)

Solve World Energy Problem ?

YES

NO

WING Generator vs 3 Blade Turbine



WING (blue line)
operates low to high wind speeds

3 Blade Turbine (red Line)
Narrow operating range

WING Produces More Energy

WING Gen vs 3 Blade Turbine vs Solar – Large Scale

COMPARISON	WING Gen	3 Blade Turbine	Solar
Footprint 100 MW	2 acres	375 acres	600 acres
Cost	\$75 Million	\$375 Million	\$720 Million
Batteries	No Batteries	\$200 Million	\$400 Million
Lifetime (to 50%)	50 years	15 years	10 years
Efficiency	50 to 80%	20%	20%

JMCC WING, LLC TEAM

- **James McCanney**, M.S. Nuclear and Solid State Physics - Electrical Engineer – **CEO - Owner, Inventor.**
- **James Lienemann**, MBA Finance and Accounting University of Nebraska also BA Chemistry – **Product Management & Investor.**
- **Kent Mabee** - Consultant, Received and Degree in Electronics from the US Air Force (1992) with a BS in Electronics Management (1994) from Illinois Southern University.
- **Fish and Richardson, Law Firm Minneapolis/Boston** - F & R is the **Legal Firm** that has performed all legal work for JMCC WING, LLC from its inception including Patents Trademark Registrations Contracts.
- **AIG Insurance Group & Berkley Group** - AIG international **insurance company** for manufacturing and sales. Berkley Group is our domestic insurance company for manufacturing and sales both A++ rated.
- **Manufacturing Sub-Contractors** - JMCC WING, LLC - **strategic alliances** in the USA, China.
- **Engineering Sub-Contractors** - We subcontract certain engineering work to assure compliance with international ISO standards.
- **Gary Kaawa** - Gary is a Native Born Hawaiian - **staging and logistics large machinery.**
- **Thomas McFadden** - **Market Research and Loss Prevention Analyst.**

MARKET SHARE & OPPORTUNITIES

Electricity Water Solutions – ON / OFF Grid

- Farm & Ranch
- **Electric Trucks & Tractors**
 - Islands
 - Eco-Villages
- **eV car charging stations**
 - Hydrogen
 - Recreation – Cabins
- **MIL – conversion of fleets to eV**
 - Disaster Relief
 - Heating - Refrigeration
 - Humanitarian Aid



CONTACT

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