

JEV JERICHOW

ENERGY VENTURES

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

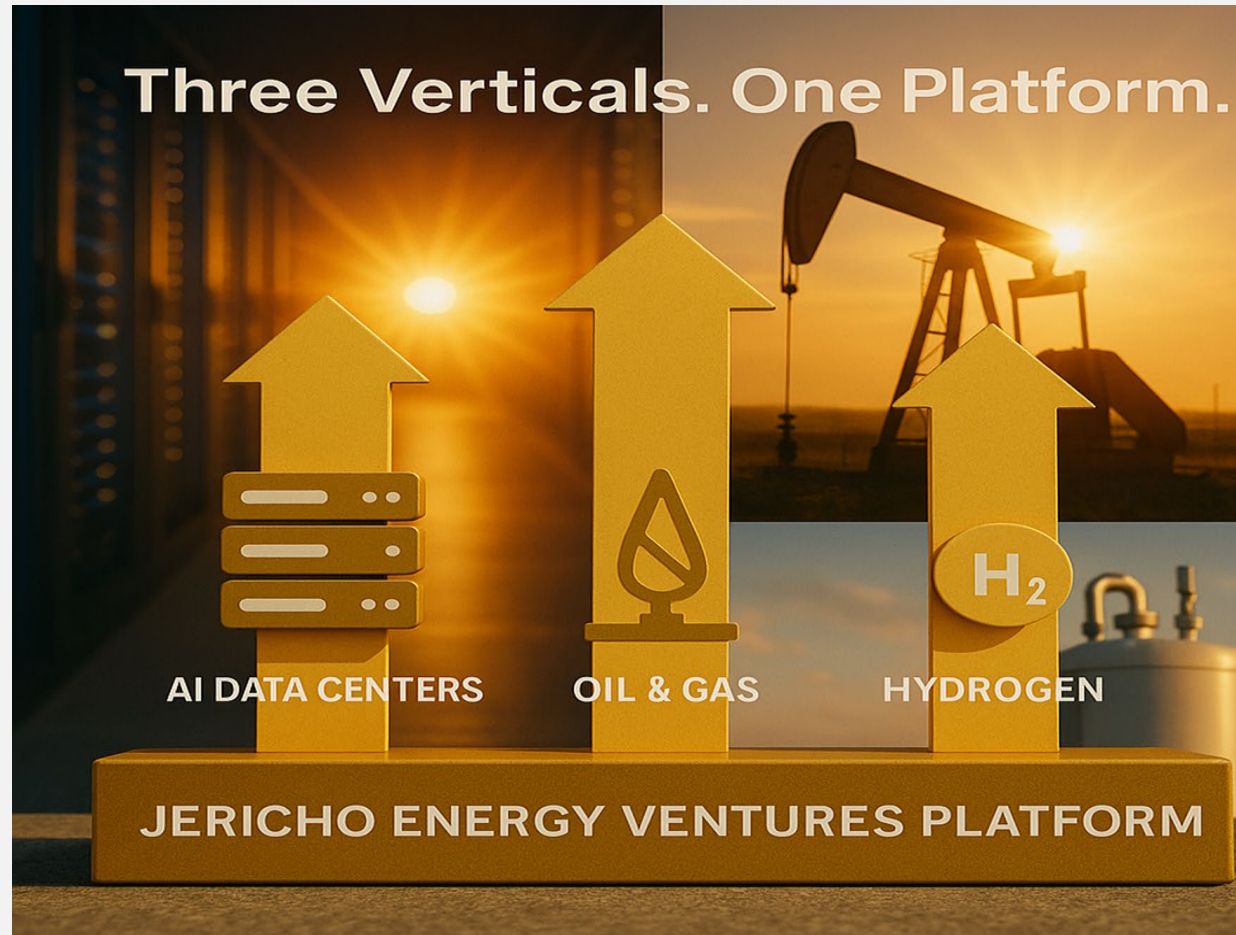


TSXV: JEV | OTC: JROOF | FRA:JLM

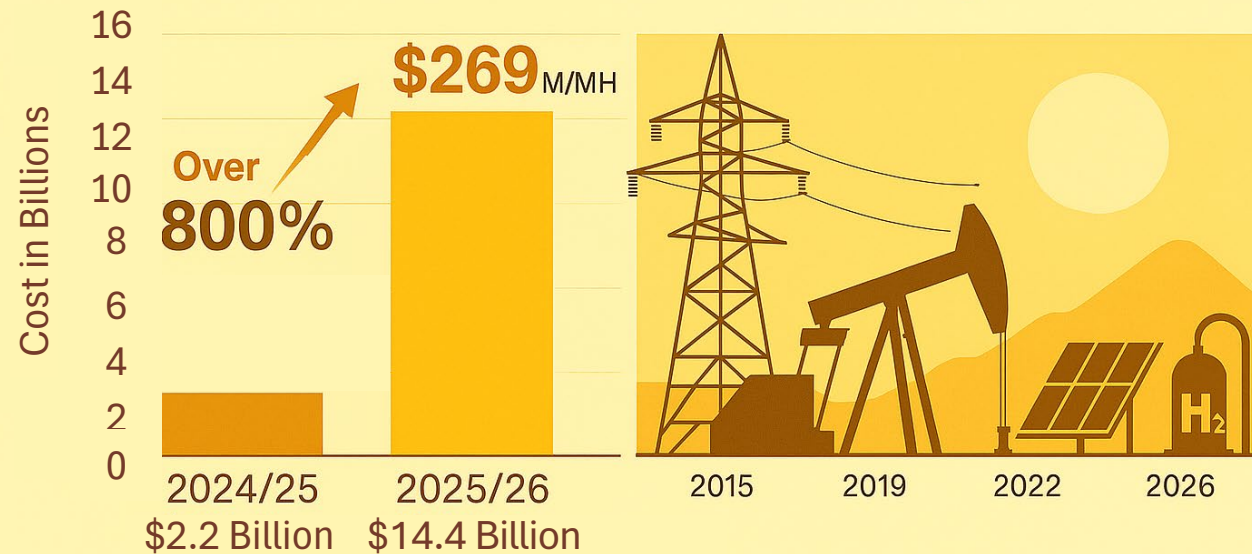
IMPORTANT – YOU MUST READ THE FOLLOWING BEFORE CONTINUING: The information contained in this document has been prepared by Jericho Energy Ventures, Inc. (the “Company” or “we”) and contains confidential information pertaining to the business, operations and assets of the Company. The information contained in this document (a) is provided as at the date hereof and is subject to change without notice, (b) does not purport to contain all the information that may be necessary or desirable to fully and accurately evaluate an investment in the Company, and (c) is not to be considered as a recommendation by the Company that any person make an investment in the Company. An investment in the Company is speculative and involves a number of risks that should be considered by a prospective investor. No sales of the securities of the Company shall be made until the Company and the potential investor enter into a subscription agreement for such securities. This document is confidential and is being provided to you solely for your information and may not be reproduced, in whole or in part, in any form or forwarded or further distributed to any other person. Any forwarding, distribution or reproduction of this document in whole or in part is unauthorized. This presentation is not, and under no circumstances is to be construed as, a prospectus, or advertisement or a public offering of securities of the Company. Prospective investors should not assume that this document is complete and should conduct their own analysis and investigation of the Company and consult with their own financial, legal, tax and other business advisors before investing in the Company. By accepting and reviewing this document, you acknowledge and agree (i) to maintain the confidentiality of this document and the information contained herein, (ii) to protect such information in the same manner you protect your own confidential information, which shall be at least a reasonable standard of care, and (iii) to not utilize any of the information contained herein except to assist with your evaluation of a potential investment in the Company. This document may have been sent to you in an electronic form. You are reminded that documents transmitted via this medium may be altered or changed during the process of electronic transmission. You are responsible for protecting against viruses and other destructive items. Your receipt of this electronic transmission is at your own risk, and it is your responsibility to take precautions to ensure that it is free from viruses and other items of a destructive nature. As a consequence of the above, neither the Company nor any director, officer, employee or agent of any of them or any affiliate of any such person accepts any liability or responsibility whatsoever in respect of any difference between the document distributed to you in electronic format and the hard copy version that may be made available to you. The information presented herein was prepared or obtained by the Company. Nothing contained herein is, or should be relied on as, a promise or representation as to the future performance of the Company.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION AND FORWARD-LOOKING STATEMENTS: Certain statements in this presentation constitute forward-looking statements and forward looking information within the meaning of applicable United States or Canadian securities legislation (collectively herein referred to as “forward-looking statements”), which can often be identified by words such as “will”, “may”, “estimate”, “expect”, “plan”, “project”, “intend”, “anticipate” and other words indicating that the statements are forward looking. Such forward-looking statements are expectations only and are subject to known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of the Company or industry results to differ materially from any future results, performance or achievements implied by such forward-looking statements. Such risks and uncertainties include, among others, regulatory or political change such as changes in applicable laws and regulations; factors or developments which may hinder market growth; the impact of the COVID-19 pandemic; reliance on management; the effect of capital market conditions and other factors on capital availability; competition, including from more established or better financed competitors; the need to secure and maintain corporate alliances and partnerships; and general economic, market and business conditions. These factors should be considered carefully, and readers are cautioned not to place undue reliance on such forward-looking statements. These risks, uncertainties and assumptions could adversely affect the outcome and financial effects of the plans and events described herein. In addition, even if the outcome and financial effects of the plans and events described herein are consistent with the forward-looking statements contained in this presentation, those results or developments may not be indicative of results or developments in subsequent periods.

Although the Company has attempted to identify important risks and factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors and risks that cause actions, events or results not to be as anticipated, estimated or intended. Forward-looking information contained in this presentation is based on the Company's current estimates, expectations and projections, which are based on the information available as of the date of this document. Prospective investors should not place undue reliance on any forward-looking statement contained in this presentation. Forward-looking statements contained in this document are made of the date of this presentation and, except as required by applicable law, the Company assumes no obligation to update or revise them to reflect new events or circumstances. Historical statements contained in this document regarding past trends or activities should not be taken as a representation that such trends or activities will continue in the future. In this regard, certain financial information contained herein has been extracted from, or based upon, information available in the public domain and/or provided by the Company. In particular historical results should not be taken as a representation that such trends will be replicated in the future. No statement in this document is intended to be nor may be construed as a profit forecast. An investment in the Company is speculative and involves substantial risk and is only suitable for investors that understand the potential consequences and can bear the risk of losing their entire investment. Investors should consider the following risks, in addition to many others, and consult with their own legal, tax and financial advisors with respect to all such risks before making an investment. **CAUTIONARY NOTE REGARDING FUTURE-ORIENTED FINANCIAL INFORMATION:** To the extent any forward-looking statement in this presentation constitutes "future-oriented financial information" or "financial outlooks" within the meaning of applicable United States or Canadian securities laws, such information is being provided to demonstrate the anticipated market penetration and the reader is cautioned that this information may not be appropriate for any other purpose and the reader should not place undue reliance on such future-oriented financial information and financial outlooks. Future-oriented financial information and financial outlooks, as with forward-looking statements generally, are, without limitation, based on the assumptions and subject to the risks set out above under the heading "Cautionary Note Regarding Forward-Looking Information and Forward-Looking Statements" and elsewhere in this presentation. The Company's actual financial position and results of operations may differ materially from management's current expectations and, as a result, the Company's revenue may differ materially from any revenue profiles provided in this presentation. Such information is presented for illustrative purposes only and may not be an indication of the Company's actual financial position or results of operations. **THIRD PARTY INFORMATION:** This presentation includes market and industry data which was obtained from various publicly available sources and other sources believed by the Company to be true. Although the Company believes it to be reliable, the Company has not independently verified any of the data from third-party sources referred to in this presentation or analyzed or verified the underlying reports relied upon or referred to by such sources, or ascertained the underlying assumptions relied upon by such sources. The Company does not make any representation as to the accuracy of such information. **TAXATION:** Prospective investors should be aware that the purchase of securities of the Company or any entity related thereto may have tax consequences. The Company assumes no responsibility for the tax consequences of any investment. Each prospective investor is strongly encouraged to consult its own tax advisor concerning any purchase of securities of the Company or any entity related thereto. **CURRENCY:** All dollar figures in this presentation are in US dollars unless otherwise indicated. **CAUTIONARY NOTE TO UNITED STATES INVESTORS:** The securities of the Company described herein have not been and will not be registered under the United States federal or state securities laws and may not be offered or sold in the United States, or to, or for the account or benefit of, "U.S. Persons" as such term is defined in Regulation S under the United States Securities Act of 1933, as amended (the "U.S. Securities Act"), unless an exemption from registration is available. 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.



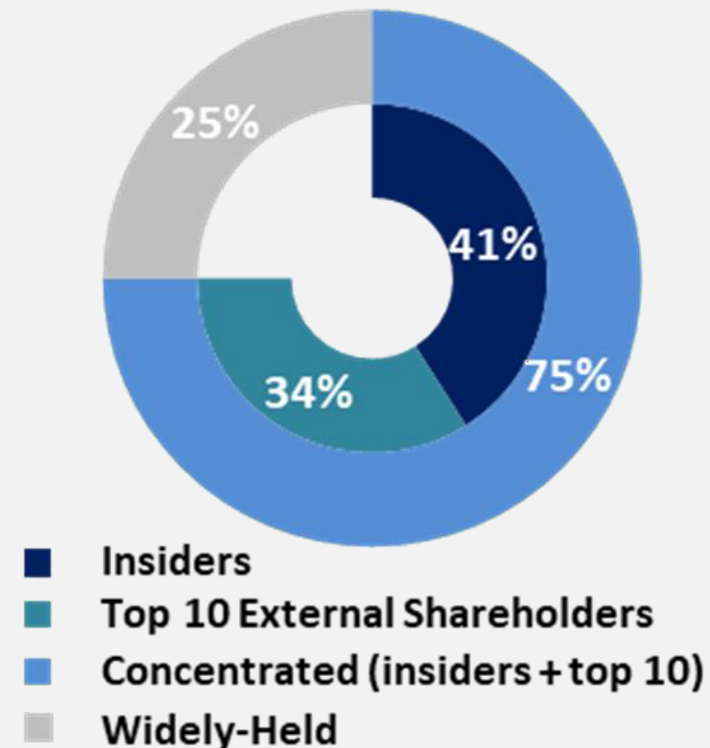
The Grid Cost Surge: A \$12.5 Billion Wake-Up Call



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

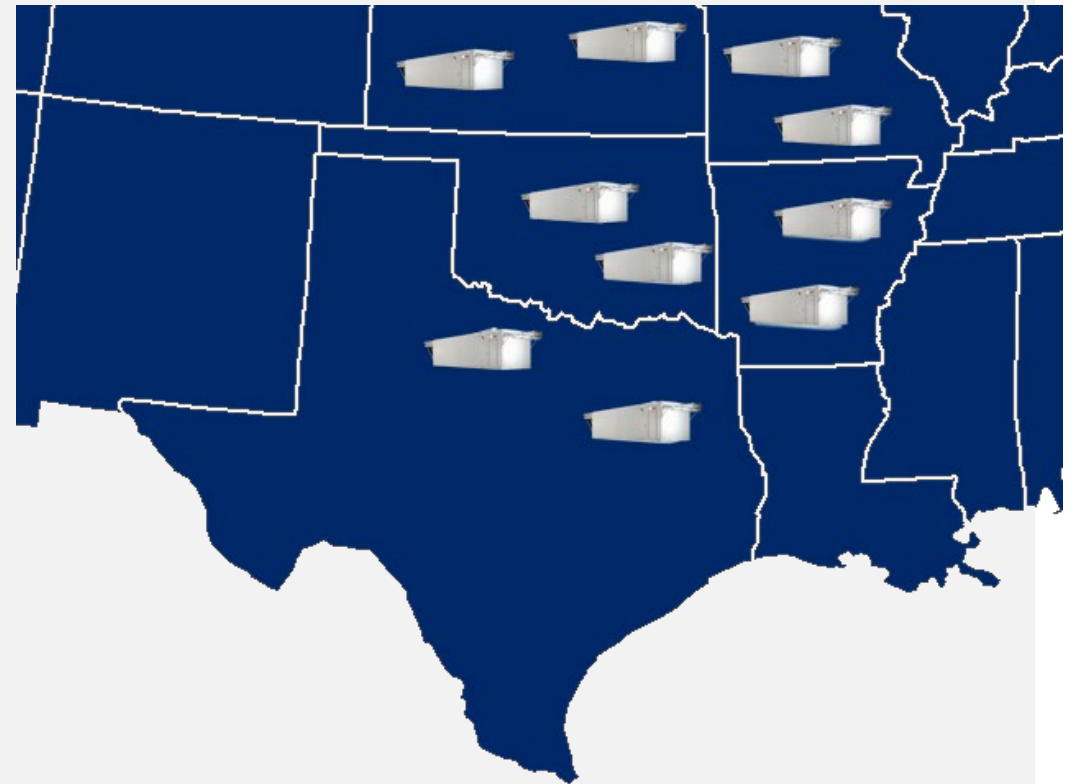
- Fast Efficient Solution from Contract to Deployment
- Turning abundant lower-cost **natural gas** into localized, consumable energy
- Abundant Supply, Fast Deployment, Reliable Uptime, Lower Emissions



*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"



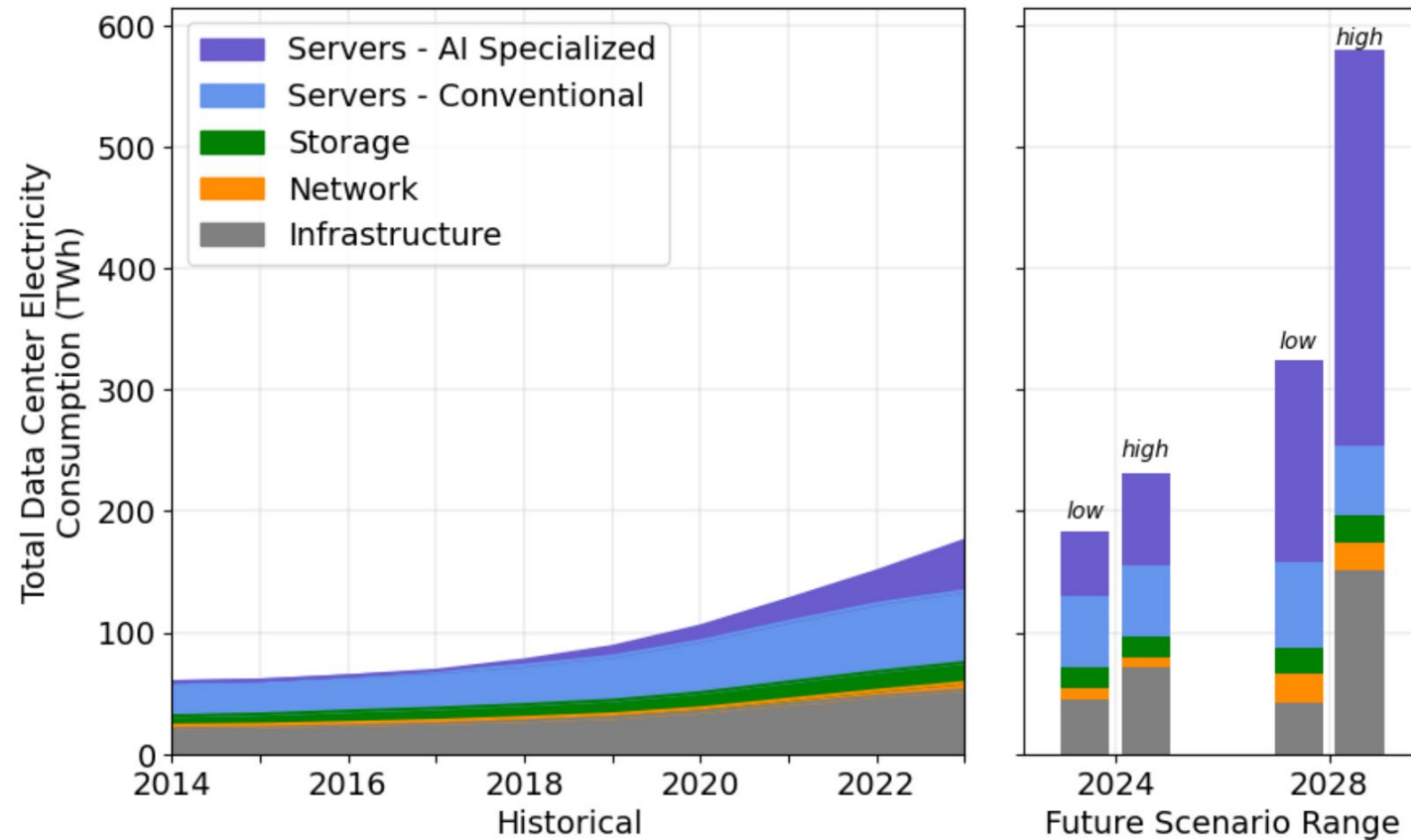
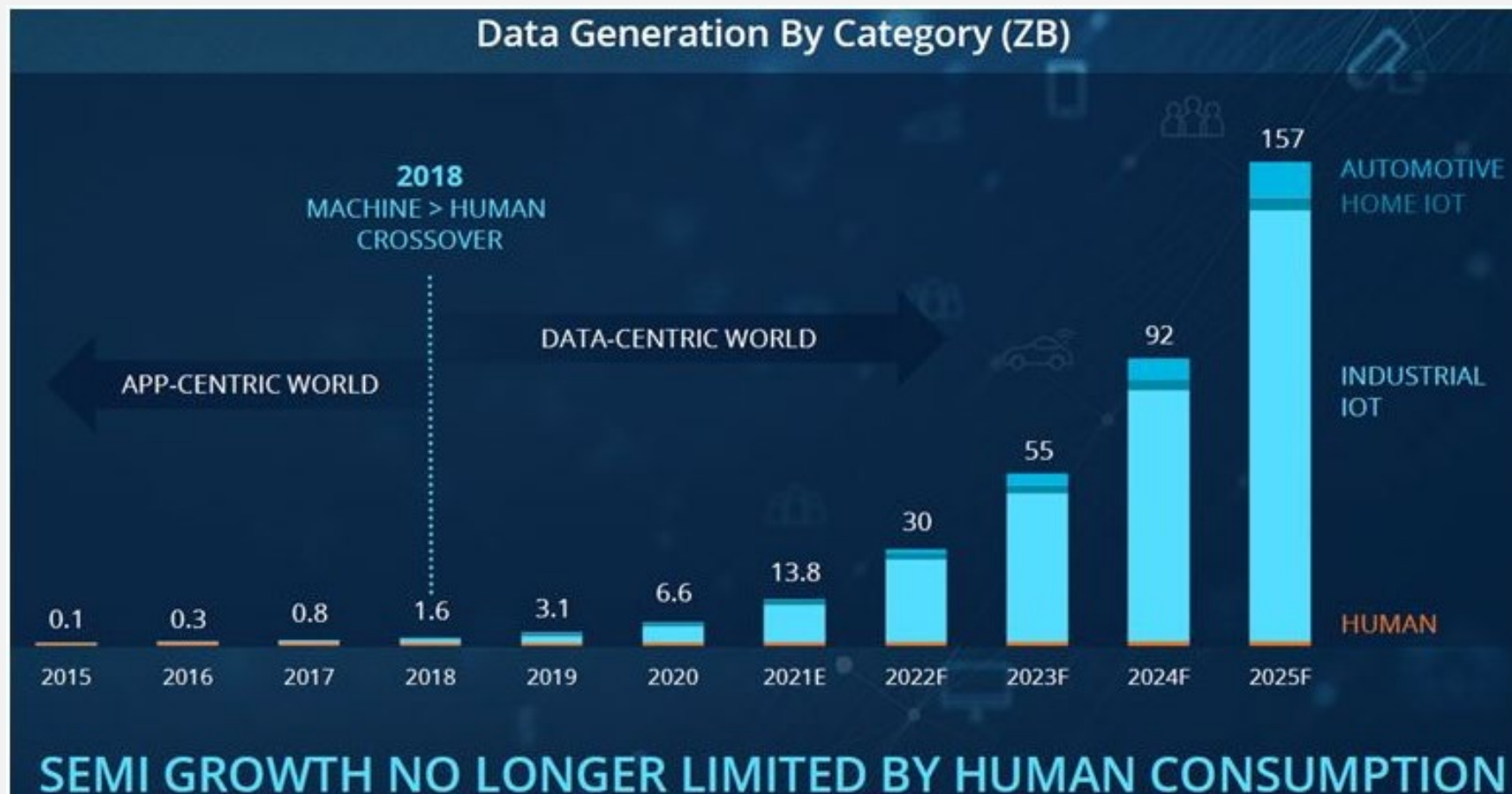


Figure 5.6. Total data center electricity use from 2014 through 2028 by equipment type.



- 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.

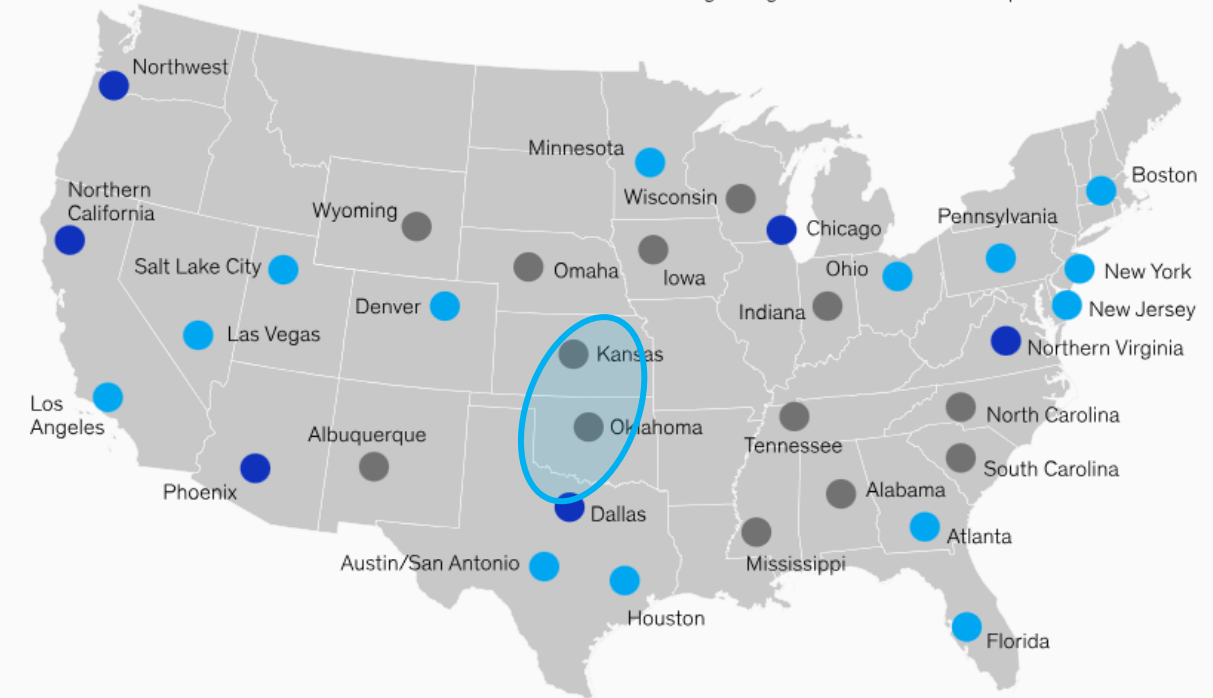
3. Environmental Impact Mitigation:

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

Data centers are emerging in more remote locations, where power is still abundant and grids less strained.

Data center presence in the US

- **Primary markets**
Existing demand of more than 800 MW¹
- **Secondary markets**
Lower but fast-growing demand
- **Emerging markets**
Emerging demand in markets where power is still abundant



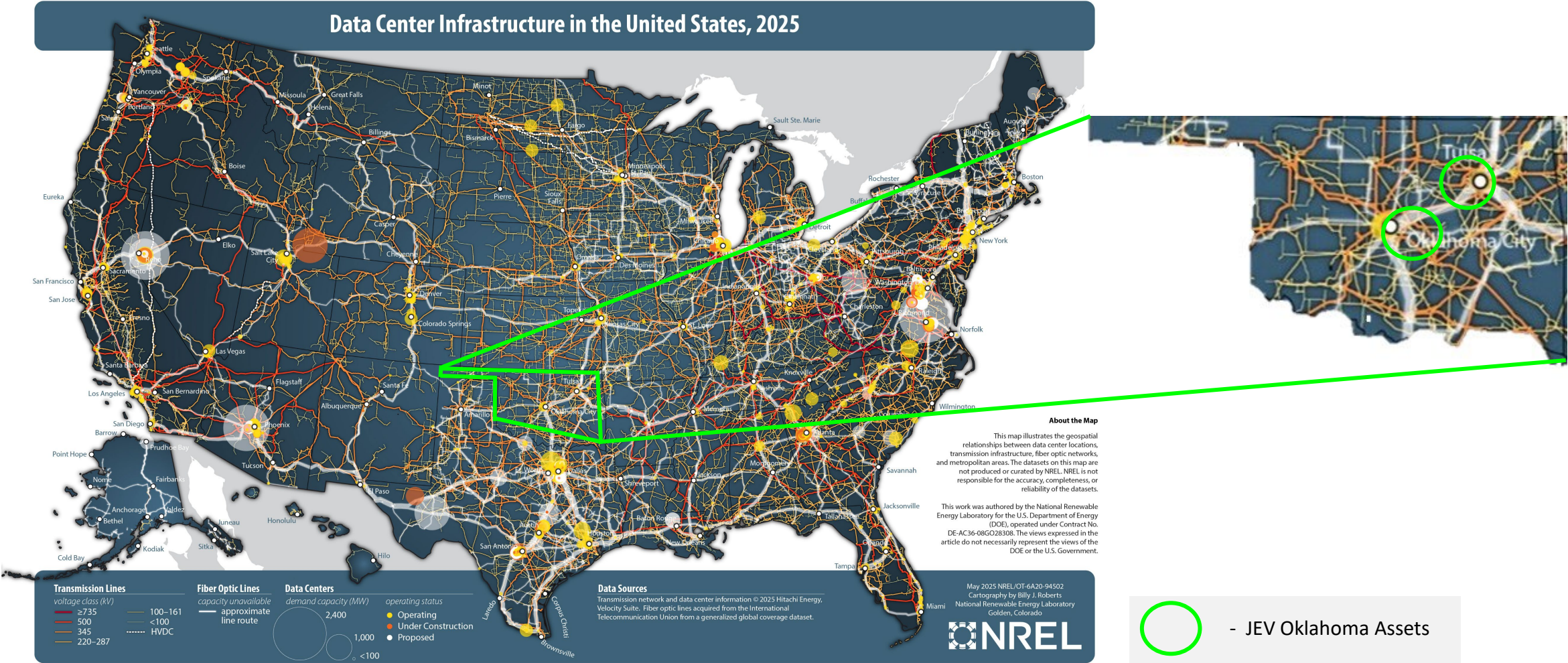
¹ Megawatt.
Source: Datacenters.com; S&P Global Market Intelligence 451 Research; McKinsey Data Center Demand model

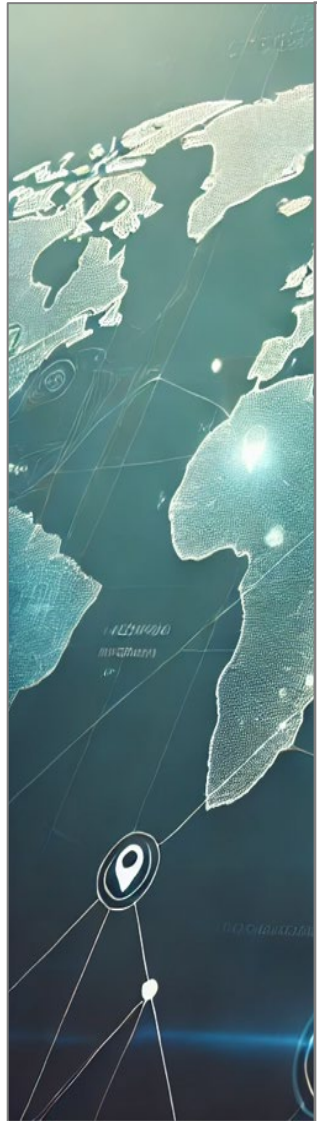
McKinsey & Company

*Source: McKinsey & Company, "How data centers and the energy sector can sate 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-sate-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.

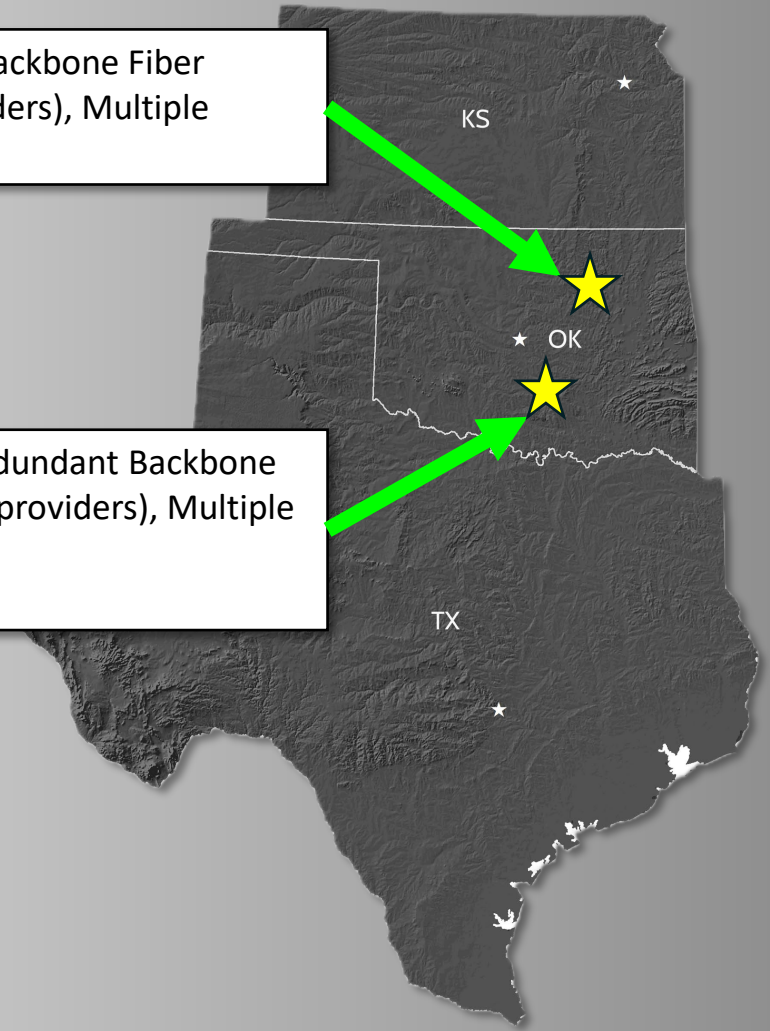




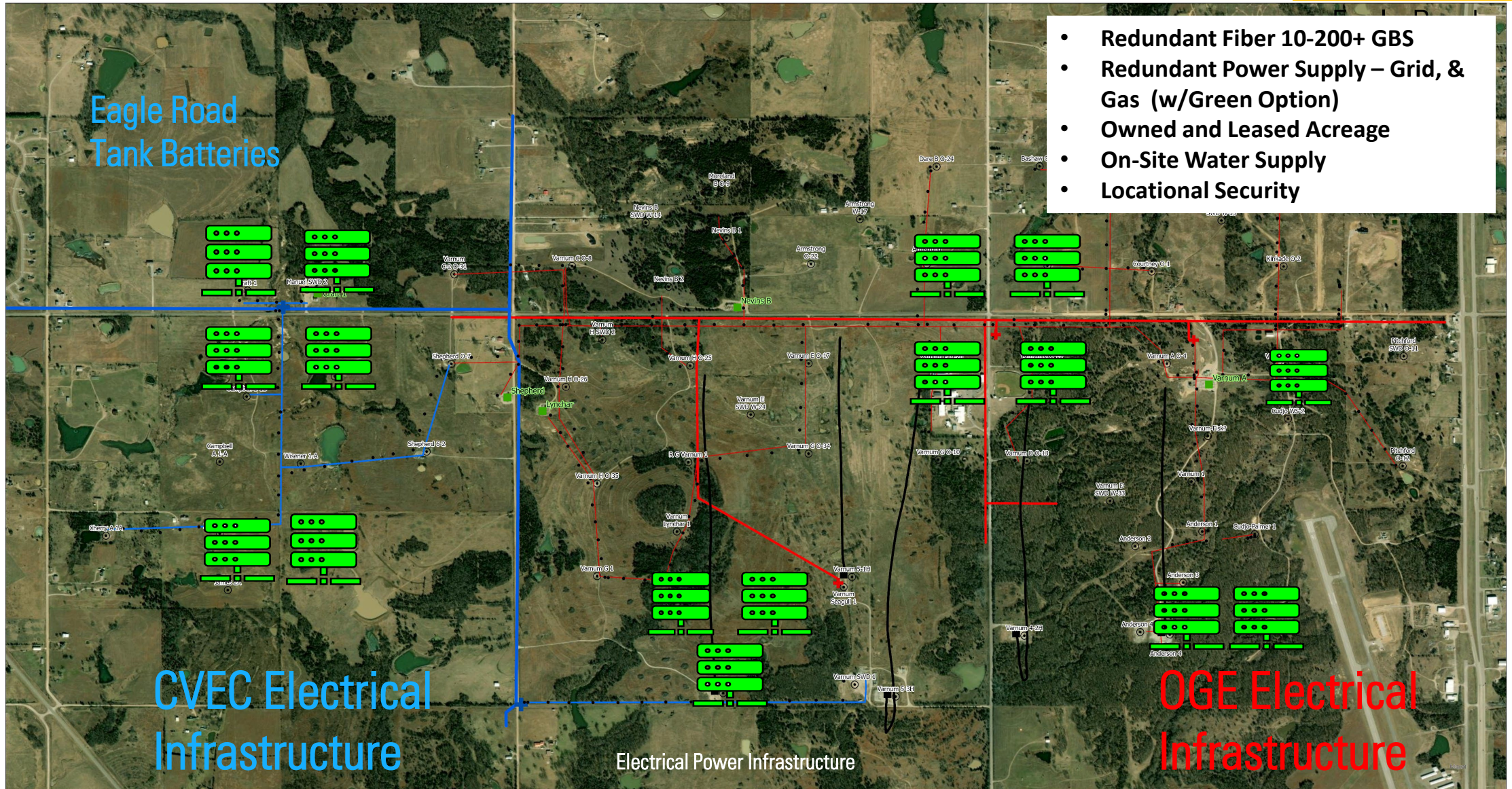
- 1. Fiber**
 - AT&T and Lumens Fiber.
- 2. Power**
 - Natural Gas, Grid and Hydrogen, Wind.
- 3. Land**
 - Owned and Leased by Eagle Road.
- 4. Water**
 - On-Site Access.
- 5. Physical Security**
 - Multi-Level Protection.
 - Remote NOCs – 24/7 monitoring

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

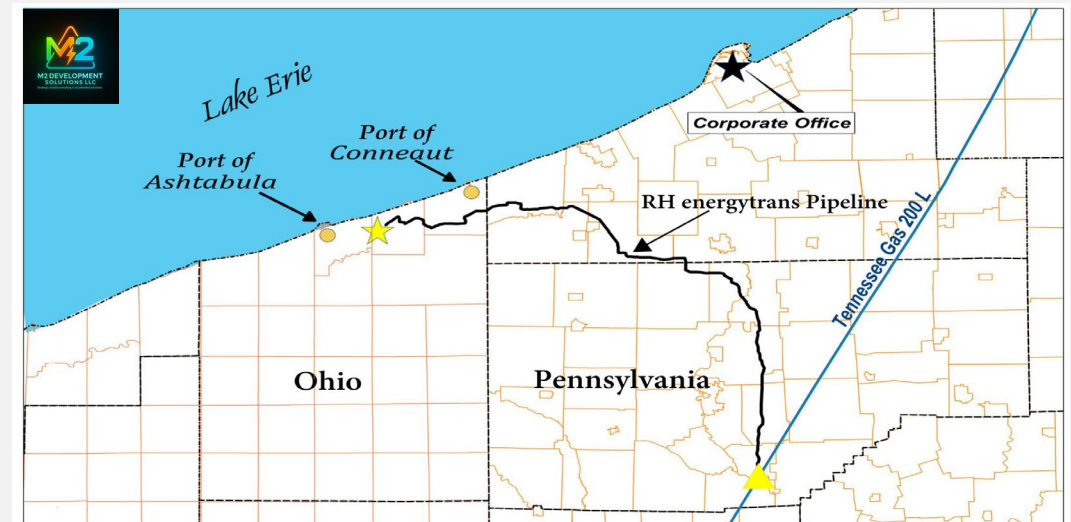
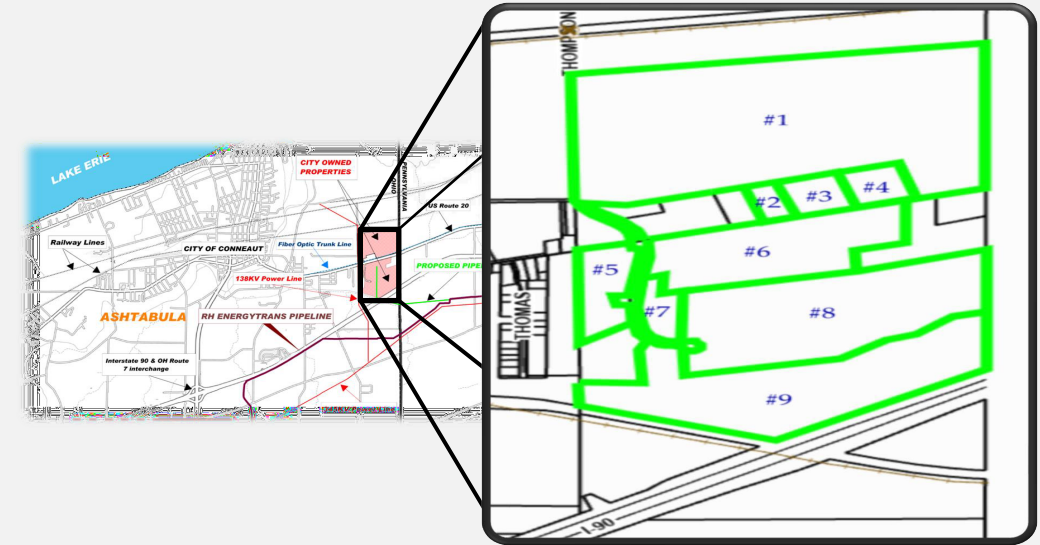
- City Water; potable 0.5-MGD available
- Potential for City owned raw water pump station & distribution

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



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 PARTICAPTION 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:

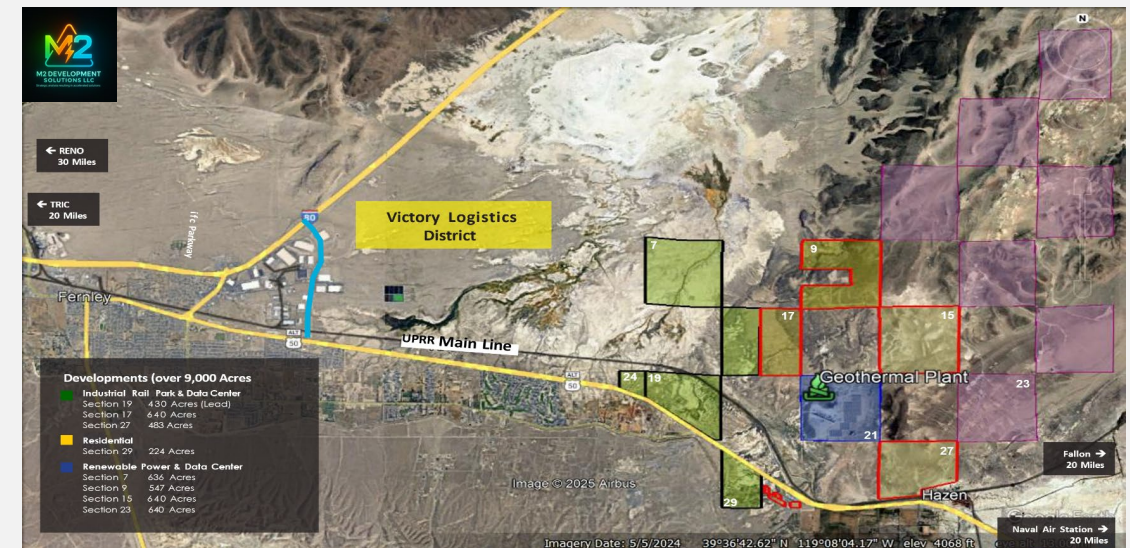
- Great Basin Gas pipeline has reserved 50M Dth's firm capacity, for annual distribution to the site starting in mid-2028. The represents just under 60MWs of power production capability.
- Current grid power forecast calls for 500MWs in 5 to 6 years. However, there are multiple efforts underway to shorten 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.

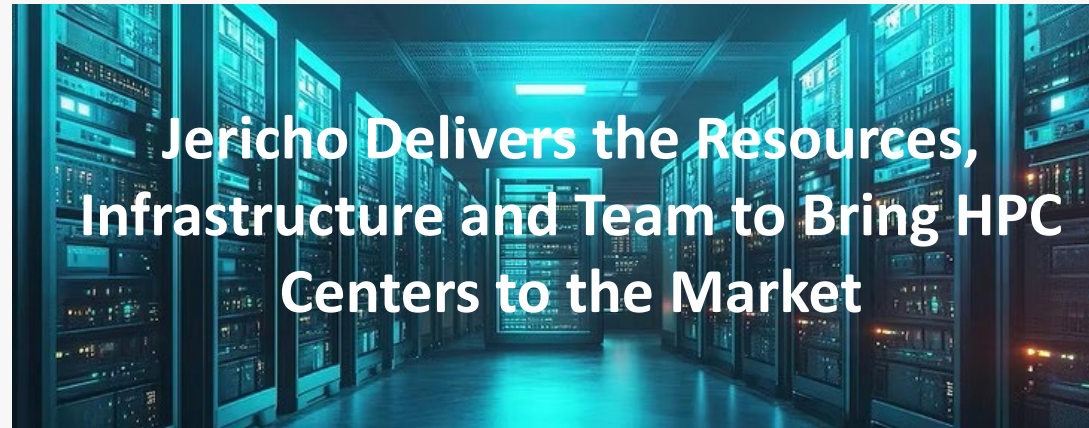
Fiber: Multiple Options: Main fiber run is along US Highway 50, which is immediately adjacent to the property. CC Communications, already supports numerous data centers in the area. Lucent has back bone fiber run along the I-80.

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

 I O T **MARA**



Hybrid Miners
(HPC Mining)

**Comp Average
9.1X**

 IREN


 CORE SCIENTIFIC



BIT DIGITAL


 NORTHERN DATA GROUP  TERAWULF


High Performance
Computing

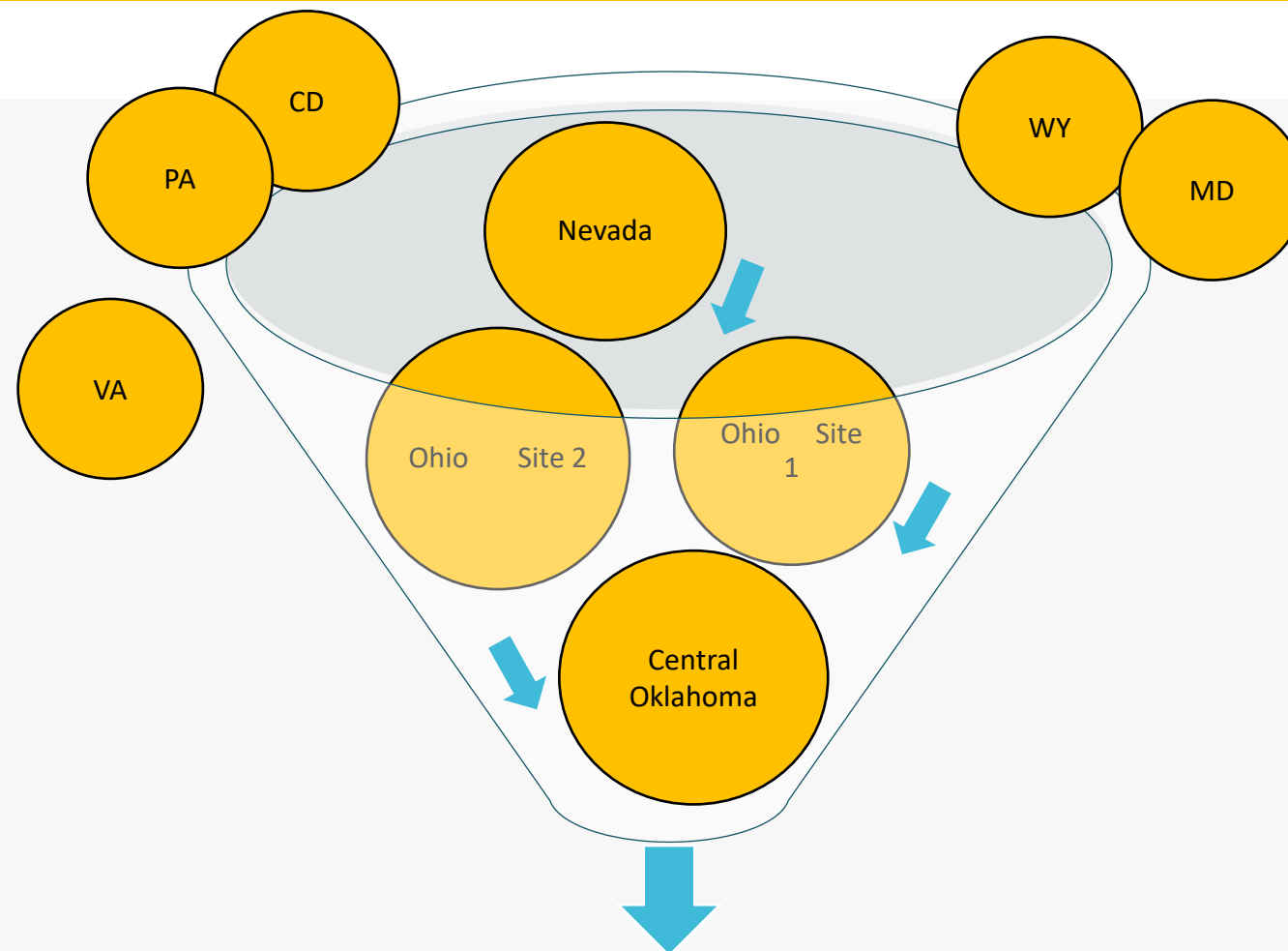
**Comp Average
21.9X**

 EQUINIX

 HUT8  IRON MOUNTAIN

 DIGITALBRIDGE

 **DIGITAL REALTY.**



MANAGEMENT AND EXPERTISE



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



DEAN MORETTON
Chief Commercial Officer

- 30+ Year Energy Industry Executive
- Led Larsen & Toubro Global Digital Solutions Group Sales & Partnership efforts
- President of Arc IT
- Product Director at Alstom
- Electrical Engineer by Education



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

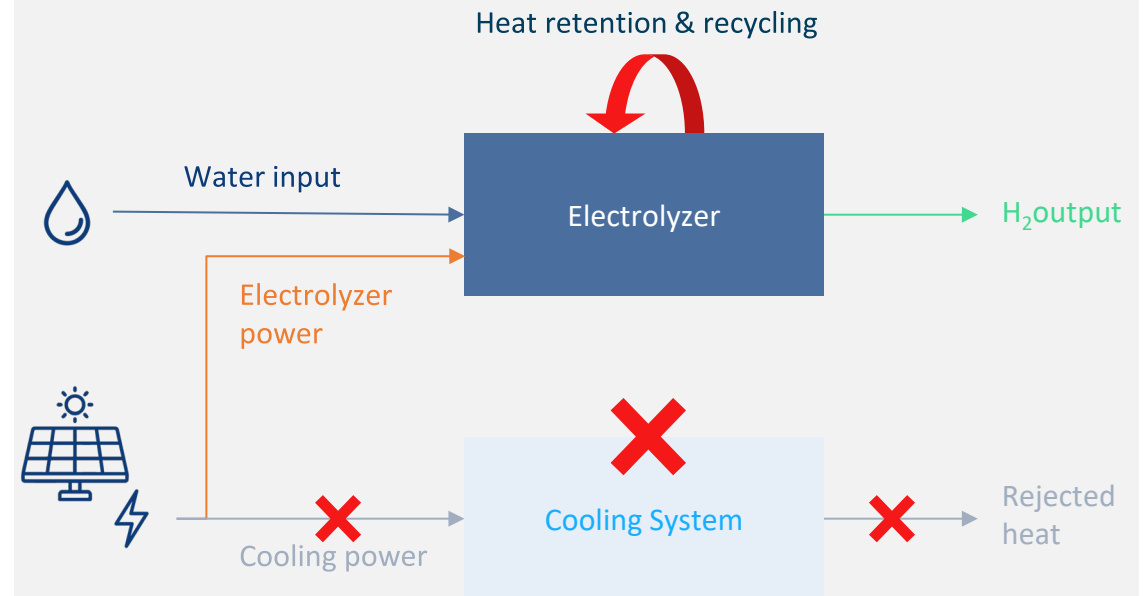


- Led Minority Investment Stake

*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)

