

# Earthos: The Lowest-Cost Electricity Platform on Earth

Converging Utility-Scale Solar Innovation with High-Performance Compute Infrastructure.



# Validated Economics & Scalable Infrastructure

Earthos has secured “Bankability” for a patented, racking-free solar technology that delivers the world’s lowest Levelized Cost of Electricity (LCOE). We offer access to immediate cash-flowing infrastructure in West Texas and near-term IPO upside within 18 months.



Cost Advantage

**~20% Lower LCOE**

vs. best-in-class tracker systems



Land Efficiency

**<50% Footprint**

for equivalent energy output



Resilience

**195 MPH**

Wind rating & 500-year storm proven



Track Record

**4.5 Years**

Operating data across 43 MW assets

# The Hard Ceiling for AI & Data Centers is Power Availability



**“Batteries don’t generate electricity; they only store it.”**

**The Market Gap:** The industry requires a rapid-deployment generation source to pair with storage. Earthos provides the generation density; partners (Data Power Supply) provide the uptime.

# The Earthos Paradigm: Solar on Dirt

A Global Utility Patent for orienting panels to the Earth, not the Sun.

Traditional Tracker Farm



High Steel Content, Complex Civil Work, Low Density.

The Earthos Plant

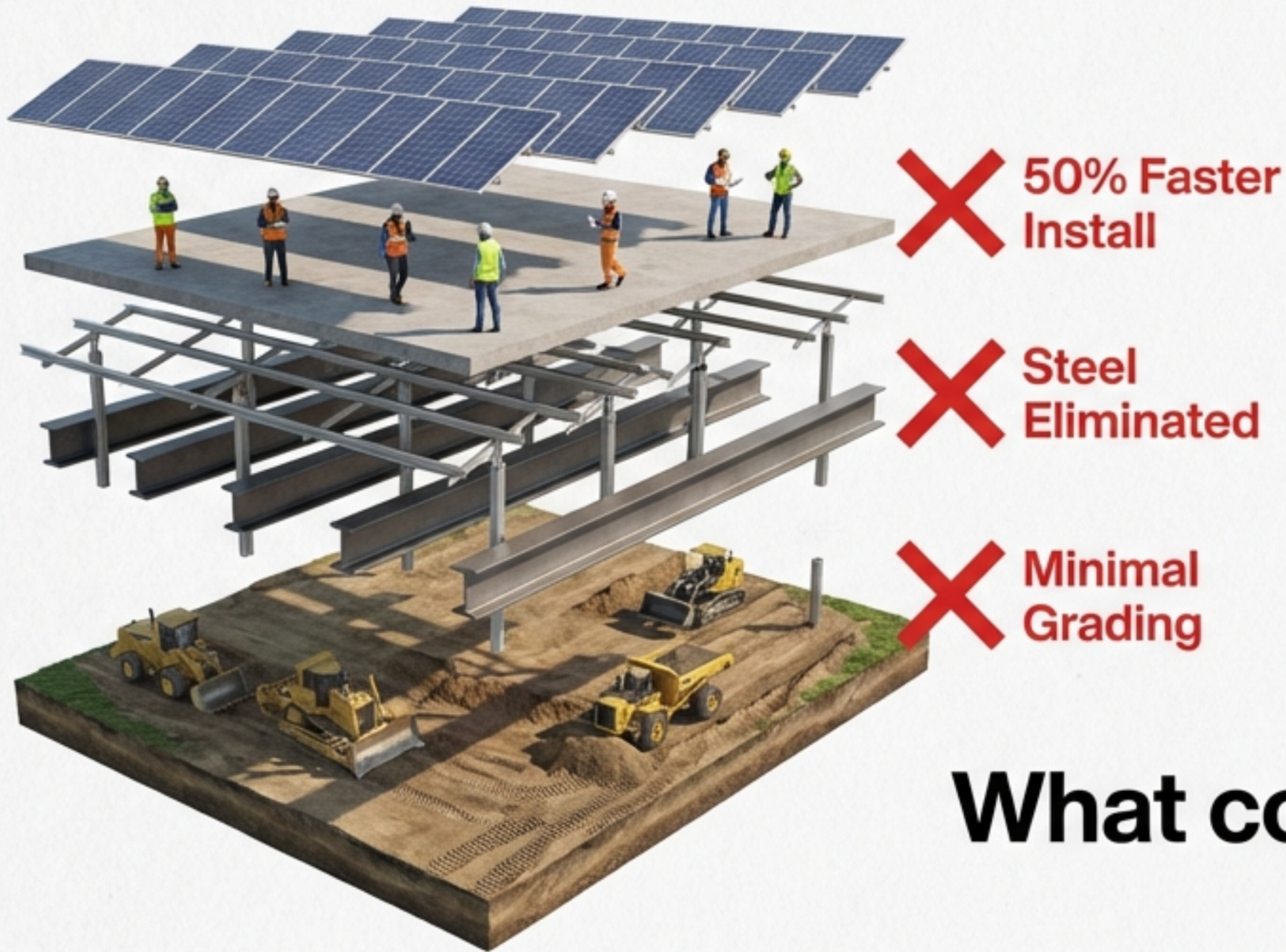


Zero Racking, Aerodynamic, Max Density.

**The Transistor Moment:** Simplifying the fundamental unit of generation to scale effortlessly.

# A Structural Cost Revolution, Not Incrementalism

Eliminating the CAPEX Heavyweights.



**Financial Impact:**

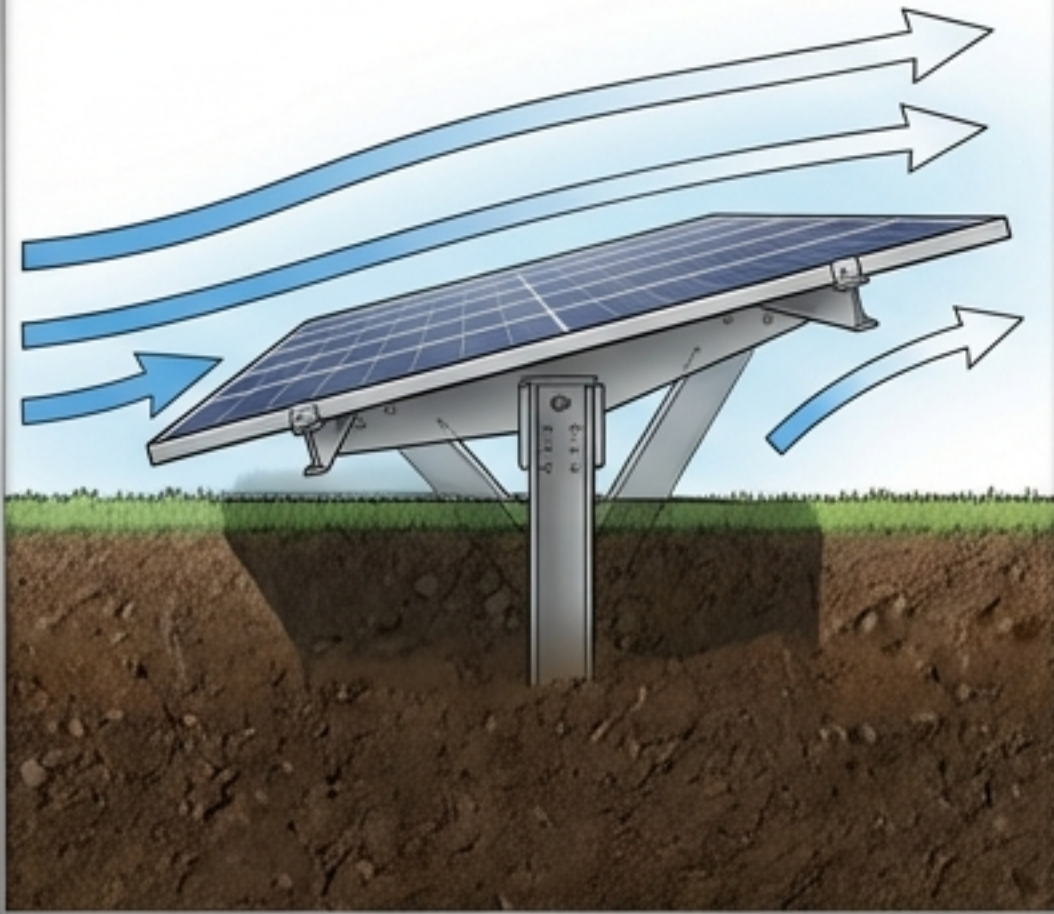
**~20% Lower LCOE**

over asset lifetime vs. bifacial tracker systems.

**What containers did for shipping,  
Earthos is doing for solar.**

# Proven Durability & Autonomous Maintenance

## Wind & Impact



Rated to 195 MPH (Hurricane Proof).  
65mm Hail Proof (Ground support adds rigidity).

## Hydrology & Resilience



Flood Tolerant Design.  
Zero insurance claims after  
verified 500-year storm event.

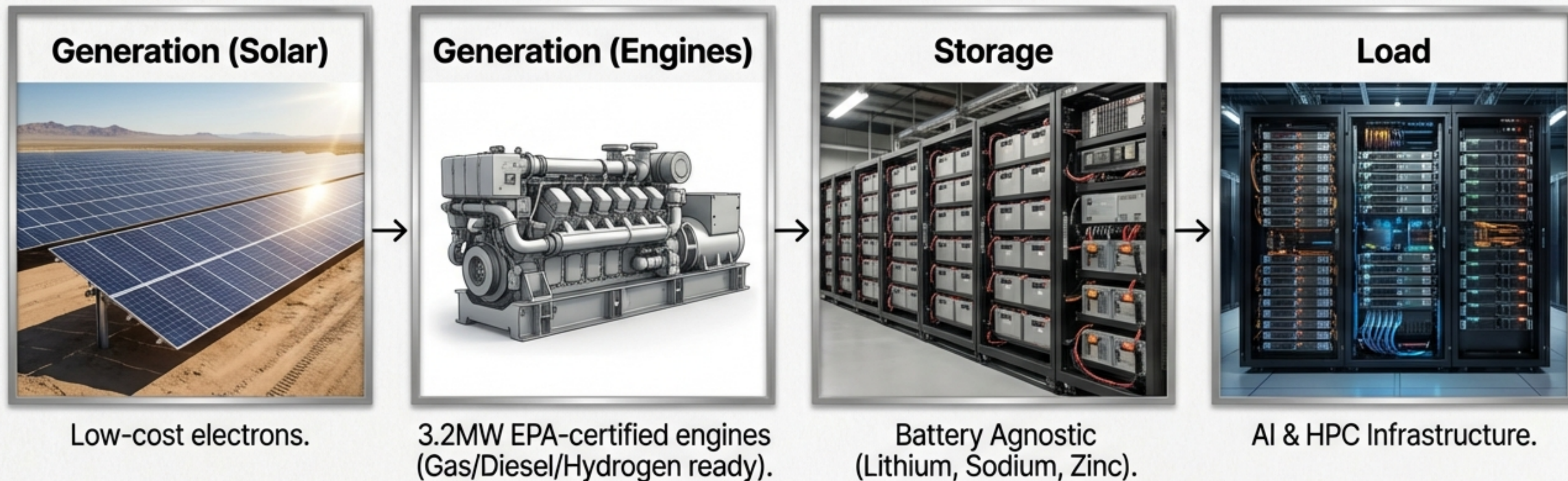
## Operations



100% Autonomous Robotic Cleaning.  
Cleans every panel, every day.  
AI thermal monitoring.

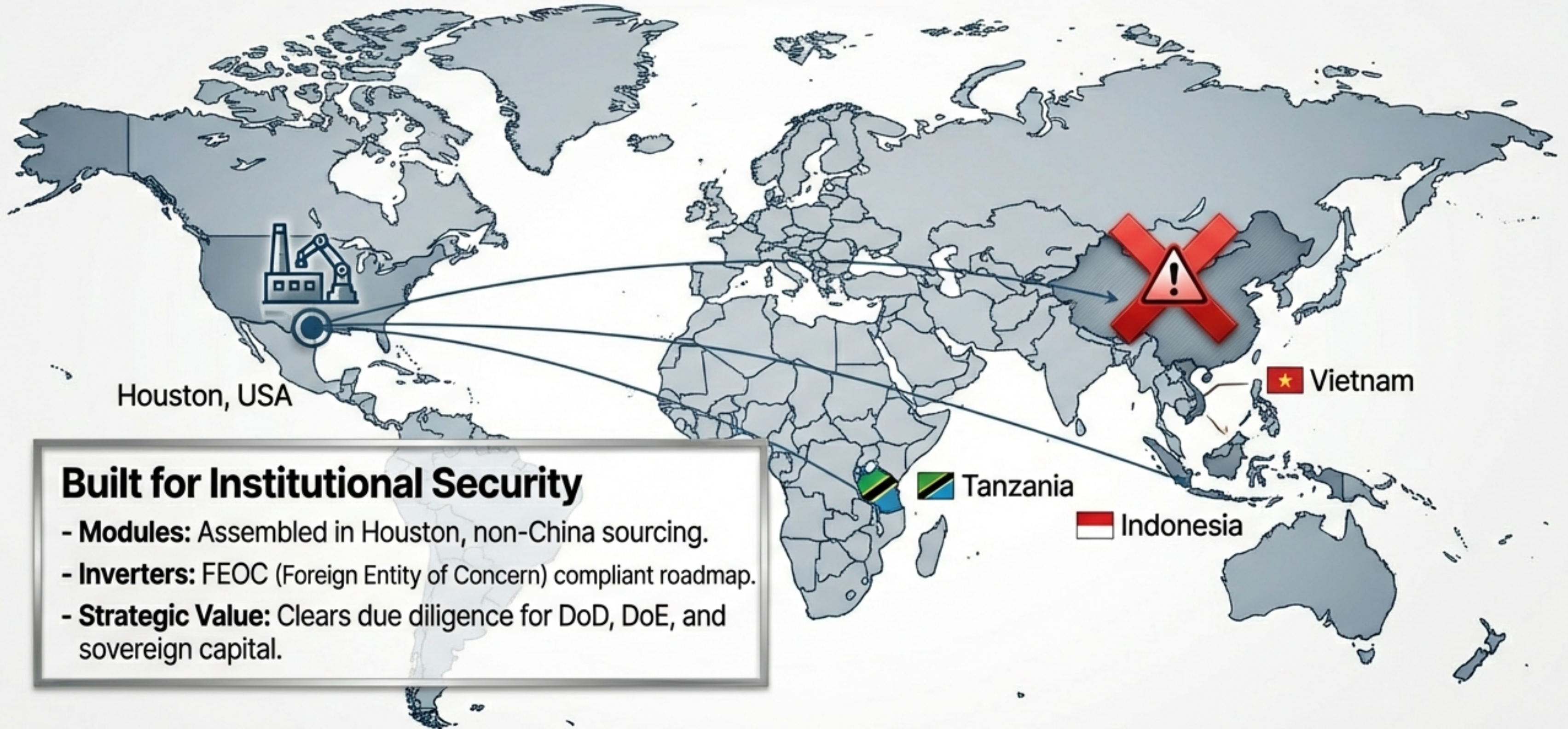
# The Off-Grid Synergy: Solar + Storage + Generation

Earthos + Data Power Supply (DPS) ensures 24/7 uptime for AI.



**Active Deployment:** 17 MW off-grid solar powering Crusoe Data Center (Redwood Materials). Largest off-grid data center of its kind.

# Supply Chain Insulation & Institutional Compliance



## Built for Institutional Security

- **Modules:** Assembled in Houston, non-China sourcing.
- **Inverters:** FEOC (Foreign Entity of Concern) compliant roadmap.
- **Strategic Value:** Clears due diligence for DoD, DoE, and sovereign capital.

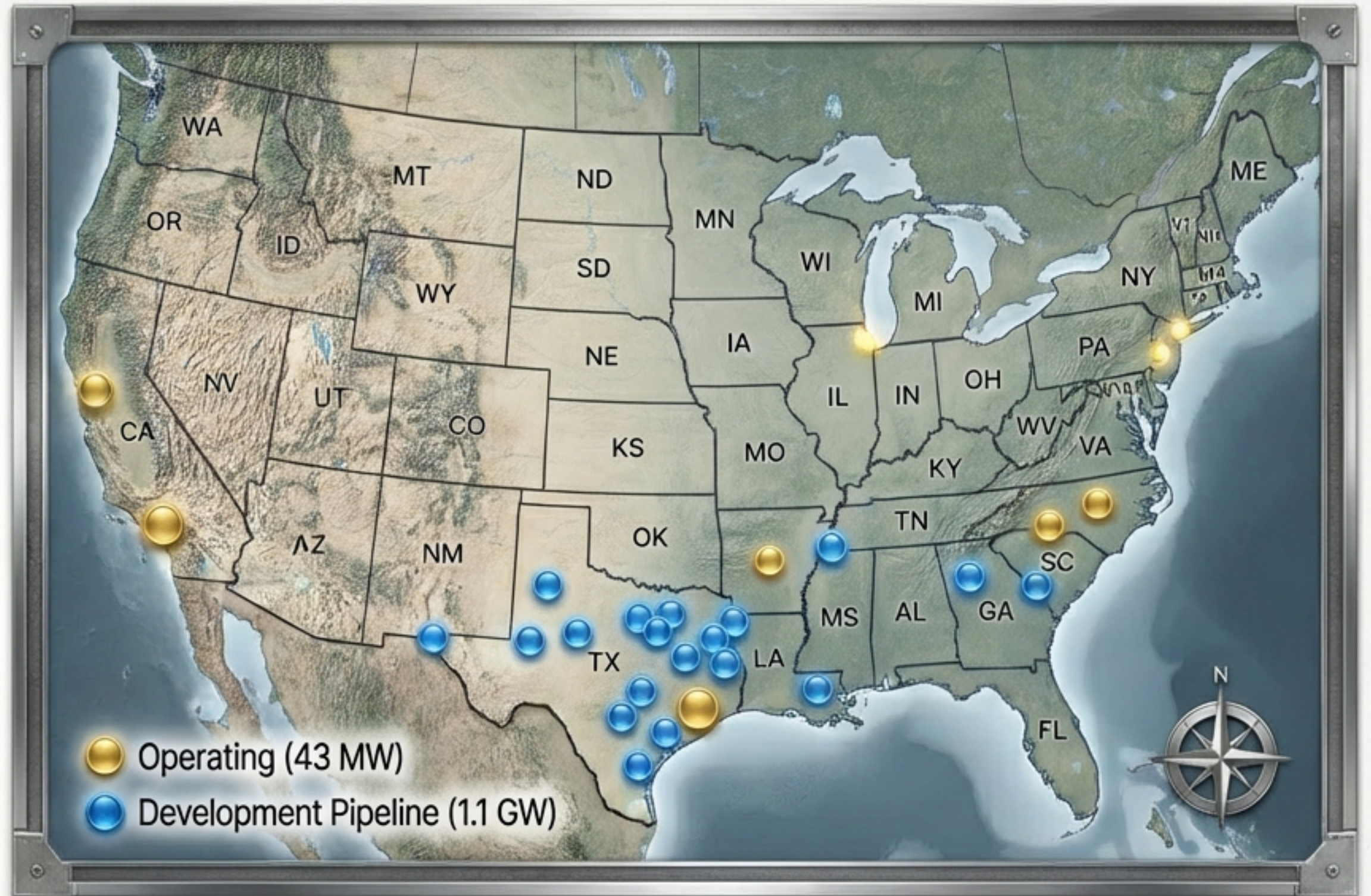
# The Critical Milestone: Achieving Final Bankability

## Definition of Bankability:

The ability to secure long-term, non-recourse debt financing for projects 20MW+.

## Status: Achieved Dec 2023.

- 43 MW Operating (15 Sites)
- 93 MW Pre-Construction
- 1.1 GW Development Pipeline
- 4.5 Years of Operating Data



# Case Study: Land Use Efficiency at Scale

Matagorda County (LyondellBasell Project) – 50MW AC / 93MW DC



**Value:** ~\$80M Project

## **Efficiency Advantage:**

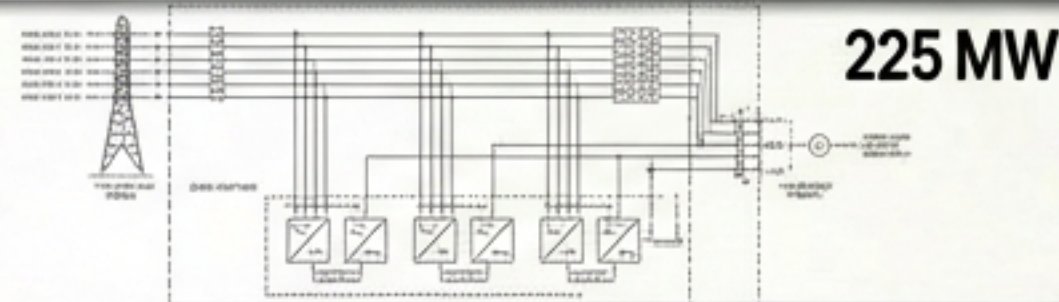
Delivering the same energy output with significantly less land, reducing civil costs and permitting friction.

# Immediate Pipeline: The West Texas Portfolio



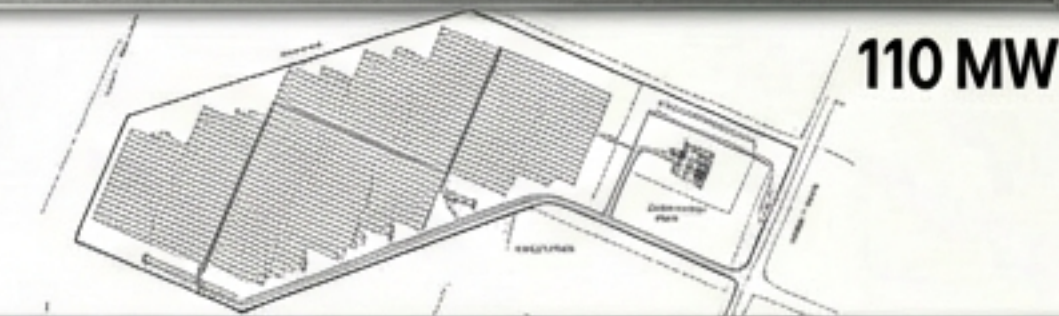
## Longfellow Project

West Texas, Pecos County



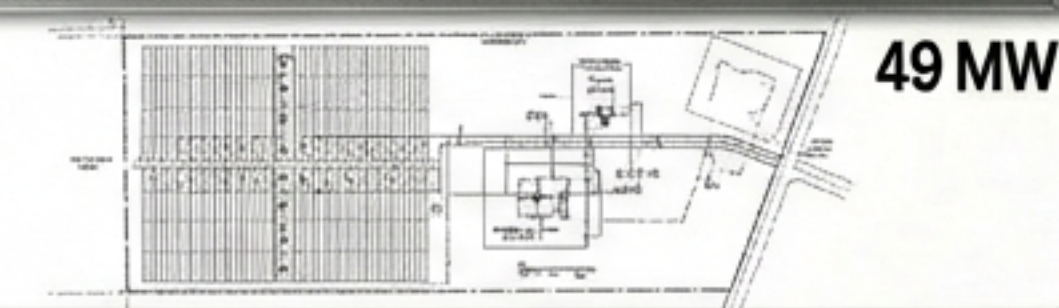
## Sugary Project

West Texas, Reeves County



## Petit Jean Project

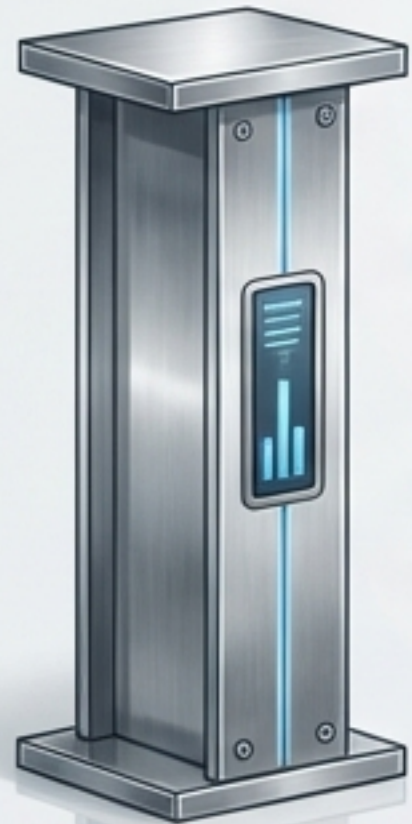
West Texas, Culberson County



## Portfolio Summary

- **Total Scale:** ~384 MW Capacity
- **Asset Value:** ~\$1.5 Billion Fair Market Value (FMV)
- **Status:** Moving from development to cash-flow positive construction.

# The Path to Liquidity (IPO)



**Backlog:**  
Massive contracted pipeline.



**IP Asset:**  
"Solar on Dirt" patent portfolio.



**Tech Platform:**  
Valuation based on scalability, not just EPC margins.

Strategic relationship with Barclays.

# The Dual Investment Opportunity

## Project Fund (\$500M Target)



Direct investment in West Texas Infrastructure.  
• Asset-Backed, Cash Flow, Tax Equity.

## Series C Equity



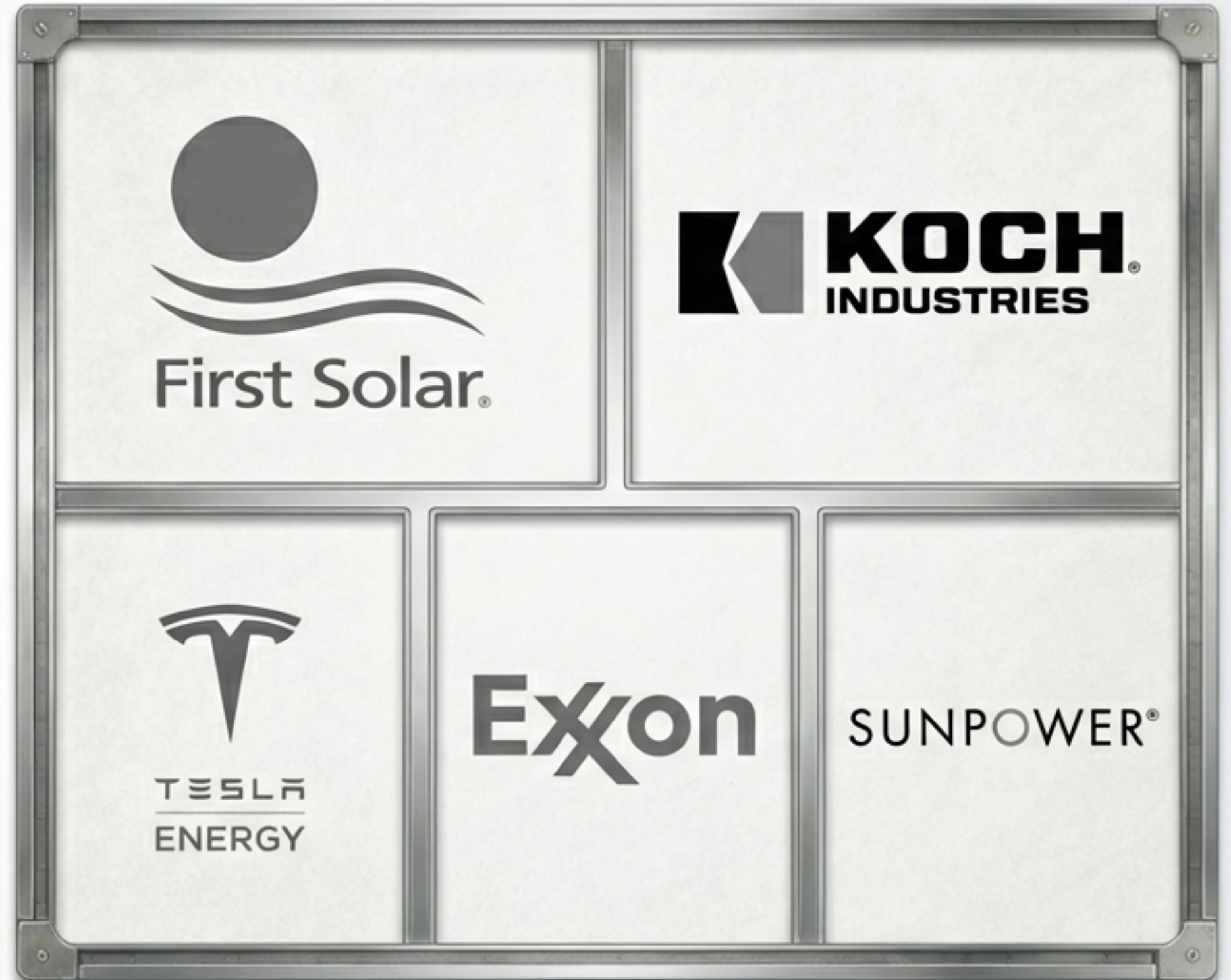
Direct investment in Earthos Parent Co.  
• IP Ownership, IPO Multiplier Upside.

**The 'Dual' Strategy:**  
Risk-mitigated asset exposure +  
Venture-scale tech upside.

# Leadership with a History of Exits

**Jim (Founder):** 25 years in renewables. Former executive at First Solar. Founder of Depcom Power (Sold to Koch Industries).

**Technical Bench:** Leadership includes former Heads of Engineering from SunPower, Exxon, and Tesla Energy.



# The Convergence is Now.

1. Patent on the world's cheapest electricity.

2. Bankability achieved to scale it.

3. Pipeline ready to deploy it.

**Call to Action:** Join the capital stack for the Longfellow Project and Series C close.

**Contact:** [Contact Information Placeholder for Todd/Capital Partners]