

# ADAMS FORK ENERGY

OFF GRID  
DATA CENTER  
SOLUTION  
**2.4 GW ONSITE POWER  
GENERATION**

For further information please contact:  
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## EXECUTIVE SUMMARY

- **2.4 GW** onsite, dispatchable power—**100% off-grid**
- Upgradeable to **9.6 GW**
- Sits on top a **1.5 trillion-gallon fresh-water reserve** for geothermal cooling and a PUE of 1.0
- **Low-cost electricity** fueled by local natural gas
- First power in **24 months**
- **Modular** Six Sigma+ reliability
- **Dual-fueled “on the fly”** equipment (natural gas & diesel) for redundancy





# SCALABLE & FLEXIBLE DESIGN

- **Dual-fueled** engines seamlessly transition to backup fuels
- **Six Sigma Plus** design for extreme reliability
- Upgradable to run on **zero carbon fuel**
- **Modular** data center pods allow phased build-out up to 9.6 GW



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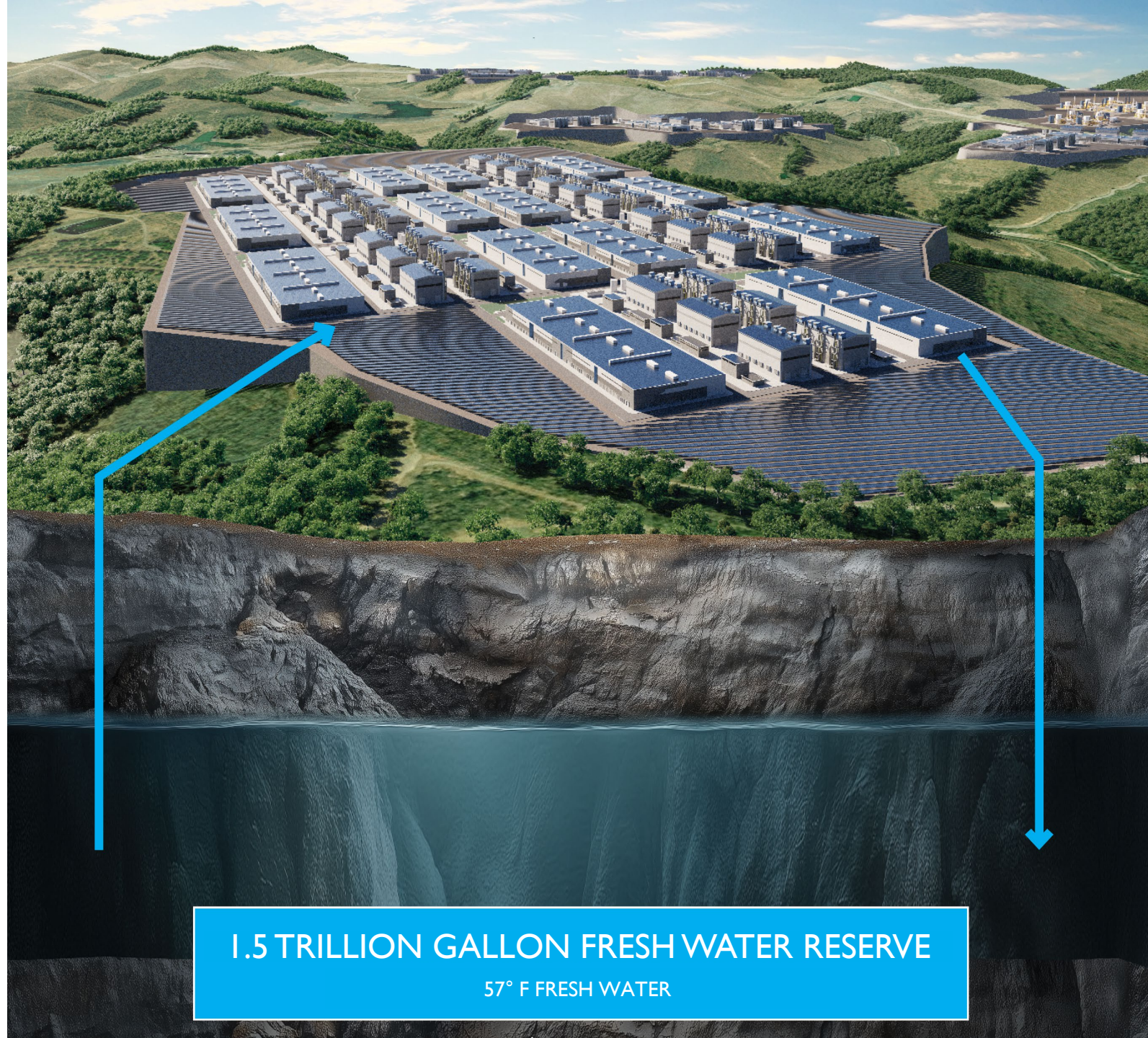
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# SUSTAINABLE AND FUTURE PROOF

- Access to 1.5 trillion-gallon proprietary fresh-water reserve for geothermal cooling
  - Allow for **PUE of 1.0** for maximal overall efficiency
  - Results in **no water consumption** or discharge: Avoids stressing local water resources
- **Lowest carbon emissions** for any simple cycle natural gas fueled electricity production
- **Future proof by Carbon sequestration** directly into underlying saline aquifer



1.5 TRILLION GALLON FRESH WATER RESERVE

57° F FRESH WATER



# LOW-COST, ONSITE POWER

- Sits adjacent to **abundant, low-cost natural gas** reserves
- **Designed for Island Mode Operation**, eliminates dependence on grid volatility and demand and transmission charges
- **Price-competitive** with (or below) typical PPA/electricity market rates
- Expected cost of energy, excluding capex, **below \$.02 per kWh** for 20 years.



180 MW Power Generation

200,000 SF Data Center

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# POWER RELIABILITY & SPEED TO MARKET

- **2.4 GW** of Natural Gas for **24/7/365** power
- **Modular** Six Sigma+ reliability
- **Dual-fueled “on the fly”** equipment (natural gas & diesel) for power reliability
- **Fast-track construction** – first power within **24 months** of financial closing
- **Existing permits, Water and Site Control** in place, streamline development and reduce risk



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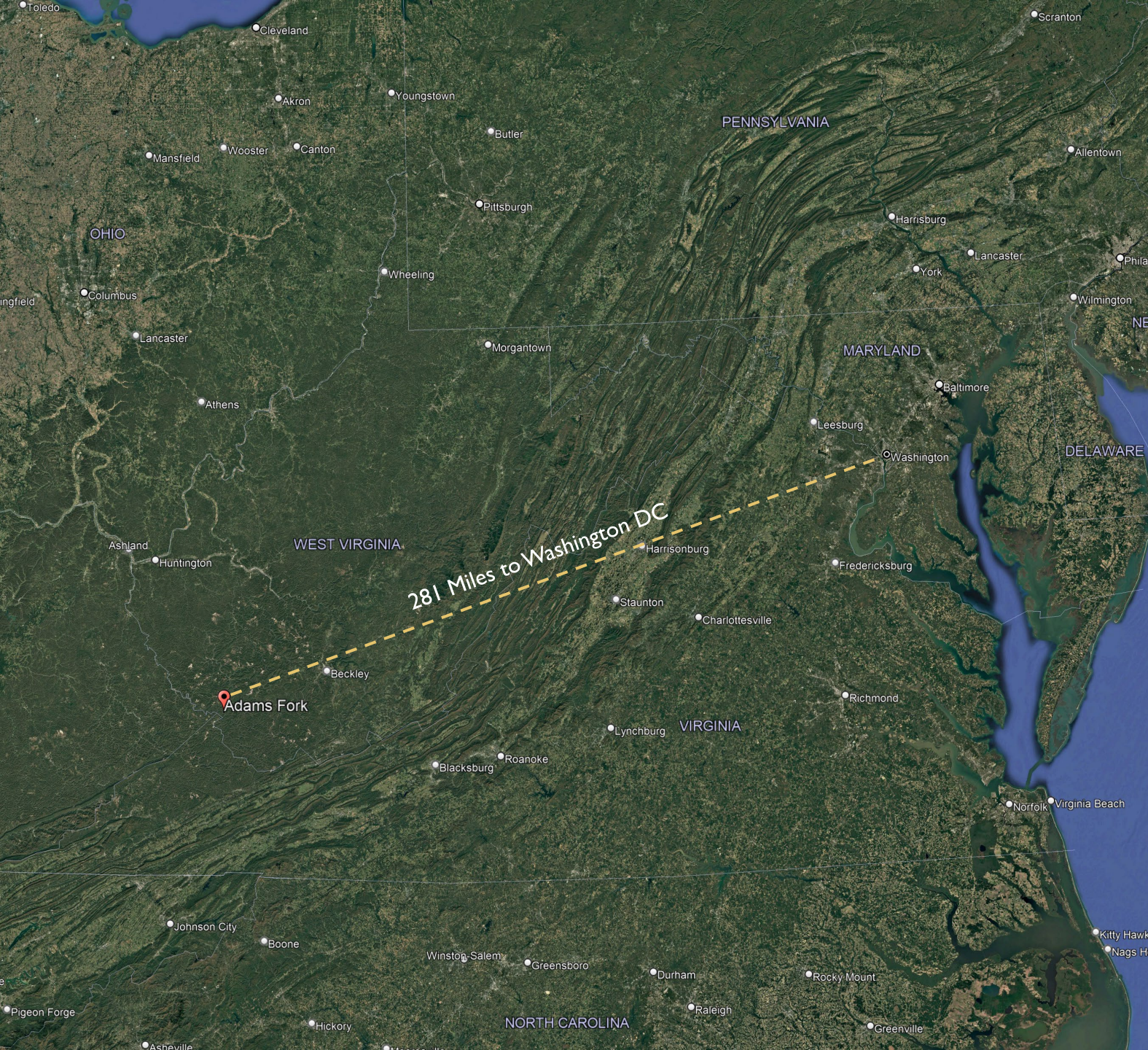


# ENGINE RELIABILITY

- Mission critical equipment with a fleet history of **1.4 billion running hours**
- **Dual Fuel** on the fly for seamless operation
- **Ultra Heavy Duty**, designed for 40 years lifetime running 24/7
- **Highest integrated spinning reserves** on the market for 6 sigma+ reliability
- Optimal equipment for **off-grid**, island mode power generation







## SECURE & STRATEGIC LOCATION

- **Mingo County, WV** – low seismic and hurricane risk
- **Adjacent to major transportation networks** (roads, rail) for logistics
- **Robust fiber access** for high-speed data connectivity
- Located in the middle of the vast **Appalachian natural gas fields**





# COMMUNITY IMPACT

- Developer invests in a **mixed-use village** with housing, retail, and services
- Community-oriented approach revitalizes a **historically coal-dependent** region
- Positive social impact via **job creation** and long-term economic uplift
- Community support ensures streamlined **permitting and development** processes
- Ability to leverage for **other data center campuses** in the area
- Comprehensive **mixed-use village** to support data center staff and community



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## WORLD CLASS PROJECT DEVELOPMENT TEAM

- Leading International Firms
  - Lagan, Ware Malcomb, and JBB oversee design, engineering, and architecture
- Strategic Partnership
  - Premiere manufacturer of ultra reliable engines
- Comprehensive Land Surveys
  - Thorough land integrity surveys with locally and internationally renown experts



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# WHY ADAMS FORK ENERGY?

- **Cost leadership:** Some of the cheapest energy in the country with no grid or demand charges
- **Speed to market** with first power delivered end of 2027
- **Scalable** off-grid solution up to **9.8 GW**
- **Modular Six Sigma+** power with 125 year and 1.4 billion running hour history
- Proprietary **1.5 trillion gallon fresh-water reserve for geothermal cooling** and a PUE of near 1.0



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# OUR TEAM

- We've assembled a **global coalition of recognized experts**—spanning engineering, design, power generation, and project development—each with a proven record of delivering world-class data center or power solutions.
- Collectively, this team combines cutting-edge technical expertise with deep regional knowledge to ensure a **robust, cost-effective, and future-ready infrastructure**.
- This experienced, multidisciplinary group stands uniquely positioned to meet our **exacting standards for sustainability**, reliability, and speed to market at Adams Fork.



**ADAM VICTOR**  
PRESIDENT / CEO  
TransGas



**MITCHEL W. SIMPLER,**  
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**Dr. HASSAN MODARRESI**  
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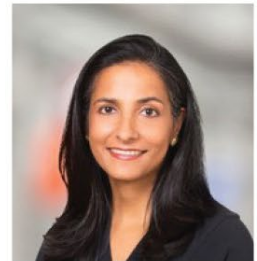
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MANAGING DIRECTOR  
Duiker BV, Netherlands



**OFIR ZOHAR**  
FORMER COMMANDER  
Israeli IDF Cyberwarfare





# CLOSING STATEMENT

**Adams Fork Energy** has developed a project combining, **low-cost energy, six sigma reliability, environmental sustainability, security** and **speed to market**, with no strain on local or public water supplies. It is uniquely positioned to be one of the nation's **premier hyperscale data center** campuses to serve Americas burgeoning AI needs.

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