



# **Bimergen Energy**

*Optimizing Grids Intelligently*

*NYSE American: BESS & BESS.WS*

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# Owner, Developer & Operator of Utility-Scale BESS Projects

## Offtake/Tolling Agreements

Secured contracted revenue structures providing a revenue floor with meaningful upside potential.

## 100% Project Financing

Project-level debt & equity covers full CapEx requirements, minimizing corporate cash commitments.

## \$250M Capital Committed

\$50M mezzanine financing + JV with BESS manufacturer  
\$200M project equity financing from leading energy company

## ~50% ITC Agreements

Up to 50% of project CapEx monetized through ITC sales with offtake partner support.

## Key Partnerships

Strategic relationships with tier-one suppliers, EPCs, and utilities to ensure execution and scalability.

**23**  
Projects

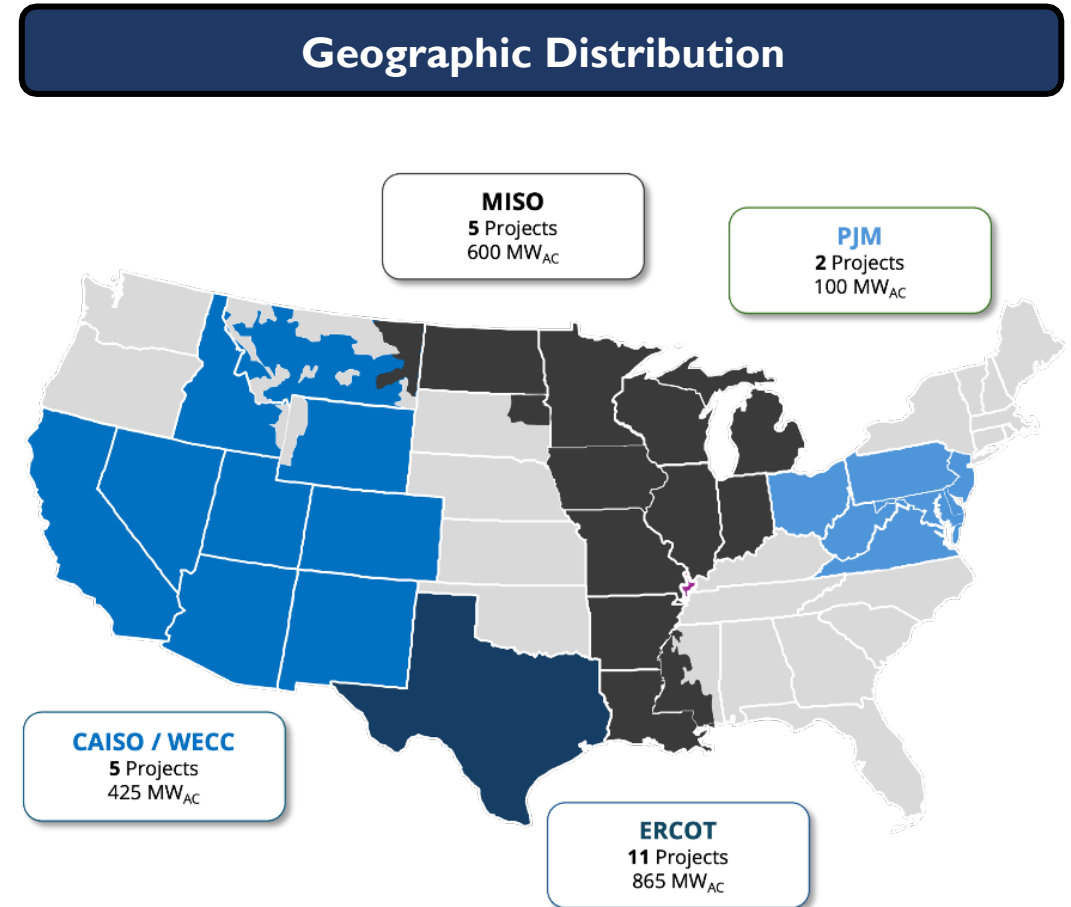
**2.0**  
GW

**\$250M**  
Committed

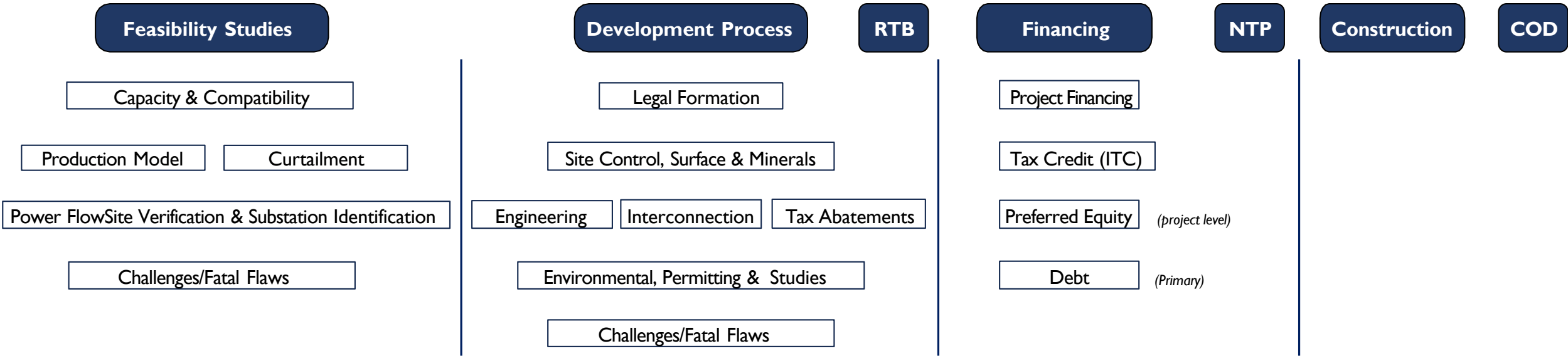


# BESS Pipeline: 23 Projects (~2GW)

Project Name	Total MW <sub>AC</sub>	Location	Region	ITC
Redbird BESS	100	TX	ERCOT	50%
Wildfire BESS	100	TX	ERCOT	50%
Friendship	60	TX	ERCOT	50%
Ladybird	60	TX	ERCOT	50%
Longhorn	60	TX	ERCOT	50%
Pecan	60	TX	ERCOT	50%
Prickly Pear	60	TX	ERCOT	50%
Yellow Rose	60	TX	ERCOT	50%
Bright Light	60	TX	ERCOT	50%
TPLT I-10 BESS	100	TX	ERCOT	50%
WR Ranch TX BESS I	120	TX	ERCOT	50%
TPL EPE	25	TX	WECC	40%
X-One Solar Ranch I	100	AZ	WECC	40%
Dudden Ranch I	100	AZ	WECC	40%
Aldahra Farm I	100	AZ	WECC	40%
Aldahra Farm 2	100	AZ	WECC	40%
BL PJM BESS I	50	VA	PJM	40%
BL PJM BESS 2	50	PA	PJM	40%
Gibbs Ranch BESS I	120	LA	MISO	40%
Gibbs Ranch BESS 2	120	LA	MISO	40%
TG BESS I	120	LA	MISO	40%
TG BESS 2	120	LA	MISO	40%
Neighbor BESS I	120	LA	MISO	40%
<b>Total</b>	<b>1,965</b>			



# BESS Development Process & Progress

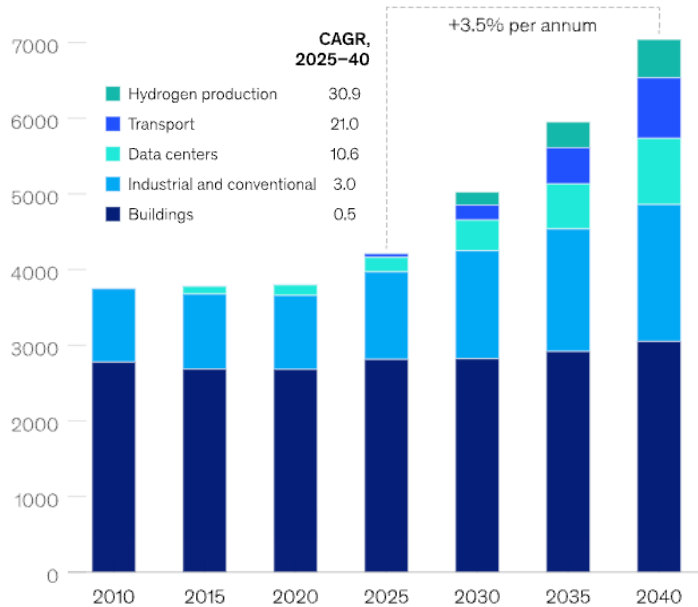


RTB = *Ready to Build* status  
 NTP = *Notice to Proceed* status (after engaging with construction company)  
 COD = *Commercial Operation Date*

# Rising Power Demand & Intermittent Renewable Supply

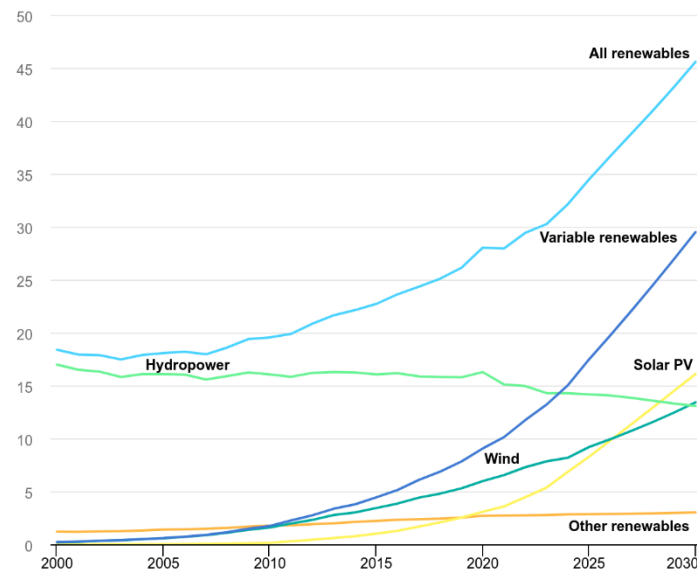
Rapid Acceleration in US Power Demand

3.5% CAGR due to Data Centers, EVs & Industrial Automation (1)



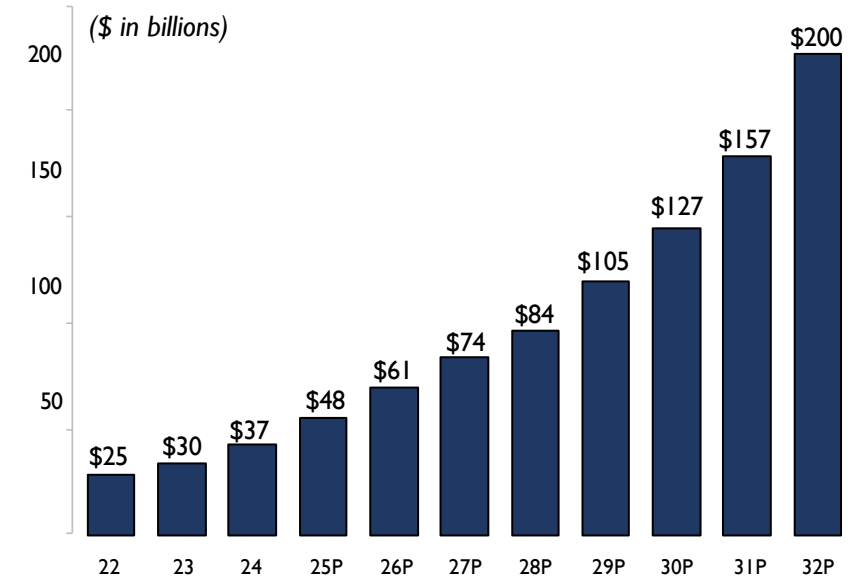
Growing Share of Intermittent Power Supply

Renewables >30% Share of US Power Generation Overtaking Coal in 2025(2)



Critical Need for Energy Storage

GWh deployments up 79% in 2024 & 63% in 2025(3)  
US BESS Market 24% CAGR through 2032(4)

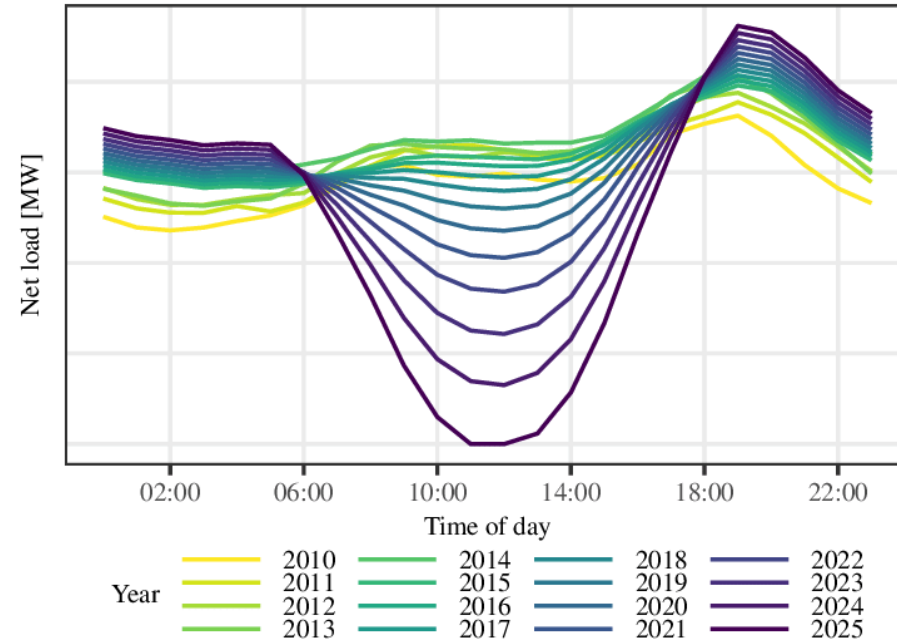
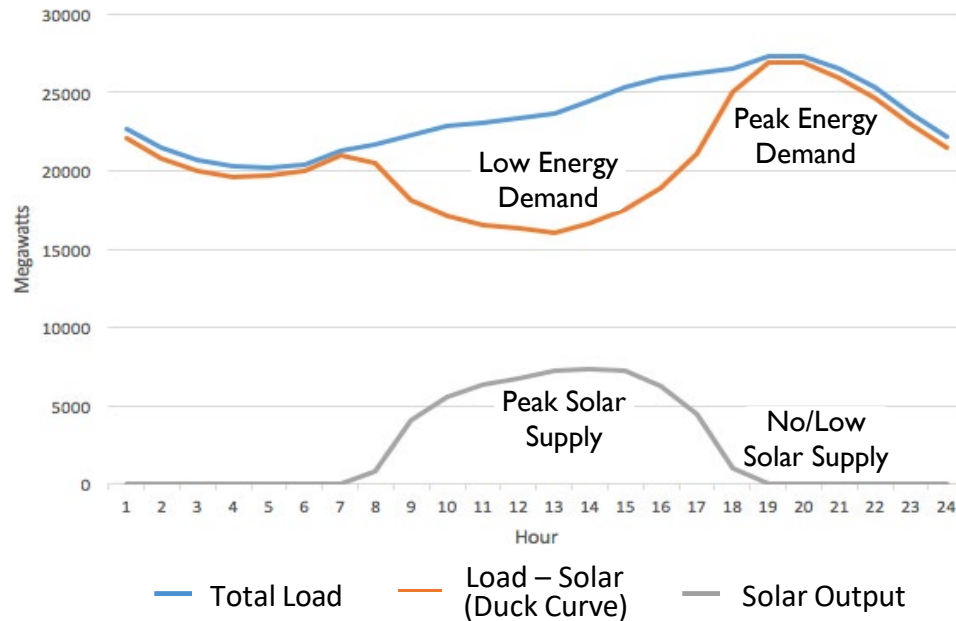


Secretary of Energy Chris Wright: "Battery storage, when paired with reliable baseload power like coal and natural gas, strengthens our grid against blackouts and cyber threats. We're cutting red tape to deploy more domestic systems that keep America powered 24/7."

White House Fact Sheet on Grid Modernization: "The Trump Administration is investing in resilient infrastructure, including advanced battery energy storage, to protect against extreme weather and ensure affordable, uninterrupted power for American families and businesses."

# Deepening Duck Curve

Duck Curve: Daily Timing Imbalance Between Peak Solar Supply & Peak Energy Demand



Grid Instability

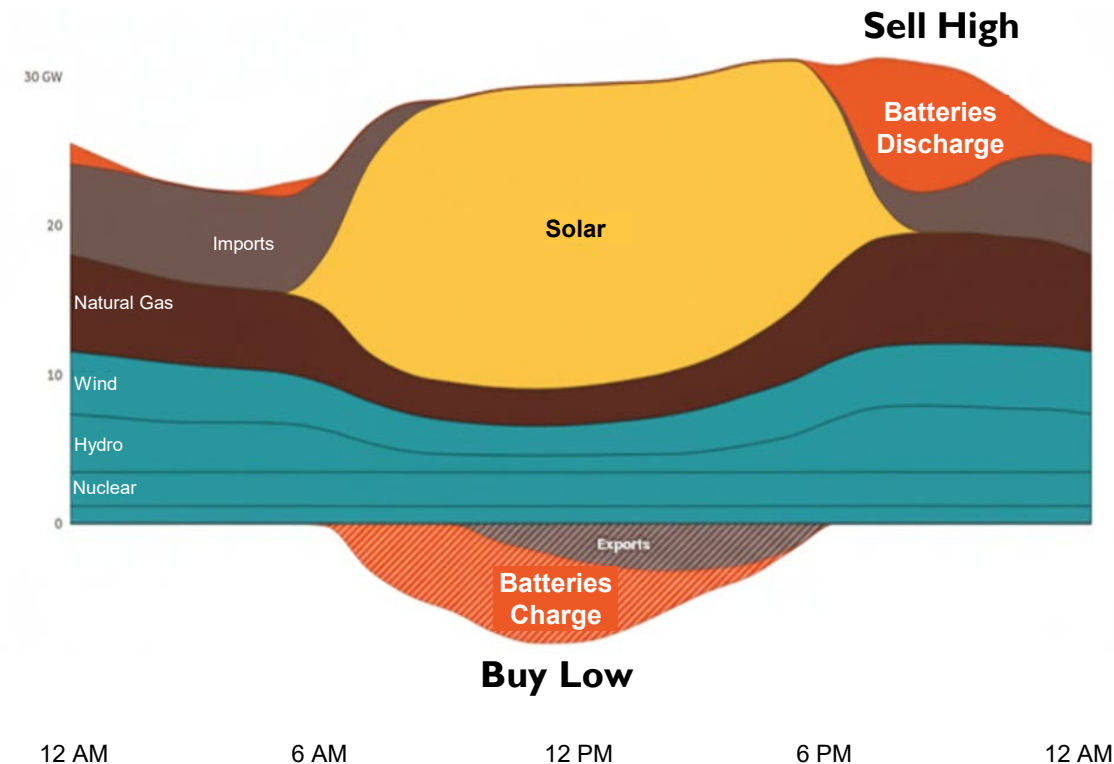
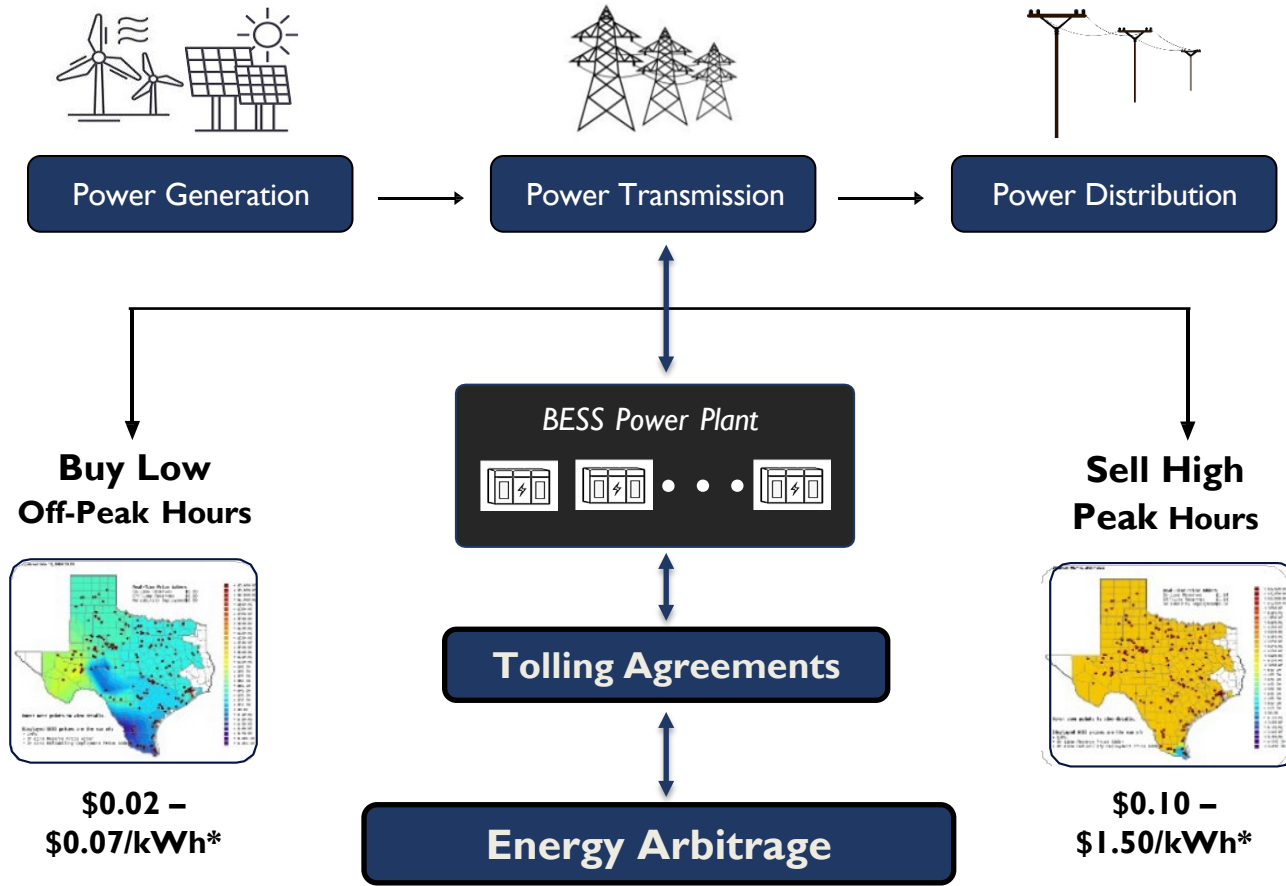
Higher Costs

Curtailed / Wasted Energy

## Energy Arbitrage:

Capture surplus power at peak-production hours → Discharge power at peak-demand hours

# BESS Role in Energy Markets and Grid Optimization



# Strategic Partnerships

## System Integration & Execution

Tier-one systems & EMS platforms **reduce execution risk, ensure on-time, cost-efficient delivery, & accelerate CODs**



Tier-1 Integrator & Development Capital Partner

- ❖ 3.5+ GWh deployed; proprietary EMS/LFP and advanced control software
- ❖ 20 GWh/yr manufacturing capacity for delivery certainty and margin efficiency
- ❖ \$10M immediate funding + up to \$50M through cash, vendor financing & guarantees
- ❖ Enhances execution flexibility and supports long-term U.S. leadership

## Manufacturing & Supply Chain

OEM partnerships provide **multi-GWh, IRA-compliant scale & supply-chain security**, ensuring **delivery certainty & margin efficiency**.



Domestic Zinc Storage Technology

- ❖ One of only four U.S. Tier-1 suppliers
- ❖ 100% depth of discharge, no thermal runaway, 5+ GWh deployed
- ❖ IRA-compliant U.S. manufacturing ensures supply independence
- ❖ \$18.8B pipeline / \$672M backlog across ERCOT, PJM & WECC

## Tech & Chemistry Advancement

**Advanced LFP, zinc, and NCM chemistries** enhances **performance, safety, & flexibility**, enabling **faster CODs & superior asset value**.



Volkswagen-Backed Global Manufacturer

- ❖ Tier-1 global ESS producer with 20+ GWh annual capacity (3.5% market share)
- ❖ U.S. footprint: Fremont ESS (1 GWh/yr) + Illinois Gigafactory (65 GWh/yr, 2,600 jobs)
- ❖ Preferred pricing and access via Cox partnership
- ❖ Produces both LFP and NCM chemistries

## Capital & Co-Development

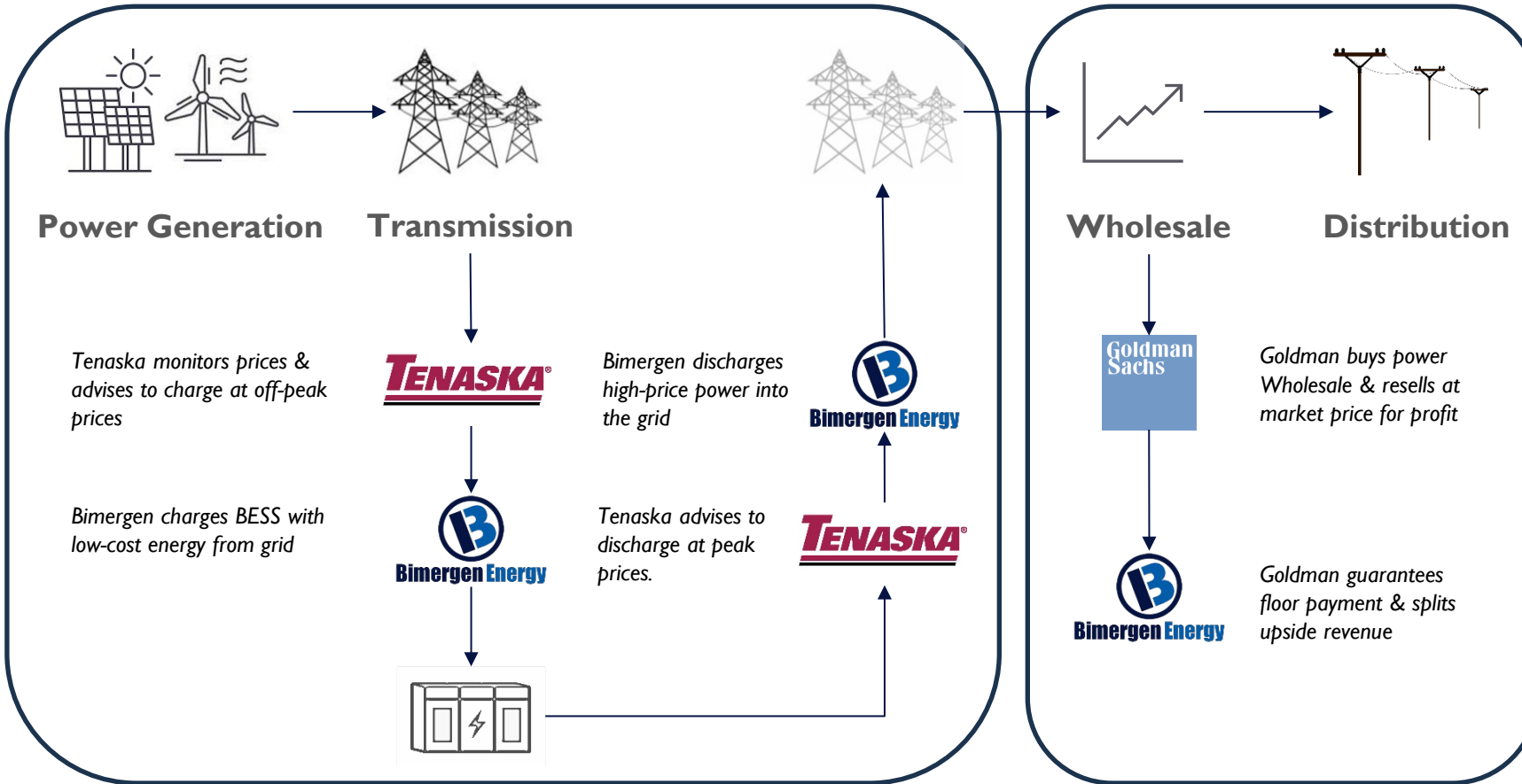
Strategic equity, vendor financing, & JV capital **expand pipeline, & accelerate deployment**



Joint Venture & Capital Provider

- ❖ JV to co-develop 1,000 MW of storage (2025–2026)
- ❖ \$10M initial equity, expandable to \$200M
- ❖ Proportional ownership and joint governance structure
- ❖ Drives large-scale ERCOT development

# Scheduling and Long-Term Tolling Agreements



## Revenue Sources

### Energy Arbitrage Trading

### Ancillary Services

- ❖ Frequency Regulation
- ❖ Contingency Reserve Service
- ❖ Non-spinning Reserve Service
- ❖ Regulation Services (up & down)

## Agreement Structure

- ❖ Institutional energy traders manage daily operations & energy trading
- ❖ Guaranteed minimum annual revenue (“floor payment”)
- ❖ Shared upside potential on revenues above floor payment

## Benefits

- ❖ Stable, predictable revenue + upside
- ❖ Long-term revenue security
- ❖ Enables bankability & access to capital

# Case Study: Project Redbird Overview

## Key Project Details

Location	Houston TX (Fort Bend County)
Battery Storage Capacity	100 MW <sub>AC</sub>
ITC %	Up to 50%
Property Status	20 Year Lease Being Negotiated
Independent Technical Report	Report Complete
Interconnection Study Status	Screening Study Complete
Permitting	Permitting Underway
Queue Number	Submitted
Power Purchase Agreements	In Negotiation
ITC Status	Sale Term Sheets Obtained

## Category

## Key Partners

Interconnection / Transmission



Battery Supplier



Financing



O&M



EPC



Tax Equity



Off taker



IPP



# Case Study: Typical 100MW Project Capital Stack

## Key Project Stats

Project Financing: Up to \$125M\*

Tax Credits: Up to 50% of Capex <sup>(1)</sup>

Secured Tax Equity: Up to \$62.5M <sup>(2)</sup>

*(1) Calculation Redbird ITC is based on current understanding of the Inflation Reduction Act and project level compliance.*

*(2) ITCs shall be similarly applied to several upcoming projects in our pipeline.*

\* Management Estimates

## Total Project Capital

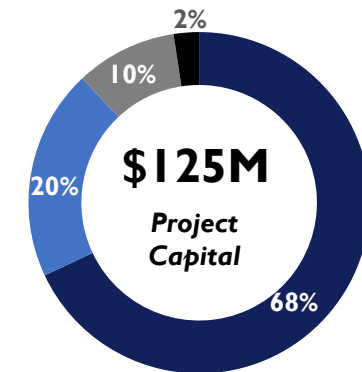
\$125 Million

## Project Financing

Up to \$125 Million

## Tax Credits (ITCs)

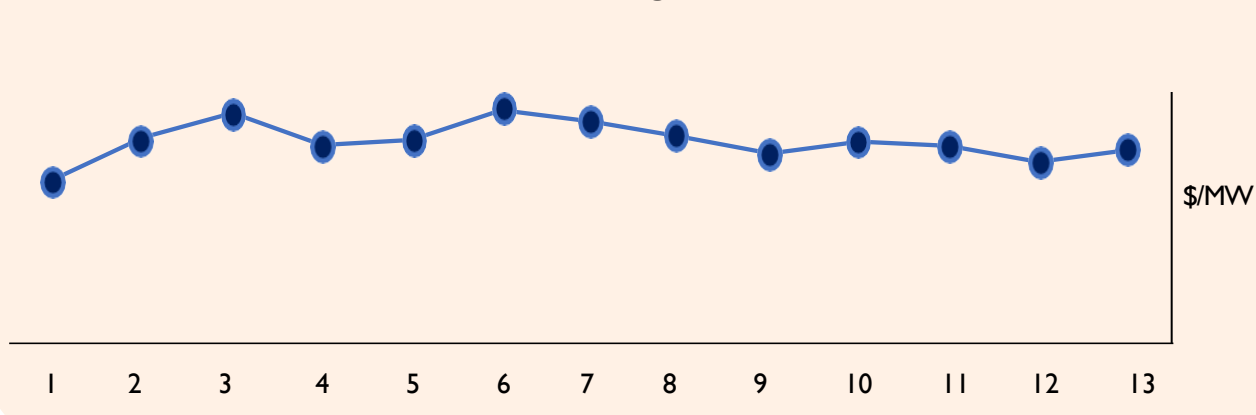
Up to \$62.5 Million



■ Equipment **\$85M**    
 ■ Install **\$25M**    
 ■ Closing **\$12M**    
 ■ Milestone **\$3M**

**Equipment:** Cost of Batteries, Inverters and related equipment  
**Install:** Labor and Construction for System Setup  
**Closing:** Interest, Financing and Closing Fees  
**Milestone:** Payments tied to project progress milestones

## \$20 Million Annual Average Potential Revenue\*



## Avg. Battery Pack Cost (\$/kWh)



# Company Management

## **Benjamin Tran** Executive Chairman

Serial entrepreneur and investor in the energy and technology sectors. Specialties include M&A, IPO advisory, venture capital, digital marketing, merchant banking, technology management, and technical marketing. Proven Silicon Valley tech veteran with a track record of scaling companies from startup to exit. Currently Managing Partner of CleanTek VC and United System Capital. Holds advanced degrees including PhD, MBA, MSEE, and BSEE.

## **Cole Johnson** Co-CEO, President, and Director

20 years of experience in the Energy sector with focus in solar and energy storage. Former CEO of Bridgeline companies involving in operations in EPC, energy trading and project development. Multiple exits from FO investment in infrastructure energy projects Completed over \$500M worth of transactions growing renewable portfolio from scratch to over \$150 M in annual revenue.

## **Bob Brilon** Co-CEO, CFO, and Director

30+ years of proven leadership and experience as a Financial Executive. Successfully held CEO or CFO positions at Iveda (NASDAQ: IVDA), InPlay Technologies (NASDAQ: NPLA), Rental Service Corp (NYSE: RRR), Go-Video (AMEX: VCR), DuraSwitch (NASDAQ: DSWT), Brainstate Technologies, and MD Helicopters. Extensive auditing and tax experience with leading 'Big Four' CPA firms.

## **Clay Johnson** VP Business Dev.

15 years of extensive experience in the energy sector with a strong focus in solar and energy storage. Seasoned business executive of Bridgeline companies with proven operations, financing, and investment experience in project development. Successfully negotiated and structured numerous high-value contracts to drive significant growth and profits, working closely with leading IPPs and operators.

## **Jimmy Harter** VP Finance

Over 10 years of experience in the energy sector with executive level roles in finance and data science. Contract roles in finance and data science with high-tech companies such as Red Angle, Boeing, Tech Providers, and TEKsystems. Adjunct professor of mathematics, statistics, and data science at various colleges and universities. BBA Finance, BA Applied Mathematics, MS Data Analytics/Statistics

## **Tony Spain** Operations Manager

20 years of experience in operations and project management, with over \$300MM in projects delivered. Started in oil and gas with clients such as Enable, XTO, and Conoco, before transitioning into solar and BESS renewables. Expertise includes managing budgets, optimizing workflows, and implementing financial models, driving cost savings and efficiency across industries..

Structured Energy Financing

Energy Project Development

Energy Markets & Power Trading

Industry Relationships

# Balance Sheet

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<b>As of 9/30/25</b>	
<b>Total Assets</b> <b>Offering Proceeds 2/23/2026:\$13.6M</b>	<b>\$23 million</b>
<b>Total Liabilities</b>	<b>\$3 million</b>
<b>Stockholders' Equity</b>	<b>\$20 million</b>

# Cap Table

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Post-Offering as of 2/23/26	
Common Shares Outstanding	7.3 million
Tradeable Warrants (\$5.00)	3.6 million
Options (WAEP: \$4.53)	1.4 million
<b>Fully Diluted Shares Outstanding</b>	<b>12.3 million</b>

# Investment Highlights

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## 23 BESS Projects

Portfolio of projects totaling ~2.0 GW



## Tolling & Hedge Agreements

Stable contracts guaranteeing minimum revenue floor + upside potential



## Project Financing & ITC Monetization

Development fully funded by project-level debt financing  
Pre-sold Tax Credits expedite monetization of projects



## \$250M Strategic Capital Committed

\$250M in capital commitments, including \$20M initially funded, from leading strategic partners to expedite development & construction



## Key Relationships

Partnerships with equipment suppliers, EPCs (for engineering, purchasing, & construction), utilities, battery operators, & offtakers  
Agreements with project financiers & tax credit purchasers



## Market Tailwinds

Rapid growth in energy demand from AI data centers has led to grid instability



**Bimergen Energy**

**Thank You**

**Bimergen Energy Corporation**

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