







Investment Opportunity

We Significantly Lower Solar Farm LCOE

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Problem 1: Too Much Cost & Risk

- Small rows (2X parts)
- Add-on wind dampers
- Inefficiencies & Losses
- Wind failures





= High LCOE (Levelized Cost of Energy)







Problem 2: Costly Fixes & More Risk

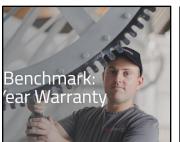
- Restricted access
- Complex distributed drives
- Exposed hazards
- Self-shaded bifacial loss



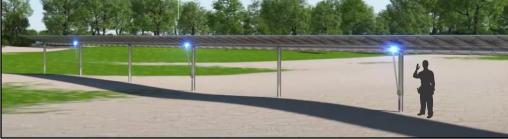




= Higher LCOE



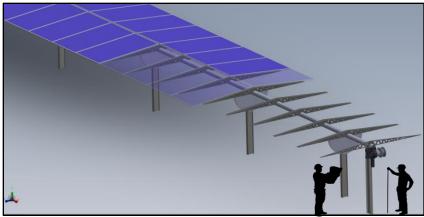






Solution: Patented Simplicity

- Balanced 2P Superb wind-hold
- Least steel
 Highest bifacial gain
- 360° Access Simple Distr. Drive



= Lowest LCOE (4% - 10% reduction!)









Patented USPs

1. Simple Bearings: Loose fit round steel-on-steel, no plastic bushings, self-aligning, natural friction damping, integral elect gnd. path, exit windows for rigging hold.

2. Round Torque Tube: 25% less steel than square, use as trolley rails, supports pull-rigging within, reflects sun to release bifacial choke-up.

3. Independent Tapered Purlins: Least steel, no sediment ponds, wind stable, low center of gravity, up-down or coplanar, good for Agri-PV.

5. Semicircular Lever Arm: Safe, up high, out of the way, rigging guide for winch E-W in-out linearity, 6X leverage.

6. Strategic Reflectors: (not shown, pat. pend.) Retrofit onto any torque tube to supplement backside shadowed bifacial cells to **release significant 50% chokehold** on entire string. Can also compensate backside shadows cast from posts.

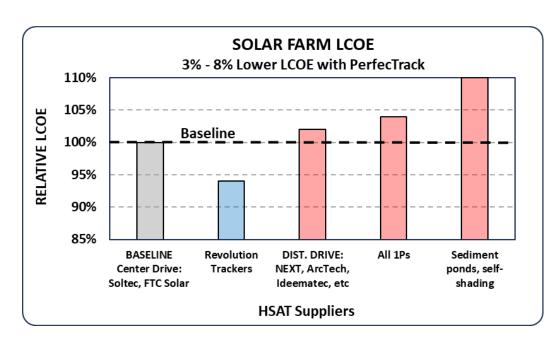
4. Rigging Drive: Safe, up high on end post next to service road, leveraged 6X, pulls & feeds E&W pull-rods with take-off cables for distributed wind-hold at a plurality of posts.

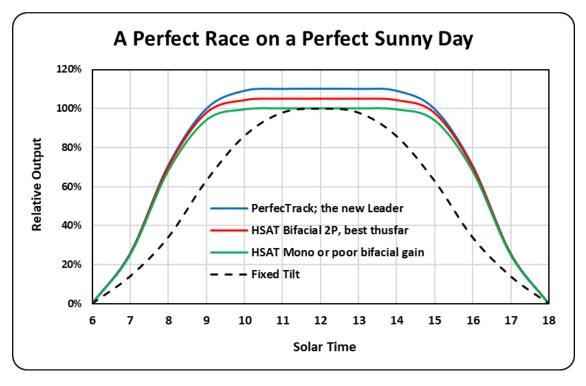


Lowest LCOE = Highest Product Value

- 2% lower PV farm cost (faster-better-cheaper)
- + 4% more capacity (bifacial release)

= 6% lower LCOE (minimum)

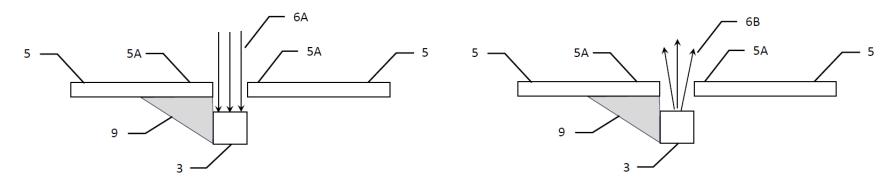




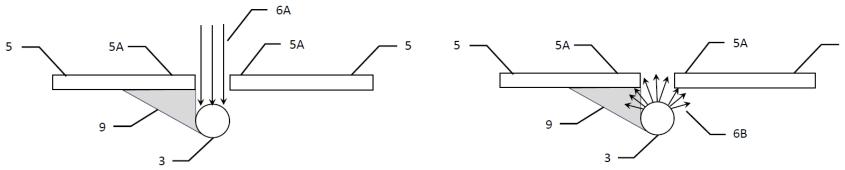


Our HSAT's Bifacial Increase

The row of backside PV cells adjacent to the torque tube are darkened by the tube's soft shadow and limit (waste) the 92% rest of the PV cells in every PV module.



Our round tube splashes bright sunlight over to those 2 darkened rows, releasing their chokehold, a natural light lever to increase solar farm output (kW & kWh/kW).

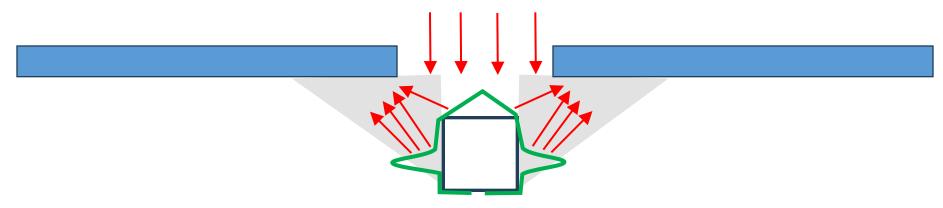




Product #2: Add-on Reflector

- After-market product
- Add-on Reflector for any HSAT supplier's torque tube
- White vinyl, about 1-meter in length
- Sell to existing and new PV solar farms with bifacial 2P
 - * Follow the big sales, big projects, large developers and large EPCs (contractors)
- Instant performance increase is recorded on day one
- Asset owners will open more sales. Long term contracts, opportunity to license.

Compensates darkened cells, releases chokehold on well-lit bifacial area





HSAT Competitive Landscape

Row Width:	Large 2 PV modules in portrait ("2P")					Small 1 in portrait ("1P")	
HSAT Company:	Sun and Steel Solar	FTC Solar, Soltec	NEXT Tracker	Trina, Arctech	Ideematec, Schletter	Omco, Game Change	Sun Folding
Steel: Tons/ MW	40	~50	~45	45	~40	~35	~30
Drives/Row	1	1	9	3	5	1	9
Drive and Hold	Rigging	Center	Gearboxes/Shafts		Gears/Shaft	Center	Air Bags
Complexity	Low	Low	High	High	Med	Med	Med
Сарех	\$	\$\$	\$\$	\$\$	\$	\$	\$\$
Install & Opex	\$	\$\$	\$\$\$	\$\$\$	\$\$	\$\$	\$\$
30-Yr Price	\$	\$\$\$	\$\$\$	\$\$\$	\$\$	\$\$	\$\$
Bifacial Output	110%	105%	103%	103%	105%	102%	100%



Milestones

2018

- Seed \$
- NV LLC
- 2 Prototype rows
- 3 Patents pending

2021

- Improvements
- Testing complete

2023

- 8 Patents, 3 Pending
- Reflector tests
- Prepare C-Corp rebrand to Revolution Trackers

2019 - 2020

- Prototype testing
- 2 Patents awarded
- 5 Patents pending

2022

- Refined design
- Rigging drive

2024

- Grants / Round A
- Pilot projects
- Bankability
- Sales for 2025

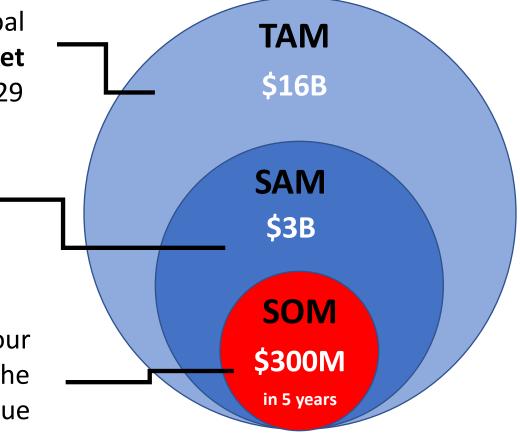


Target Market - HSAT

Fortune Business Insights quotes the global single axis tracker's Total Available Market currently at \$6.8B with growth to \$16B by 2029

A focus on the Americas and the European Agri-PV tracker market yields a Serviceable Area Market of \$3B/Yr

Our **Serviceable Obtainable Market** is driven by our lower price for a conservative growth to 10% of the SAM in five years for **\$300M** annual revenue



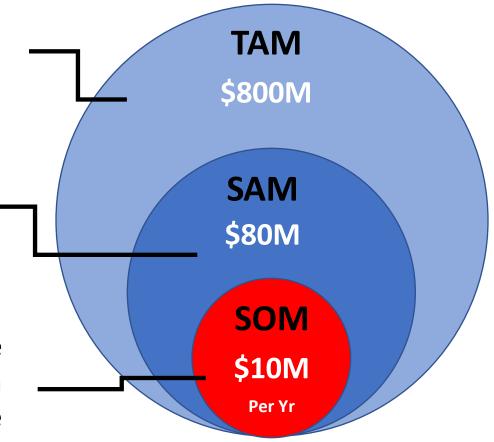


Target Market - Reflector

Fortune Business Insights quotes the global single axis tracker's Total Available Market currently at \$6.8B with growth to \$16B by 2029. The reflector is a \$0.01/W for a \$800M TAM.

A focus on selling the reflector to new solar farms in the US yields a Serviceable Area Market of \$80M/Yr

Our **Serviceable Obtainable Market** is driven by the one-year payback of the reflector, yielding an immediate SOM of **\$10M** annual revenue





Business Model – Sell & License HSAT

- Ship direct from steel factories & OEM suppliers to site
- Active Project Managers for each contract
- Gross Margin: 35% on sales, high TBD on licensing

<u>Sales Price</u> Tracker: \$8k/Row

<u>License Price</u> Tracker: \$500/Row Sales Volume
30,000 Rows (2 GW)

<u>License Volume</u> 60,000 Rows (4 GW) Sales Revenue \$240 M

<u>License Revenue</u> \$30 M



2nd Product Biz. Model – Sell Reflectors

- Ship direct from vinyl extruders to project sites
- Active Project Managers for each contract
- Gross Margin: >100%

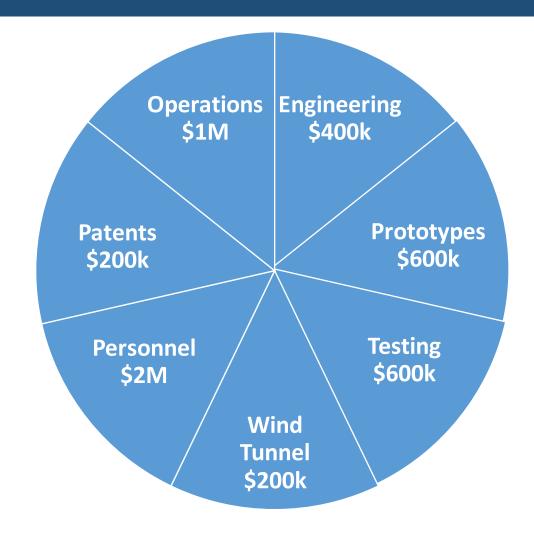
<u>Sales Price</u> Tracker: \$500/Row Sales Volume
20,000 Rows (1 GW)

Sales Revenue \$10 M



The Ask

- \$5M for 25% equity
 - = \$20M pre-money
 - Forward with HSAT pilots, bankability, logistics, project management, sales & 2025 growth
 - Same for the reflector
- Or \$15M M&A





Team







Robert Dally
Managing Member
Founder, Engineer,
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Engineers, Technicians, Students Fabrication Shops, Indoor Labs, Outdoor Equipment, Field Fab & Test

