

Can AI Read What's Been Burned?

Ancient scrolls reveal a new way to decode energy system chaos.

Swipe for insights →

THE DATA

first passages of rolled-up Herculaneum scroll revealed

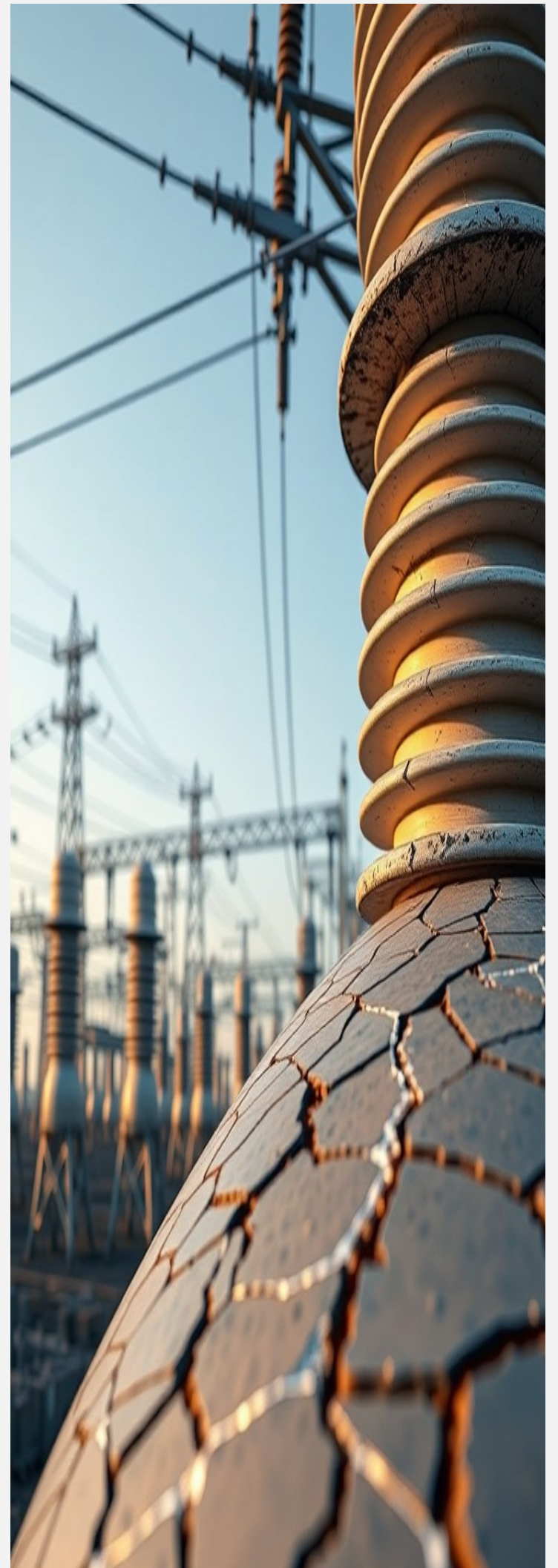
Text Recovery Milestone

Scientists have now extracted readable text from the first sections of a charred Herculaneum scroll using AI without unrolling it.

This breakthrough demonstrates AI's ability to reconstruct highly degraded, layered information from minimal physical cues—mirroring the challenge of decoding fragmented energy system data across aging infrastructure. In energy, this means AI could reconstruct operational patterns from corrupted sensor logs, incomplete grid reports, or legacy data silos without requiring full system overhauls.

Source: Nature • Published September 25, 2026

https://www.nature.com/articles/d41586-026-03041-y?error=cookies_not_supported&code=4c8e5087-942b-49f8-9792-127c6aa0e50a



01

Decoding Noise as Signal

The Herculaneum scroll work shows that AI doesn't need perfect data—it needs context. In energy systems, this means AI can derive actionable insights from corrupted or incomplete grid telemetry, especially in under-resourced or rapidly aging networks. The same algorithms that detect faint ink under ash can detect load anomalies in solar microgrids or predict transformer failure from partial diagnostic data.



02

The Power of Non-Invasive Reconstruction

Just as researchers avoided unrolling the scrolls to preserve them, AI in energy can analyze system behavior without disrupting operations. This applies to real-time grid modeling, where AI simulates system responses using historical and live data without requiring physical intervention. It's a paradigm shift: from reactive fixes to predictive, non-invasive intelligence.

MIT, Nvidia, Google & IBM-Trained. Cross Domain-Expert: Quantum, AI, Ethics, Sovereignty, Intelligence, Philanthropy.
Solepoint Planning. VUI AI Cloud Architect. AI Certifications Development. Quant/AI Instructor. Castor Venture Club Member.
Associate Broker.

George Arnold Alexander III, MPA

Director, ALEX Companies

Associate Broker, Alexander Tiffany Southwest, LLC dba ALEX.realestate, et.al.

Texas License #574878-B · Broker License #565194-BB

Broker, ALEX Real Estate · North Carolina License #367733

Independent Broker, ALEX Real Estate · Colorado License #II.100112456

george@alex.realestate · +1 713.918.9951

ALEX

ALEX Intelligence
deep intelligence

ALEX Real Estate
genius real estate

ALEX Advisory
uncontested strategy

ALEX Cares
purposeful philanthropy

