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3 Critical Challenges - 1 Solution

- Treat & Purify Millions of Gallons of Industrial Waste Water Daily at Costs Comparable to What Operators Already Pay
- Add Billions of Gallons of Fresh Water to Ecosystems While Purifying Produced Water - Especially in Conservation Areas
- Leverage Waste Heat to Reduce Water Consumption & Discharge Significantly

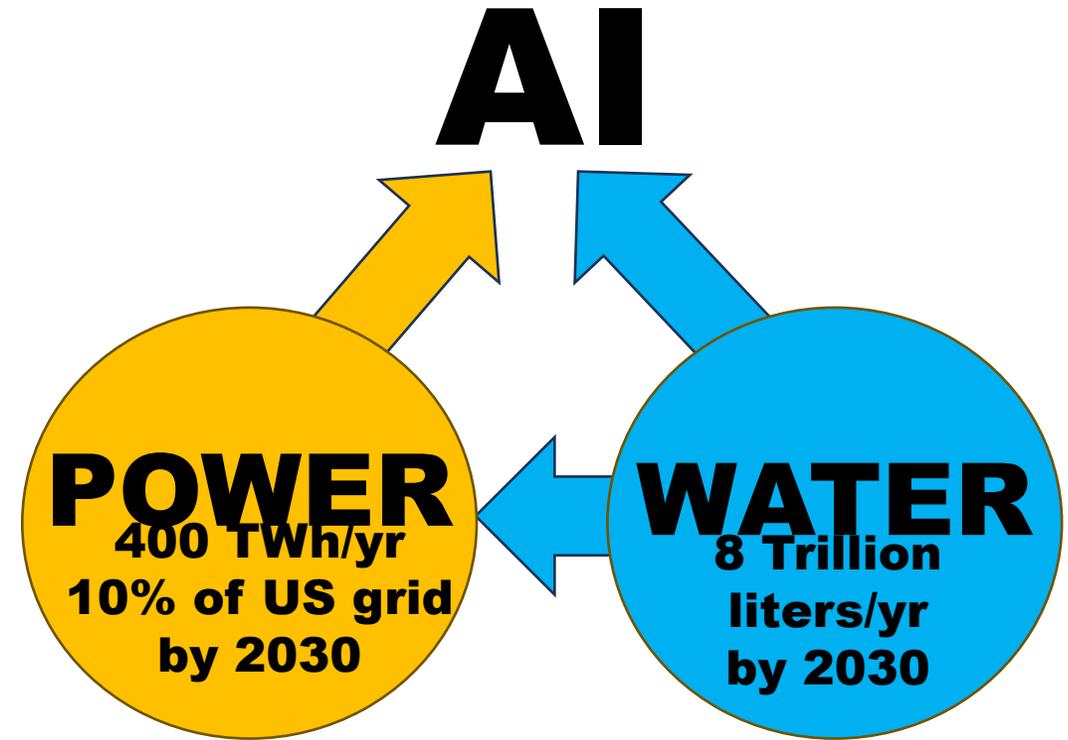


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**Problem 1:
AI needs Power &
Water**

By 2030 AI Requires:

- Electrical Power – 400+ TWh/yr
~12% of US grid & some say it could be a lot more
- Cooling Water – 8 Trillion liters/yr
~20% of all US residential water usage





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Problem 2: Making Power for AI requires natural gas*, which requires (even more) Water

Most AI data center power plants are located near low-cost natural gas sources.

Gas Production Requires:

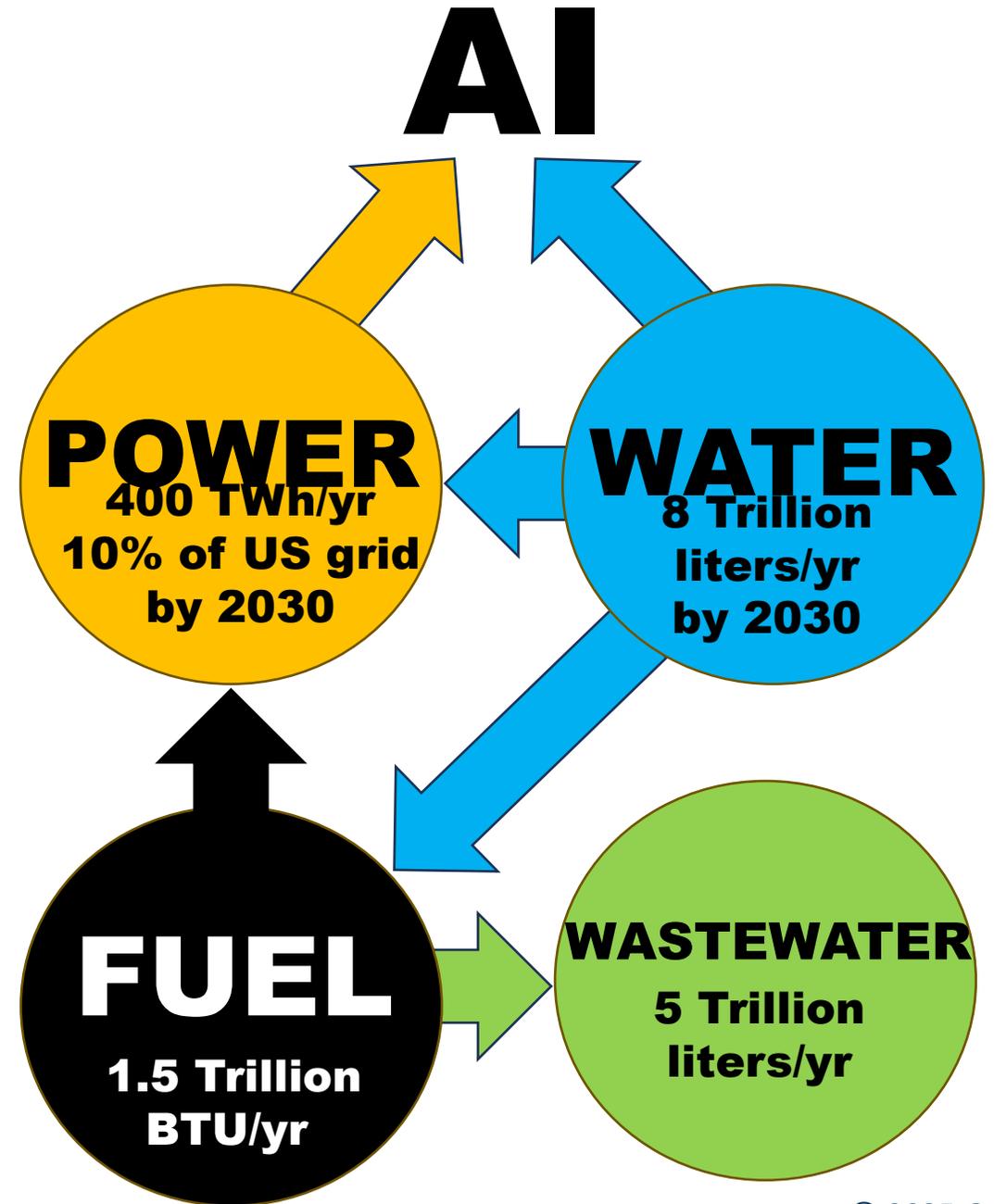
- Water - 60-80 Million liters per fracked well

And Produces Wastewater (Produced Water):

- 7+ bbls for every mcf of gas produced
- 5 Trillion liters per year
- 2-8x higher salt content than seawater

*Nuclear will help, but not anytime soon

*Solar & Wind are not 24/7 or enough



GNEUTON'S APPROACH – 1 SYSTEM FOR AI COMPUTE, POWER GENERATION & WATER TREATMENT



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- Co-locate AI Compute, Power Generation & Water Treatment
- Low value natural gas fuels gas turbine generators to generate electricity for AI
- Waste heat from the gas turbines powers our Patent Pending Wastewater Treatment System
- Ability to scale is enormous

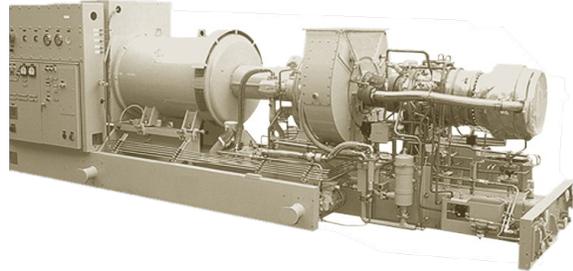




Gneuton Solves ALL three problems at once

- **Natural Gas Turbine generators burn natural gas to produce power**

- 5 - 300 MW per engine
- Clean burning, low emissions
- Standard, high reliability engines (eg., GE, CAT, Siemens, etc.)
- Typically, 10 - 15 years between major overhaul



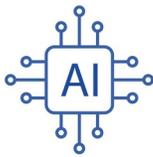
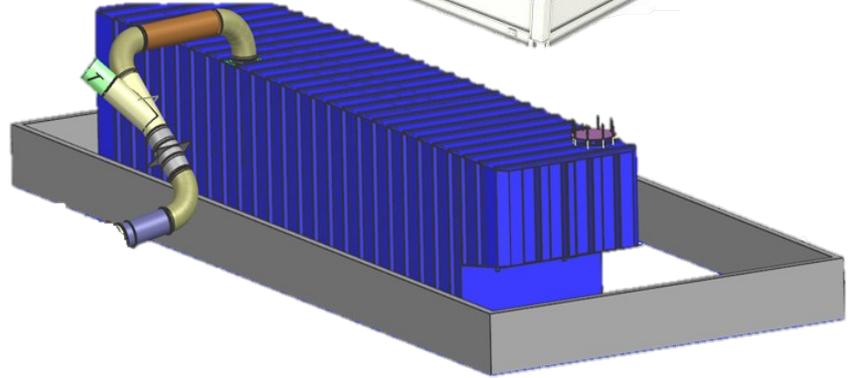
- **Wastewater is Eliminated**

- 4,000 - 200,000 bbl per engine per day (Up to 16 Million liters/day)
- Up to 90% volume reduction (critical for energy industry growth too)
- Clean water can be evaporated, repurposed for AI cooling loops, or for farmland irrigation
- Proprietary approach (Patent Pending)



- **Electricity can power AI cloud computing**

- High value revenue
- Standard Chips (NVIDIA, AMD, etc.)
- Low-cost power
- Low environmental impact (Off-Grid Electricity & Water)



Multiple Revenue Models & Attractive Recurring Revenue Streams

The Secret Ingredient - Gneuton's Patent Pending

Gas Turbine Waste-Heat Zero-Energy Distillation

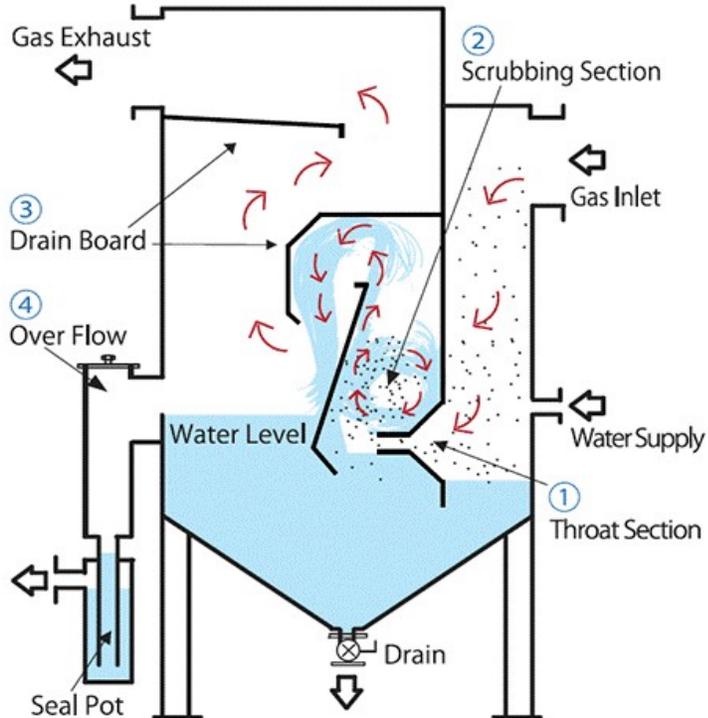


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- A process where hot exhaust gas is in direct contact with water – no heat exchangers or moving parts in water contact
- Often used in industrial applications, including water heating & wastewater treatment
- Advantages of efficient heat transfer & reduced emissions
- Adapted & modified to treat industrial wastewater using gas turbine exhaust as the heat source
- Gas turbines produce ideal combination of heat, velocity, & pressure

Our tech is inspired by an industrial air scrubber, but highly optimized for water evaporation using jet engine exhaust.

✓ PATENT PENDING



SCALABILITY IS THE KEY

- **Power Generation can be scale-limited**
 - Power costs must increase with demand
 - Power generation has huge environmental impact (CO₂ & Water)
 - Power generation requires fuel (oil & gas), which is limited by water availability & waste brine disposal
- **Gneuton is infinitely scalable**
 - USES low value, stranded fuel or cheap natural gas
 - REDUCES net CO₂ emissions
 - ADDS significant net clean water to the environment

Creating Circular Economies with Net Zero Water Use



1st Gen Prototype – Jan 2024





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Full Scale Prototype – July 2024



Initial Scale Prototype Testing

Completed Feb 2024

- 500 bbl Dragon Frac tank (modified)
- Garrett GTCP85 APU engine
- Shaft power equivalent ~300 kW
- 200 bbl/day achieved
- Fuel burn 400,000 btu/bbl
- Final output temp – 145 F
- Vapor Purity – 190 ppm

Full Scale Prototype Testing

Completed July-Aug 2024

- 500 bbl Dragon Frac tank (modified)
- Honeywell 131-9 APU Engine
- Shaft power equivalent ~1200 kW
- 800 bbl/day achieved
- Fuel burn 350,000 btu/bbl
- Final output temp – 185 F
- Vapor Purity – 190 ppm



Executive Management Team:

Brad Martineau – Chief Executive Officer (CEO):

Experience: 25 years in the oil and gas industry, forming, scaling, and selling a successful oil and gas company for millions within just two years of formation. In addition to his oil and gas industry expertise, he has a proven history of starting and scaling tech and real estate companies. Mr. Martineau is also a licensed attorney with more than 25 years of legal experience in oil and gas and corporate law. He brings strong leadership skills to every endeavor that he undertakes, consistently driving success and innovation through the lens of an astute business and legal mind. Mr. Martineau prides himself in his ability to identify and surround himself with the best talent in the industry knowing that this is the key foundational component for any company's success.



Tom Joseph – Founder & Chief Technology Officer (CTO):

Experience: Mechanical/Aerospace engineering, business startup & growth, product development, team leadership, environmental technology, design for manufacture.

- **Innovator of the Year Award:** Pittsburgh Technology Council - Environmental Technology
- **Environmental Innovation Award:** Carnegie Science Awards - Environmental Innovation
- **Emerging Technology Finalist:** Platts Global Energy Awards - Advancing Global Energy Solutions
- **Energy Leadership Recognition:** Pittsburgh Business Times - Energy Sector
- **Smart 50 Award:** Chase Smart Business Awards – Exceptional Business Acumen and Innovative Strategies.
- **National Science Museum of London:** Featured in the Future of Water Technology Exhibit.
- **Patent Portfolio:** Over 12 patents issued and pending in more than 40 countries.





Eddie Edwards – Chief Legal Officer (CLO)

Mr. Edwards has a distinguished 25-year career in corporate law and business operations. He has served as an executive and general counsel for numerous entities in the media and sports/entertainment industries. As legal counsel, Mr. Edwards has represented hundreds of clients across various sectors, guiding them from formation to exit. His expertise extends to regulated industries, where he has ensured state and federal compliance for numerous entities. Additionally, Mr. Edwards is an active member of several corporate and charitable boards, contributing his extensive knowledge and leadership.



Greg Sipos – Chief Financial Officer (CFO)

Mr. Sipos has over 30 years of experience in the banking industry, exclusively in Corporate Banking. Throughout his career, he has financed and syndicated Investment Real Estate projects exceeding \$100 million. Mr. Sipos has been instrumental in forming and developing verticals in Investment Real Estate and Private Equity and has successfully built regional models to promote growth in Pennsylvania and Ohio. For the past five years, he has served in an Executive role, overseeing more than 250 employees across various departments including Investment Real Estate, Private Equity, Large Corporate Finance, Middle Market Lending, and Treasury Management. Mr. Sipos is also a committed community leader, having served as Chairman of the Chamber of Commerce, Chairman of the United Way, and on the boards of Indiana Regional Healthcare and Indiana IDC. He prides himself on his leadership and his ability to provide innovative solutions that differentiate his personal brand from the competition.

