



DO-Energy.com

INNOVATION: THE FRANKLIN 2.0

SOLAR HYBRID CO-GENERATION CONCENTRATOR

- DO Energy's solar hybrid co-gen concentrator achieves efficiencies of over 60% more than 4x that of ground mounted PV.
- DO Energy's unit produces a combination of highly concentrated thermal energy and DC electricity



DO Energy's Alpha Prototype Unit

GENERAL		
	Total Theoretical Energy Available	34.22 kWe
ELECTRIC		
	Cell Efficiency Used	31%
	Total Electric Output	10.608 kWe
THERMAL		
	Estimated Thermal Efficiency	39%
	Estimated Thermal Output	13.346 kWe
TOTALS		
	Estimated Total Output Efficiency	70%
	Combined Energy Output	23.95 kWe

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TARGET MARKET:

Our initial target market is the Controlled Environment Agriculture (CEA) market. CEA is an energy intensive industry which offers a direct path to commodification of our thermal energy as well as our electricity.

PROGRESS TO DATE:

- ▶ Do Energy has 1 patent issued and 2 patents filed
- ▶ Do Energy has completed their Alpha prototype unit which was used for the patent process and preliminary testing
- ▶ DO Energy has built relationships with over 20 key players in the CEA space whom have expressed an interest in becoming customers

HERO-X COMPETITION GOALS:

- ▶ Validate Our Technology and Complete a Beta Unit
- ▶ Collect Data and De-Risk the Franklin
- ▶ Initiate Pilot Unit Developments