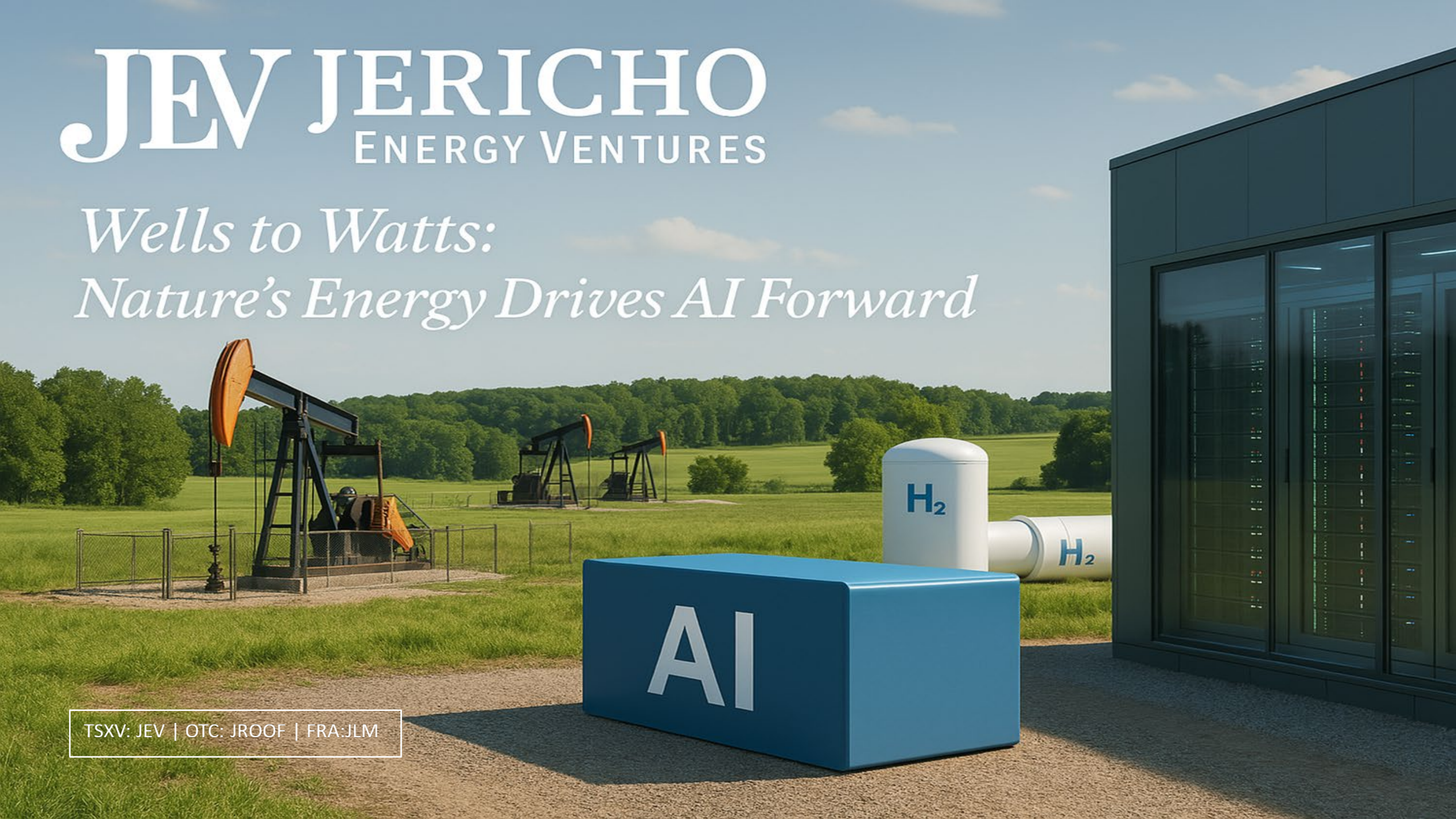


# JEV JERICHOW

ENERGY VENTURES

*Wells to Watts:  
Nature's Energy Drives AI Forward*

TSXV: JEV | OTC: JROOF | FRA:JLM

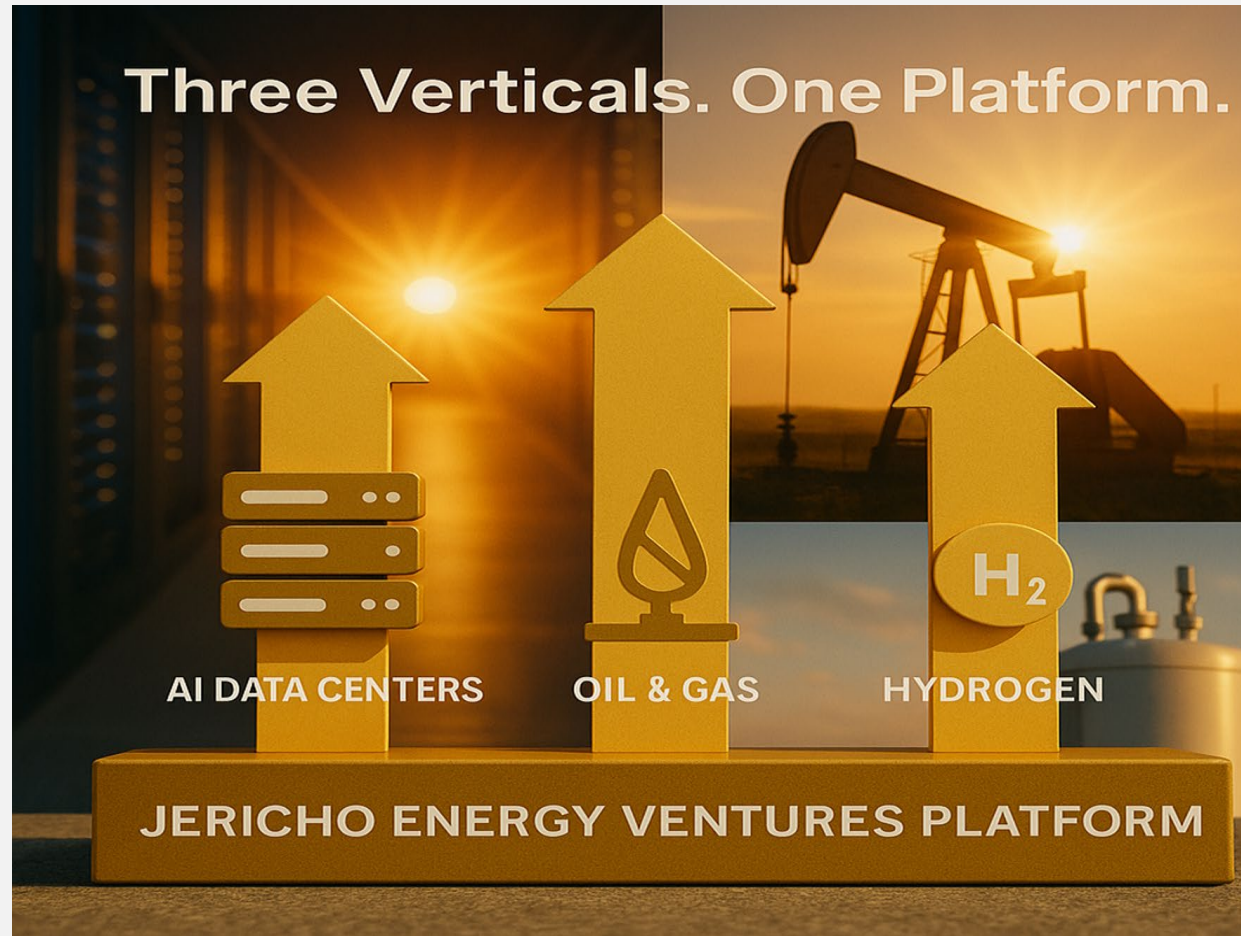


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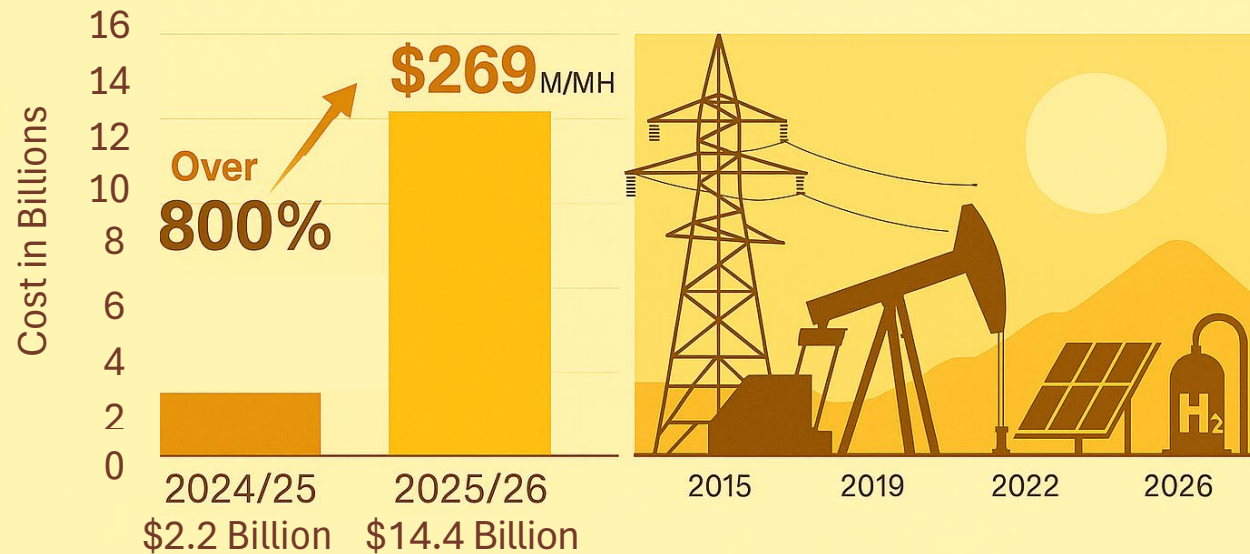
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Prospective investors will be required to represent, among other things, that they meet the definition of "accredited investor" (as defined in Rule 502(a) of Regulation D under the U.S. Securities Act) and are familiar with and understand the terms of the offering and have all requisite authority to make such investment.



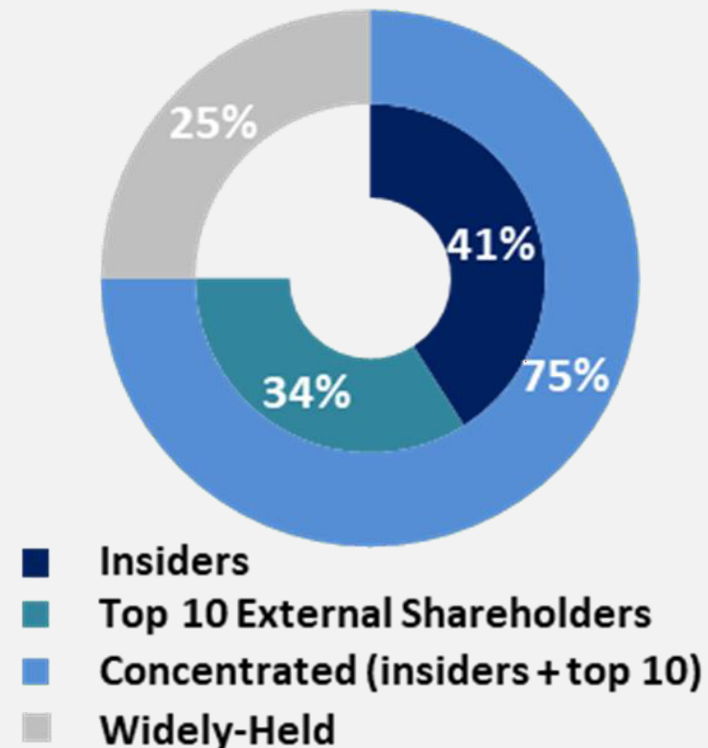
## The Grid Cost Surge: A \$12.5 Billion Wake-Up Call



PJM is the largest electricity market in the U.S.

Source: Daily Energy Inside August 1, 2024 – PJM capacity prices sharply higher in auction for 2025-2026 delivery year  
<https://dailyenergyinsider.com/news/44726-pjm-capacity-prices-sharply-higher-in-auction-for-2025-26-delivery-year/>

- Edward Breen (Breen Family) - Executive Chairman of DuPont (NYSE:DD), former Chairman & CEO Tyco International. Lead Independent Director Comcast
- Belzberg Family (Strauss Zelnick) – CEO Take-Two Interactive (NASDAQ: TTWO) Balfour Holdings, Real Estate Development. Former Chairman CBS Corporation
- Graves Family – 70+ Year multi-generational energy asset owner and operator
- McKenna Family – Andrew McKenna, Founder & CEO McKenna & Associates. Advisory, Consulting and Investment Firm, based in Washington DC
- Frank Drendel – Founder & Chairman Emeritus CommScope (NASDAQ: COMM)



\* Ownership Estimates as of December 2024



## AI is Rewriting the Energy Playbook

### AI is Fueling a Power Crisis\*

- Data Centers could use ~20% of US electricity by 2030
- The Grid can't keep up
- AI Data Centers will drive half of electricity demand growth in the US between now and 2030

### Jericho Delivers the Energy Behind AI

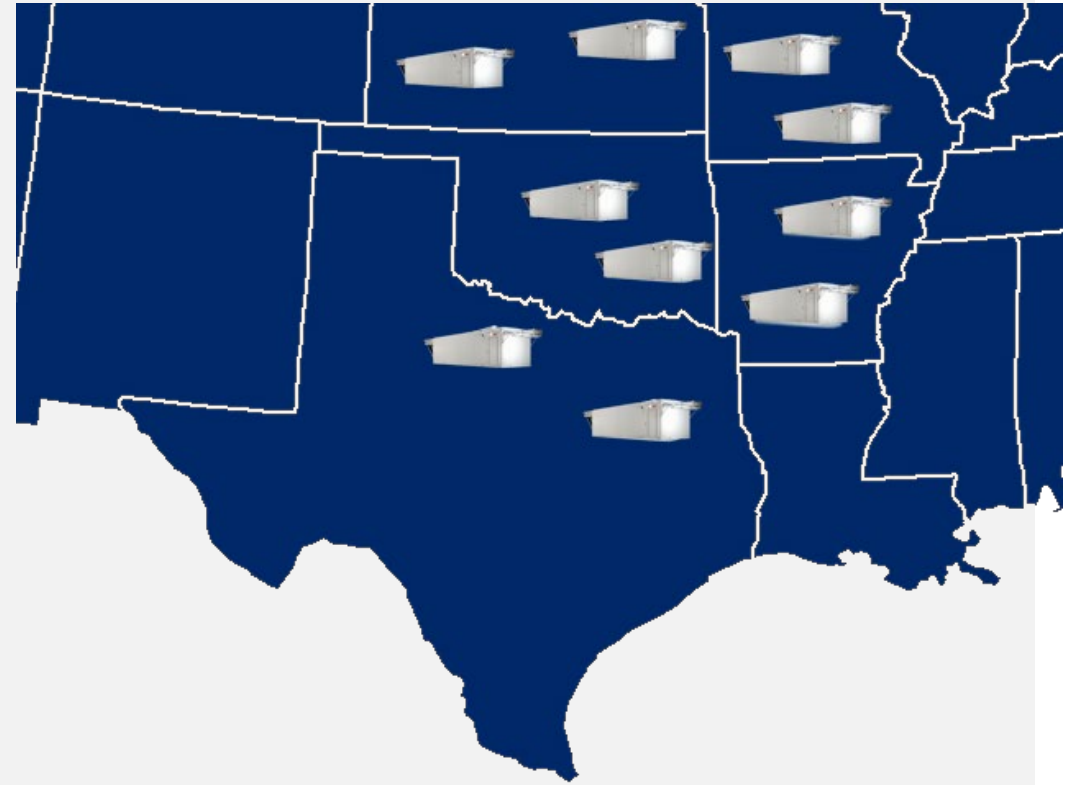
- Fast Efficient Solution from Contract to Deployment
- Turning abundant lower-cost **natural gas** into localized, consumable energy
- Abundant Supply, Fast Deployment, Reliable Uptime, Lower Emissions



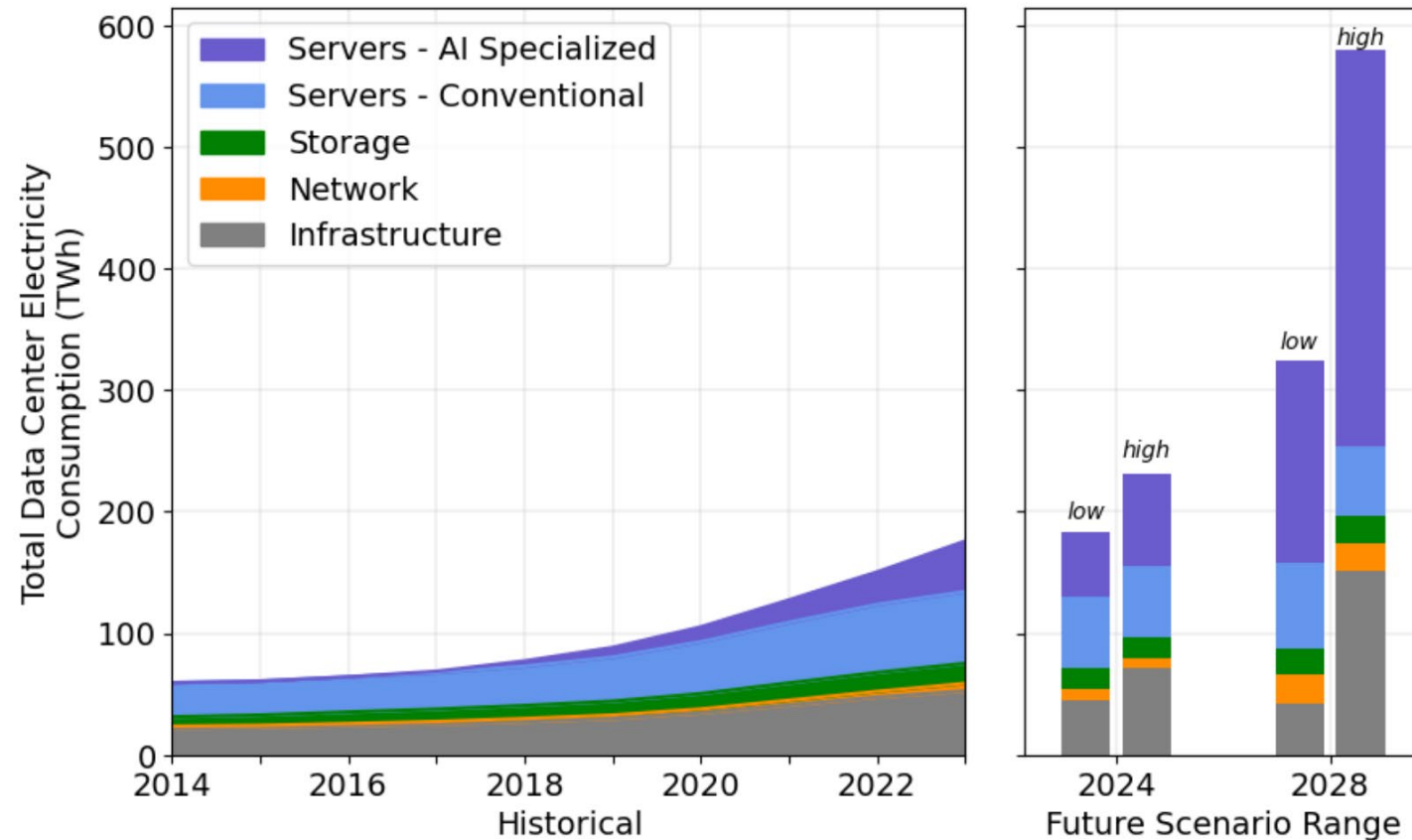
\*International Energy Agency, "Energy and AI," April 2025: <https://www.iea.org/reports/energy-and-ai>

*Leveraging geology and geography* - proximity to gas reserves minimizes transport losses and operational costs, providing a regional edge in energy reliability and pricing.

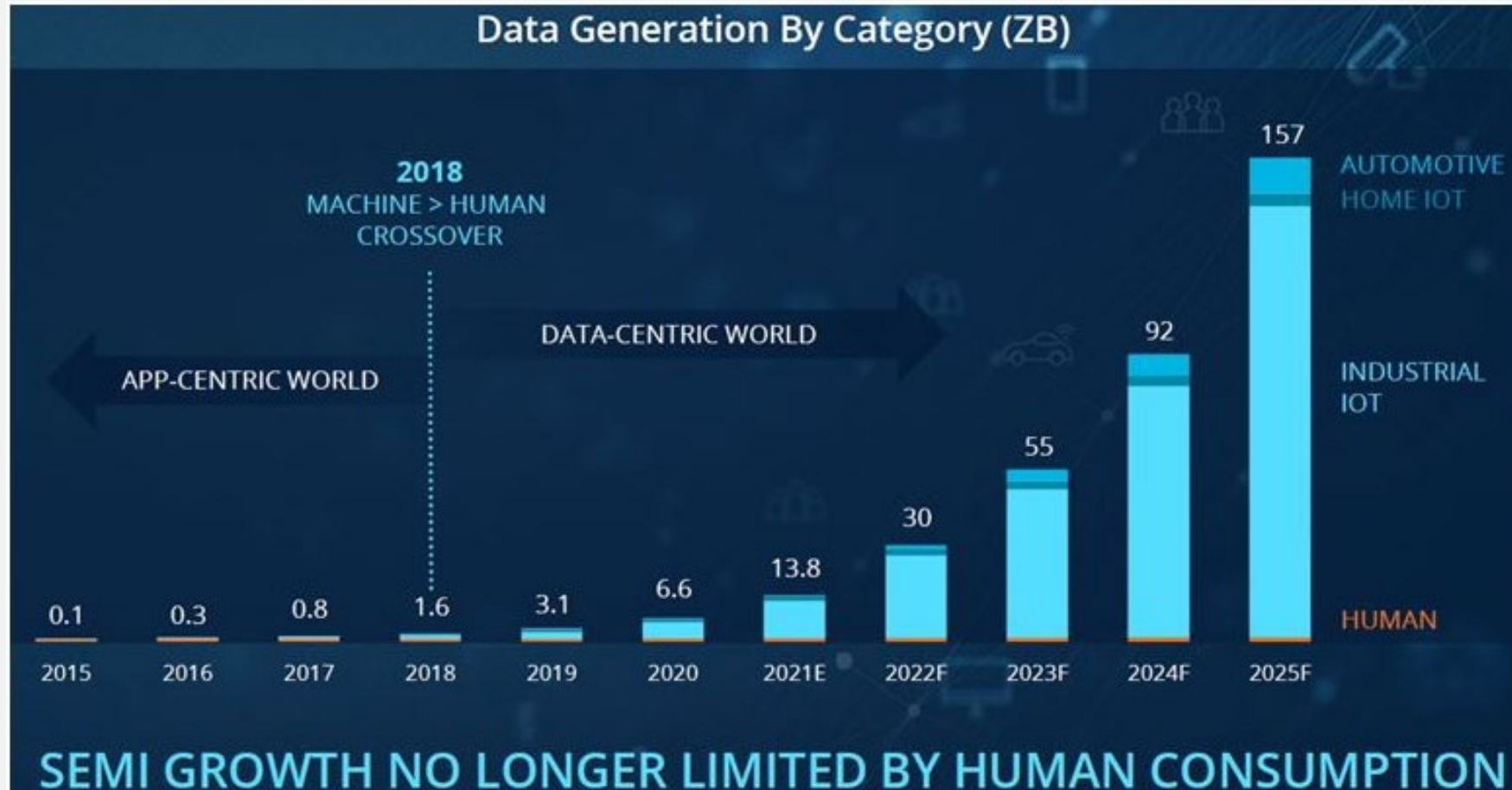
1. **Business Model:** Distributed Build-To-Suit Edge Centers utilizing Low-Price Energy – Local onsite inexpensive gas, cooling and surface rights dramatically lowers operational costs.
2. **Sustainable Operating Cost Competitive Advantage:**
  - Power Prices trending higher (record # for 2025)
  - Nat Gas Market Focus is on stranded or low-price gas
3. **Land Acquisition:** Lease or partner with other operator as franchise model securing natural gas production and reserves for Eagle Data Center – "follow the fiber through the mid-con"







**Figure 5.6. Total data center electricity use from 2014 through 2028 by equipment type.**



- A Zettabyte is 1 Billion Terabytes or 1 trillion gigabytes...

(1) Source - (AMAT Logic Master Class)

### Natural Gas

- Owned, Operated and Ready to Power
- Available Grid Power

### Build-To-Suit AI Data Centers

- Land, Expand & Operated where energy is
- Revenue & Build Ready

### Multi Sector Monetization

- Energy
- DC Build-To-Suits (BTS)
- Franchise to Surrounding Operators





## 1. Power Infrastructure:\*

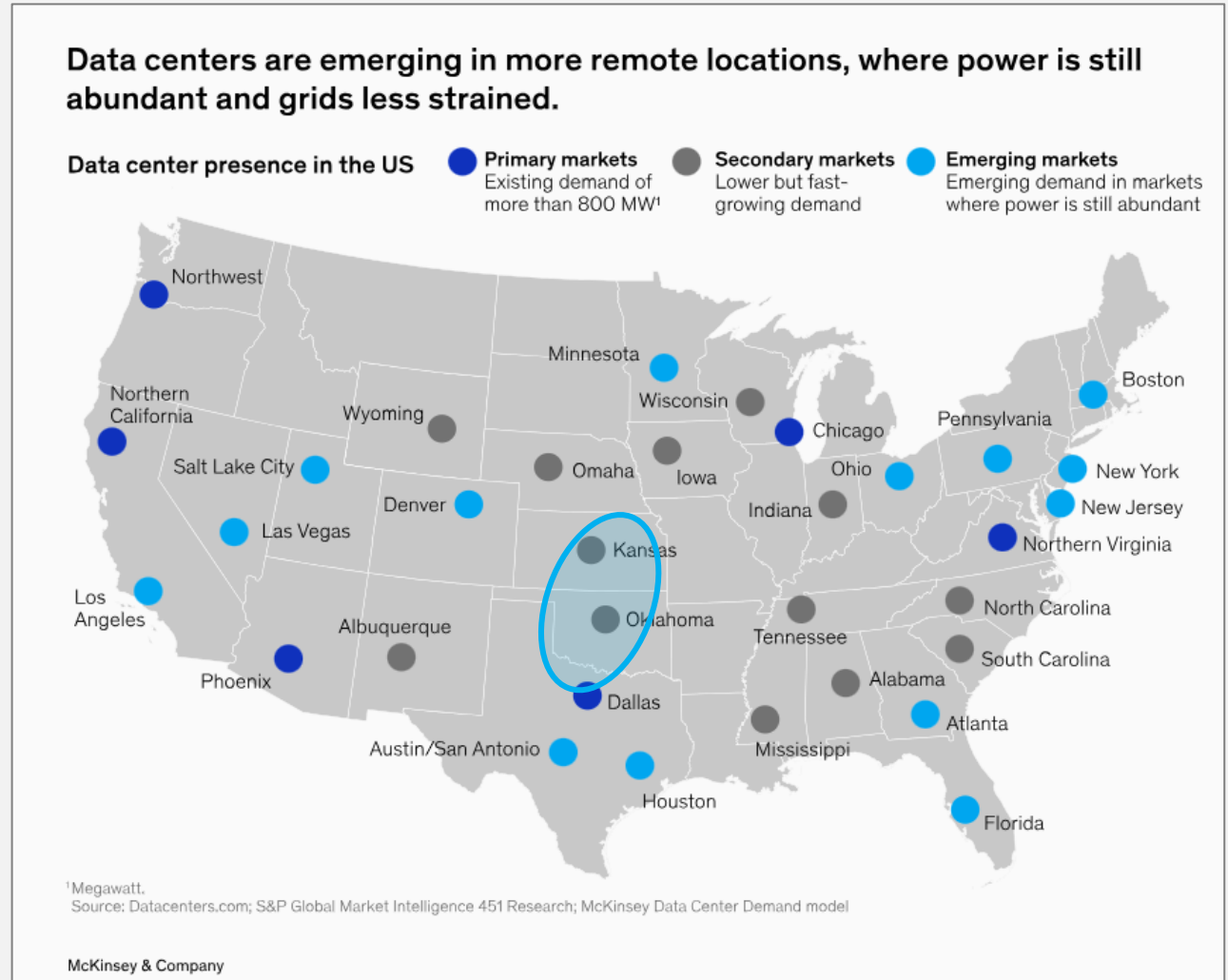
- Data Center Power Demand is Forecast to Grow 300%+ of current capacity by 2030.
- 3 Year lead-time to power a new Center in a Primary Market
- US will require 50 Gigawatts of additional data center capacity

## 2. Secondary-Edge Markets:

- Behind the Meter Energy Solutions
- Power Optionality - **\$2 Natural Gas equals \$15/barrel oil.**
- Utilization of Stranded and/or uneconomical Natural Gas in addition to Rural Cooperative Utilities.

## 3. Environmental Impact Mitigation:

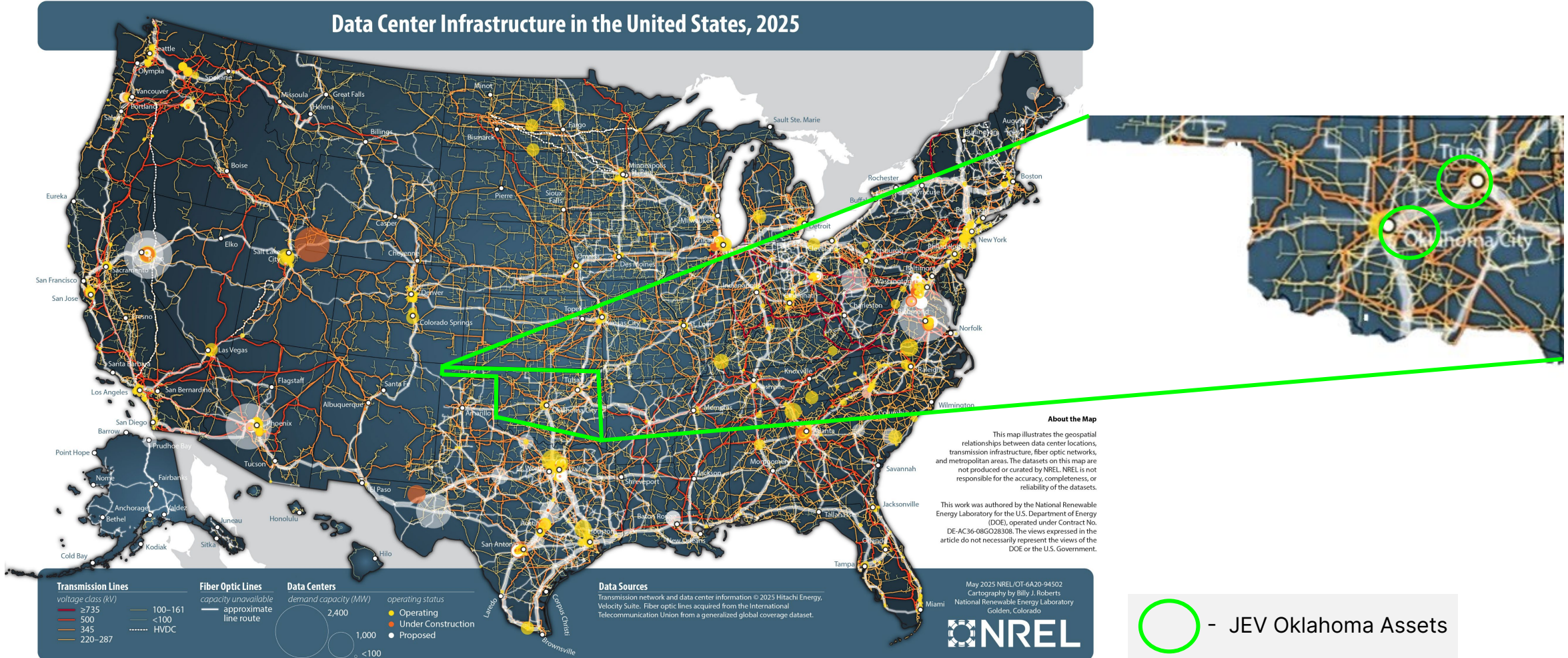
- Digital Capacity with Environmental Stewardship.
- 45 Q Carbon Sequestration Credits.
- Enhanced Mineral Utilization.



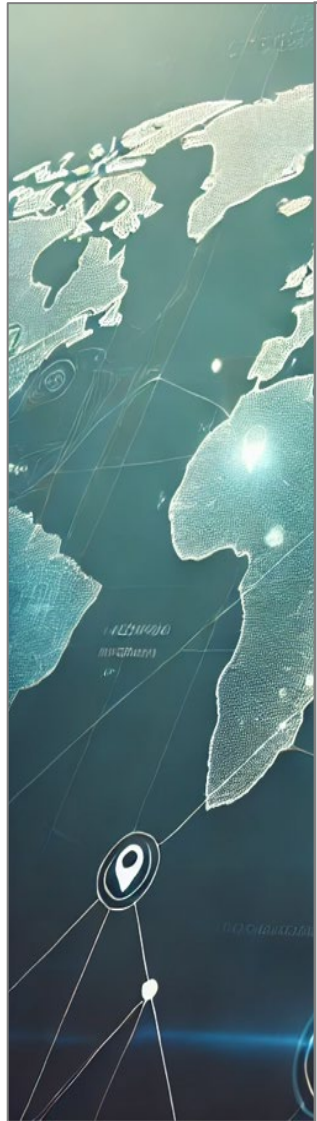
\*Source: McKinsey & Company, "How data centers and the energy sector can satiate AI's hunger for power", Sept. 13, 2024:  
<https://www.mckinsey.com/industries/private-capital/our-insights/how-data-centers-and-the-energy-sector-can-satiate-ais-hunger-for-power>

# TIED INTO THE US DATA CENTER FIBER BACKBONE INFRASTRUCTURE

This infrastructure map shows existing U.S. data centers, fiber optic lines, power transmission lines, water availability and major urban areas.



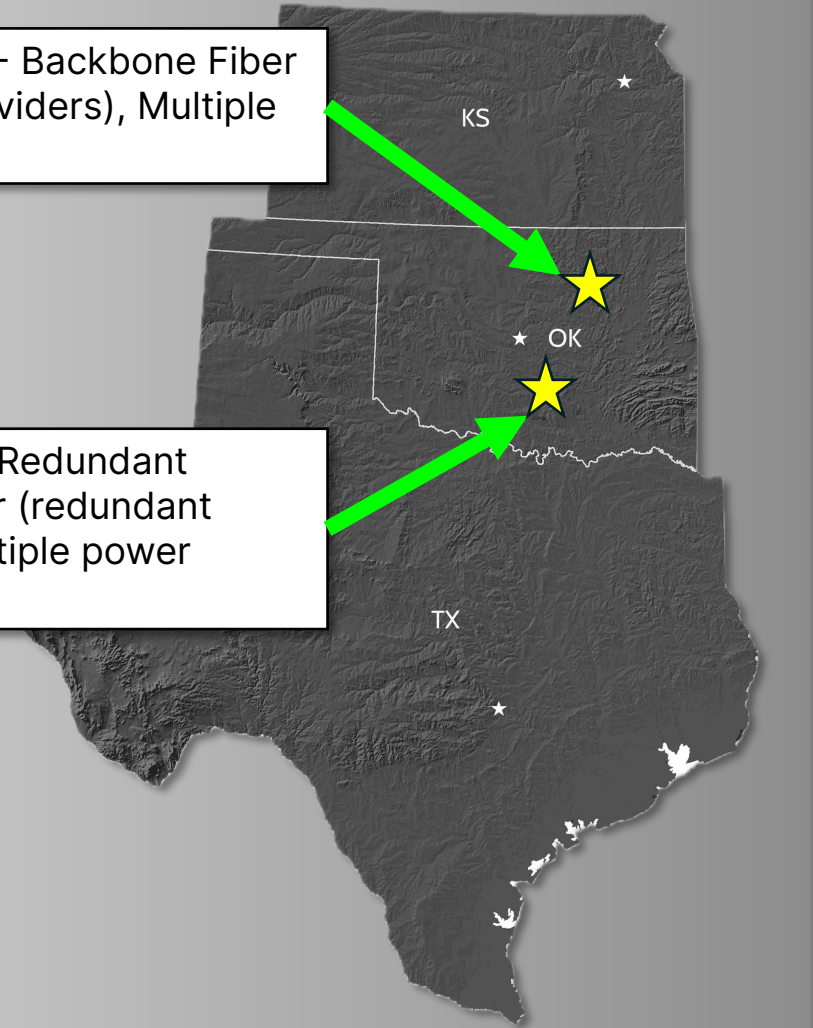




1. **Fiber**
  - AT&T and Lumens Fiber.
2. **Power**
  - Natural Gas, Grid and Hydrogen, Wind.
3. **Land**
  - Owned and Leased by Eagle Road.
4. **Water**
  - On-Site Access.
5. **Physical Security**
  - Multi-Level Protection.
  - Remote NOCs – 24/7 monitoring

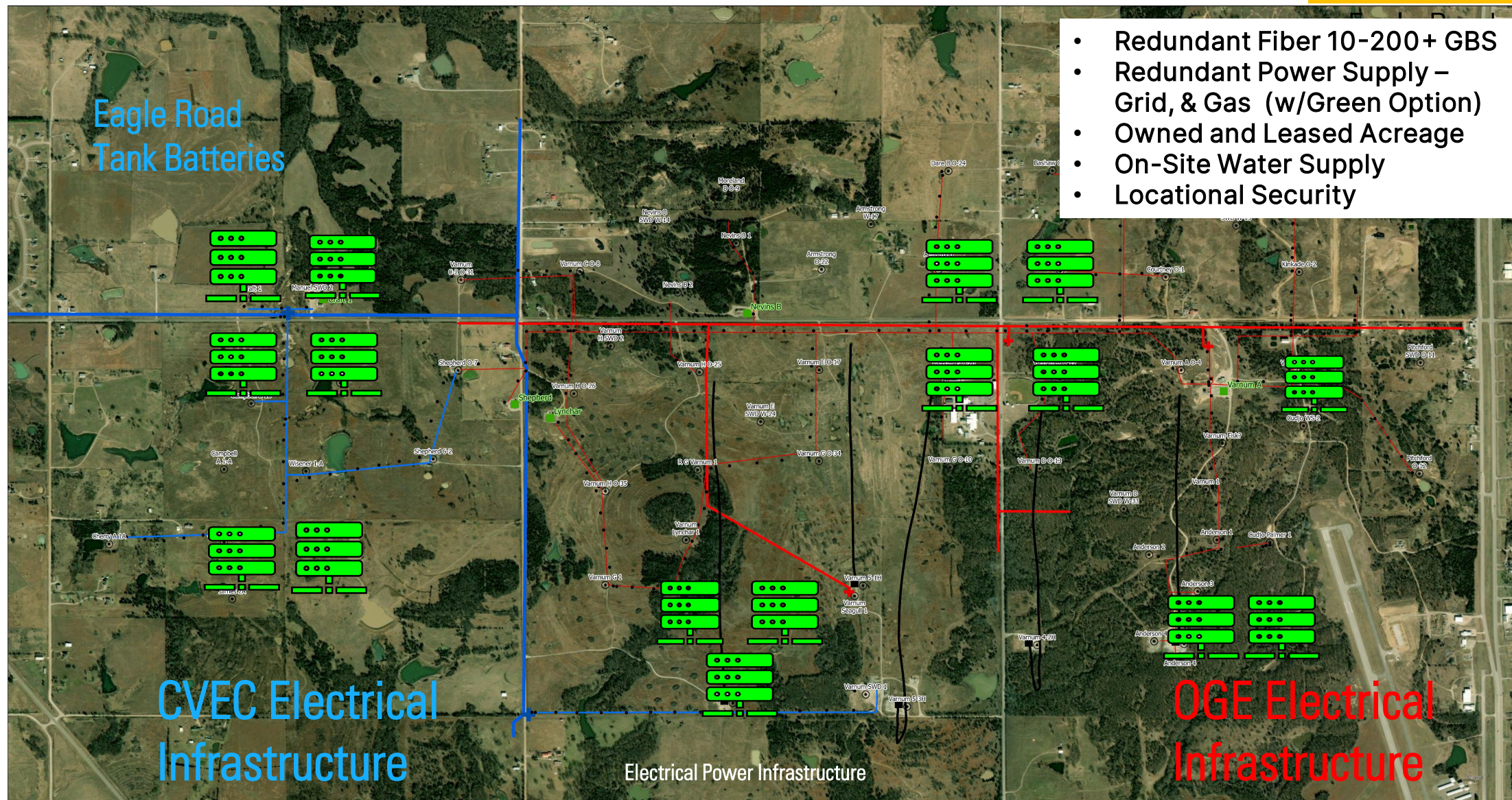
NE Central OK - Backbone Fiber (redundant providers), Multiple power options

S Central OK – Redundant Backbone Fiber (redundant providers), Multiple power options





- Redundant Fiber 10-200+ GBS
- Redundant Power Supply – Grid, & Gas (w/Green Option)
- Owned and Leased Acreage
- On-Site Water Supply
- Locational Security





## DATA CENTER OPPORTUNITY – OHIO SITE 1 \*(FOR ILLUSTRATION PURPOSES - EQUITY PARTICIPATION IN NEGOTIATIONS)

### Utilities:

#### Electric

- FirstEnergy's 345kV and 138kV transmission lines in close proximity
- Preliminary Analysis indicates a minimum of 100MWs of grid power available

#### Natural Gas

- RH's Transmission Pipeline with current capacity of 55,000 Dth's per day (200MWs) and expanded capacity of 195,000 Dth's per day (800MWs)
- Requires a 1 mile extension

#### Water

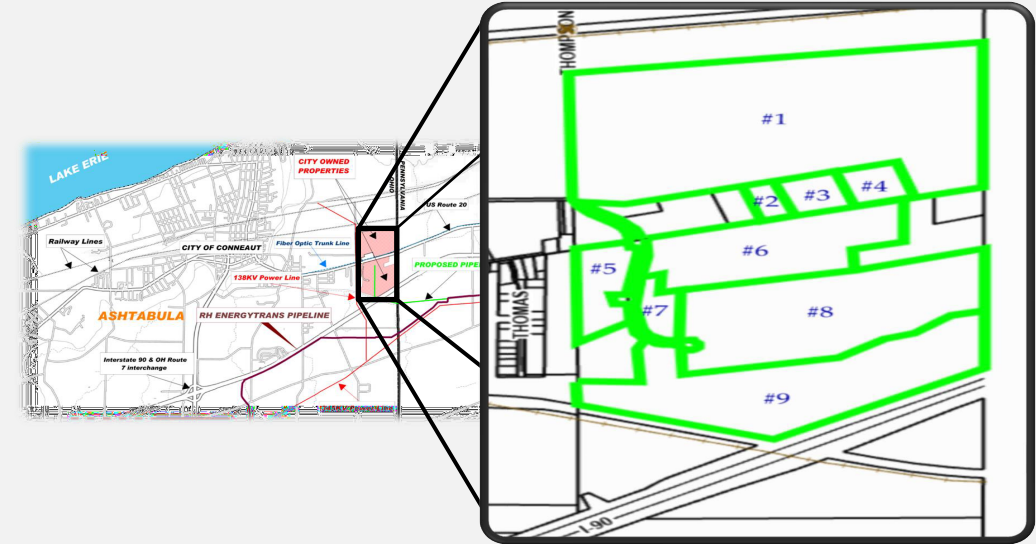
- City Water; potable 0.5-MGD available
- Potential for City owned raw water pump station & distribution

#### Sanitary Sewer

- City Sewer; 1.5 MGD available capacity

#### Fiber Optics

- Everstream/AT&T Fiber/Greatwave Communications; available main fiber along US-20 and I-90



\*This property is currently NOT a part of Jericho Energy Ventures Portfolio, it is an illustration of a potential site Jericho is seeking to acquire as part of its relationship with M2 Solutions, LLC

## DATA CENTER OPPORTUNITY – OHIO SITE 2 \*(FOR ILLUSTRATION PURPOSES EQUITY PARTICIPATION IN NEGOTIATIONS)

### Utilities:

#### Electric

- FirstEnergy's 345kV and 138kV transmission lines in close proximity
- Preliminary Analysis indicates a minimum of 100MWs of grid power available

#### Natural Gas

- RH's Transmission Pipeline with current capacity of 55,000 Dth's per day (200MWs) and expanded capacity of 195,000 Dth's per day (800MWs)
- Requires a 3.8 mile extension

#### Water

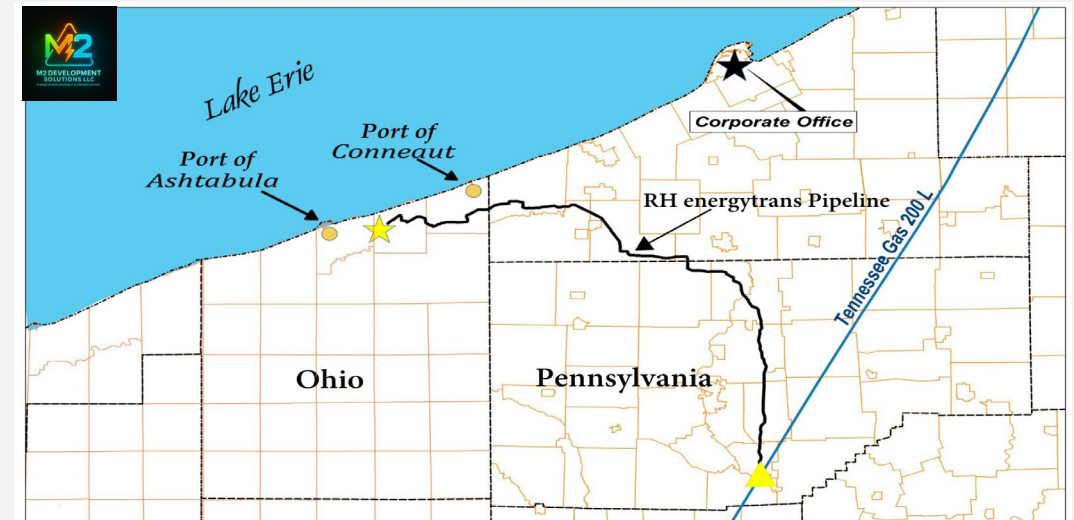
- Provided by the City
- Potential for City owned raw water pump station & distribution

#### Sanitary Sewer

- City Sewer

#### Fiber Optics

- Everstream/AT&T Fiber/Greatwave Communications; available main fiber along US-20 and I-90



\*This property is currently NOT a part of Jericho Energy Ventures Portfolio, it is an illustration of a potential site Jericho is seeking to acquire as part of its relationship with M2 Solutions, LLC



# DATA CENTER OPPORTUNITY – NEVADA \*(FOR ILLUSTRATION PURPOSES - EQUITY PARTICIPATION IN NEGOTIATIONS)

**Overview:** The M2 Nevada data center site has completed Phase I Environmental Site Assessments, and ALTA Surveys on all sections. All sections are zoned as envisioned. Data center campus includes on-site renewable energy.

## Power:

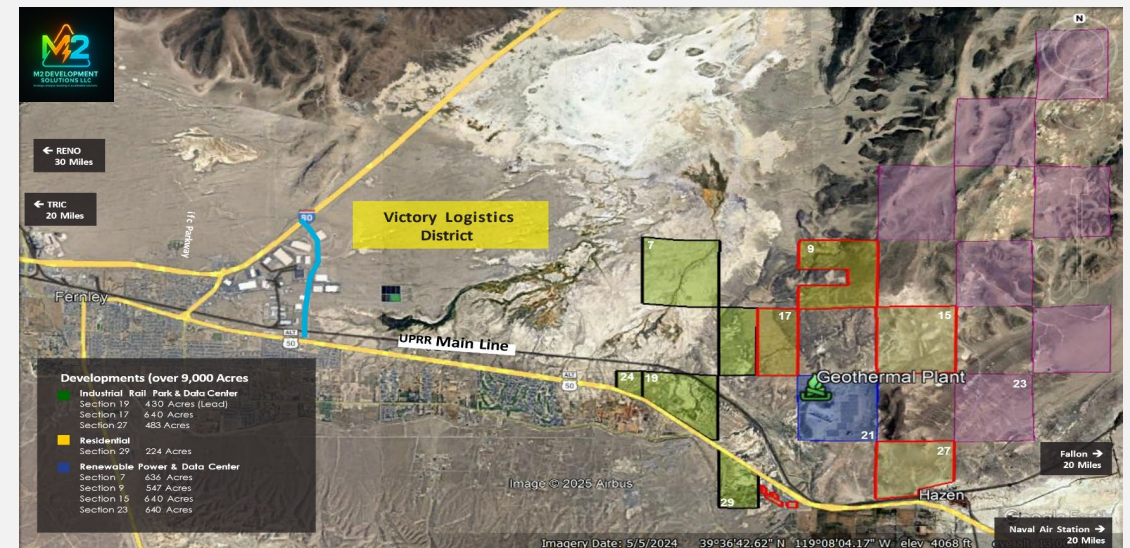
- Great Basin Gas pipeline has reserved 50M Dth's firm capacity, for annual distribution to the site starting in mid-2028. The represents just under 60MWs of power production capability.
- Current grid power forecast calls for 500MWs in 5 to 6 years. However, there are multiple efforts underway to shorten that time frame. We are working with the Geothermal power plant to repurpose their transmission lines to support on-site power delivery instead of selling the power to the grid. This delivers up to 300MWs of power within 2-3 years as the transmission infrastructure is already in place.

**Renewable Energy:** Site includes a geothermal power plant producing around 30 MWs of baseload power with the capacity to expand up to 100 MWs of baseload power. Solar location is ideal with approximately 284 days of high solar value.

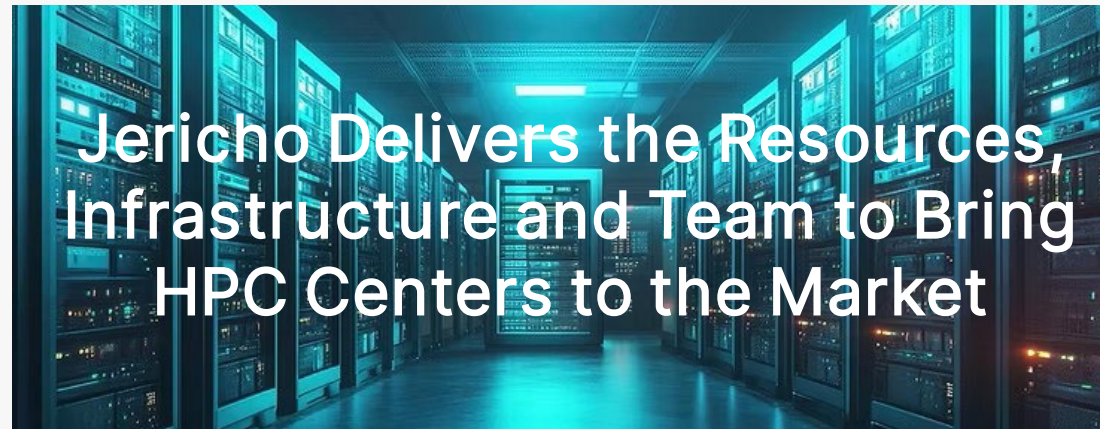
**Fiber:** Multiple Options: Main fiber run is along US Highway 50, which is immediately adjacent to the property. CC Communications, already supports numerous data centers in the area. Lucent has back bone fiber run along the I-80.

## Ongoing Development

- **Data Center**
  - 1,000 acre Data Center Campus (generic design and feasibility study completed)
- **Industrial**
  - 1,500 acres designated for rail served industrial manufacturing, distribution and warehousing for US Supply Chain
- **Renewable Energy**
  - 2,000+ acres set aside for renewable power/energy: Utility Scale Solar, Geothermal Heating and Cooling, Expansion of Geothermal Power, Utility Scale Battery Storage & Waste-to-Energy
- **Residential**
  - 200+ acres for work force and or mid- tier executive housing



\*This property is currently NOT a part of Jericho Energy Ventures Portfolio, it is an illustration of a potential site Jericho is seeking to acquire as part of its relationship with M2 Solutions, LLC



Digital Asset Miners

Comp Average  
5.6X

CleanSpark

Bitfarms

RIOT MARA

Hybrid Miners  
(HPC Mining)

Comp Average  
9.1X

IREN

CORE SCIENTIFIC

BIT DIGITAL

NORTHERN DATA GROUP

TERAWULF

High Performance  
Computing

Comp Average  
21.9X

EQUINIX

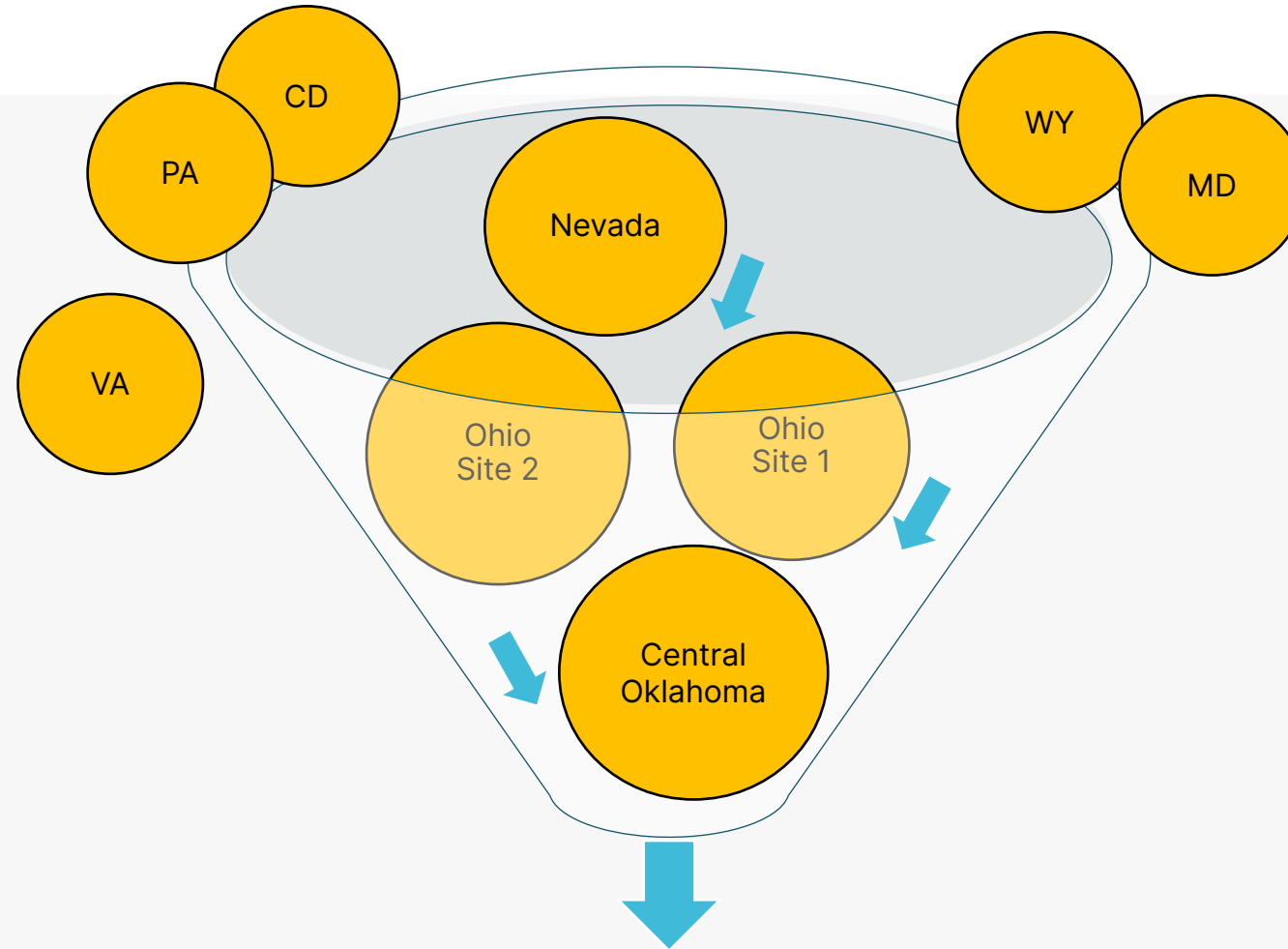
HUT8

IRON MOUNTAIN

DIGITALBRIDGE

DIGITAL REALTY

## BUILDING BLOCKS FOR A LARGE DATA CENTER PORTFOLIO







**BRIAN WILLIAMSON**  
CEO, Director

- Spent 20+ years at various financial institutions and family offices in investment leaderships roles (Arthur Anderson, The Harbor Group)
- Collectively managed \$1bn+ in assets focused on oil and gas and energy investments
- JD & CPA by education



**BEN HOLMAN**  
CFO

- Experienced financial leader with 18 years in financial management and accounting
- Held senior-level positions at Apco Oil & Gas, former subsidiary of The Williams Companies and WPX Energy



**JAKE ROYSTER**  
Director of Operations

- 20 Year Experience Operating and Managing Energy Assets in the Mid-Continent Region
- Held leadership positions at Haliburton, Casillas Petroleum, and Trinity Operating.
- Led Completion Design Machine Learning Optimization at Haliburton
- B.S. Oklahoma State University



**MARK SCHONBERG**  
Senior Data Center Advisor

- 30-year U.S. Army veteran and former CIO at Army Cyber Command
- Led \$16B Yongsan IT build-out in Korea
- Expert in cybersecurity, data centers, and smart infrastructure
- Now drives private-sector digital and energy solutions



**MARK VOGEL**  
Senior Data Center Advisor

- 40+ years in real estate development, including \$400M Bowie Town Center
- Leads U.S. data center projects supporting digital infrastructure
- Expertise in land planning, infrastructure, and community impact
- Active in global and local philanthropy



**JOE MEHESKI**  
Director of Information Tech

- Over 30 years of comprehensive experience in Information Technology, including systems architecture, networking, and cybersecurity.
- Demonstrated success managing large-scale data center buildout projects for major clients such as Comcast, McGraw Hill, and Dendrite.
- Skilled in delivering secure, high-performing enterprise solutions that align with industry best practices.



**JOURDAN URBACH**  
Senior Technical Advisor

- Most recently worked at McKinsey & Co., where he helped build their internal venture capital group, serving as Product Manager or interim CTO of a portfolio of over 20 internal startups, called McKinsey Solutions
- Co-founded Mass Lab, Director of R&D at Mimedia, Neurogenomics researcher specializing in bioinformatics, Harvard & MIT



**ROMI KADRI**  
Senior Technical Advisor

- 25+ granted patents, \$100mm+ venture investing experience
- Led innovation at \$1bn+ public company
- Serves on the board of several tech companies and advises fusion energy company TAE & MIT's Martin Trust Center for Entrepreneurship



Zero Emissions Hydrogen Boiler and  
Direct-Fire Burner

- 100% Owned and Operated

Majority Owned



High Temp Alkaline Electrolyser w/  
Pulse Power Delivery

- 56% Owned and Operated

Growth-Oriented Portfolio Underpinned by Commercial Traction and Optionality



AI-Driven Electro-Catalyst  
Discovery



- Co-Led Minority Investment Stake

Minority Owned



Membrane-less, high pressure  
Electrolyser

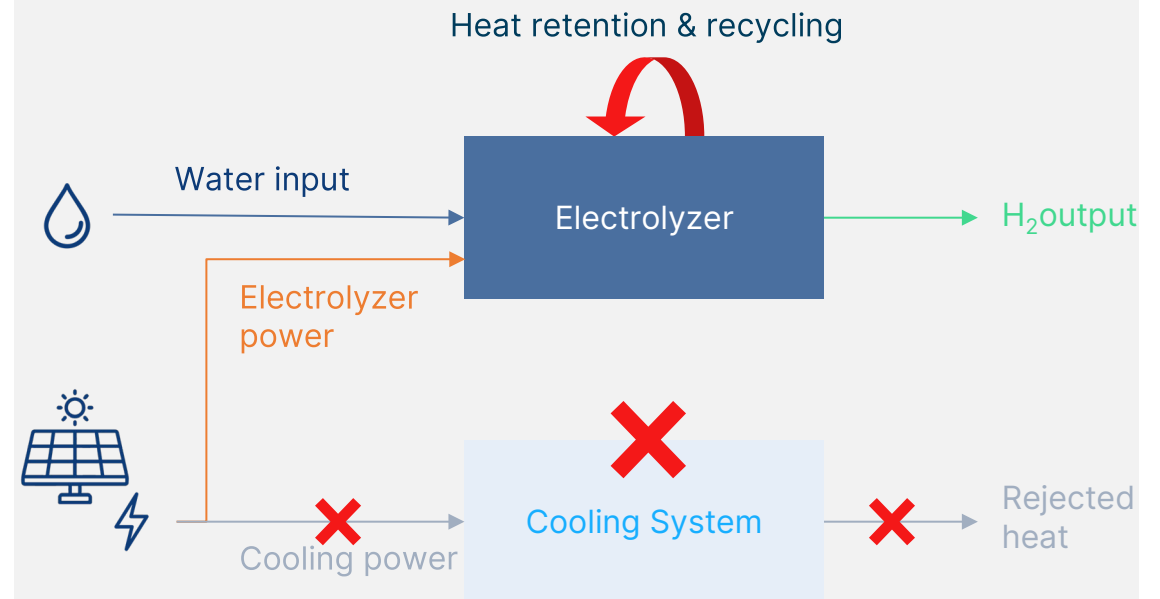


- Led Minority Investment Stake

\*Jericho holds its interest in Supercritical Solutions within a special purpose vehicle Levelized Supercritical Solutions, Ltd with 40% ownership remaining. Jericho also has a 7% of the preferred shares in California Catalyst (Calicat). The company owns 56% controlling interest in Etna Solutions Inc, and 100% of its wholly owned subsidiary, Hydrogen Technologies, LLC.

- **Leverages decades of published research** and industrial deployment of alkaline electrolyzers.
- **Employs novel materials and controls** to enable high temperature operation.
- **Leverages unique power delivery system** borrowed from fast charging and nuclear fusion fields.
- **Makes use of heat to improve efficiency (*lower opex*) and throughput (*lower capex*)**, rather than wasting energy to remove it.
- **Is designed to be manufactured anywhere**, with no supply chain constraints, conflict minerals, or specialized manufacturing processes.

Demonstrated >25% reduction in levelized cost of green hydrogen



Our product, “HOT-E” (High Output Thermogenic Electrolyzer)



428-4828436