



WHO WE ARE

Quaise Energy is a leading developer of grid-scale superhot geothermal energy.

OUR MISSION

To make superhot geothermal a backbone of the modern energy system by offering affordable, zero-carbon power and true energy independence for communities everywhere.

KEY LEADERSHIP

Carlos Araque
President and CEO

Kevin Bonebrake
CFO

Matt Houde
Chief of Staff



[QUAISE.COM](https://quaise.com)

Founded: 2018
Headquarters: Houston, TX

QUAISE STANDS APART FROM CONVENTIONAL GEOTHERMAL

OUR BREAKTHROUGH TECHNOLOGY

Our proprietary millimeter wave technology uses a powerful gyrotron **to ablate rock for the first time ever** without any downhole hardware and enables us to reach superhot rock i.e. around **752°F (400°C)**, far beyond the reach of conventional drilling.

OUR UNMATCHED POTENTIAL:

By tapping into these higher temperatures, even at extreme depths, our geothermal plants will rival the output of today's most efficient fossil fuel plants.

QUAISE SUPERHOT GEOTHERMAL WILL BE TRANSFORMATIONAL

- **Superior energy production:**
5x-10x more energy than traditional geothermal
- **24/7 clean energy:**
Clean, reliable, always-on power at true scale
- **Energy security & independence:**
Harnesses earth's stored heat energy virtually everywhere
- **Sustainable by design:**
Decades of reliable zero-carbon energy with minimal environmental footprint
- **Cost efficiency:**
Low operating costs with no ongoing fuel supply

KEY MILESTONES

2008-2018: millimeter wave drilling developed at MIT

2018: Quaise founded to realize potential of superhot geothermal

February 2022: raised \$40 million in series A funding

July 2025: drilled 100 meters using proprietary millimeter wave technology in Central Texas

Media Contact

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