

# Texas Geothermal Energy Alliance Launches Operations

AUSTIN, TEXAS, USA, January 13, 2022 /EINPresswire.com/

-- The newly-organized [Texas Geothermal Energy Alliance \(TxGEA\)](#), a Texas-led advocacy group created to advance geothermal energy in Texas, officially launched operations.

“

The rise of geothermal energy is coming at a pivotal time in Texas because technological advances are coupled with energy market incentives and a supportive legislative and regulatory framework.”

*Barry Smitherman, Past Chair  
of the PUCT and the Texas  
Railroad Commission*

TxGEA is a broad and interdisciplinary group of entities engaged in geothermal resource exploration, well drilling, plant construction, resource production, and markets creation. TxGEA includes representatives from the oilfield service sector, oil & gas operators, utilities, start-up companies working to advance geothermal relevant technologies, scientists and engineers from several Texas universities, and leading environmental organizations advocating Texas public policy solutions.

The Texas energy sector has benefitted tremendously from a diversified energy portfolio that has included oil, natural gas, wind, solar, coal, and nuclear power. In addition to these resources, Texas has the opportunity to develop

undeveloped geothermal resources in the near-term to decarbonize residential and industrial heating and cooling and produce reliable and secure baseload electricity.

Barry Smitherman, a past chairman of the Public Utility Commission of Texas (PUCT) and a past chairman of the Texas Railroad Commission, is guiding the formation of TxGEA. Smitherman added, “The rise of geothermal energy is coming at a pivotal time in Texas. The technological advances, coupled with energy market incentives and a supportive legislative and regulatory framework, will unleash tremendous geothermal energy potential, as well as position Texas as the global epicenter of next-generation geothermal innovation.”

Jamie Beard, executive director of the Geothermal Entrepreneurship Organization (GEO) at the University of Texas at Austin, said, “Paradigm shifting technology advancements within the oil and gas industry over the past decade, along with a significant increase in the number of oil and gas professionals engaged in geothermal ventures today have enabled a new realm of possibilities to advance scalable geothermal concepts.”

Cindy Taff, COO of Sage Geosystems and a 36-year oil industry veteran, said, "The intellectual capital of the oil and gas industry will provide a pivotal advantage for rapid geothermal industry growth and scale. In turn, geothermal resource development will provide new opportunities for the Texas oil and gas sector, leveraging core competencies while developing a virtually inexhaustible clean energy resource in the state."

Besides providing heating and cooling directly to industrial and residential consumers, geothermal power is a renewable energy source that offers firm and flexible solutions to a changing power system. Geothermal provides a range of services, including baseload, regulation, load following or energy imbalance, spinning reserve, non-spinning reserve, and replacement or supplemental reserve.

Geothermal plants can operate 24 hours a day with a steady output, regardless of environmental conditions, and are not subject to the unpredictability and voltage swings that variable energy resources face. Geothermal plants can also ramp up or down quickly, allowing them to adjust to the changing needs of the power system and act as a flexible power source in addition to baseload.

Funded by the Austin-based Cynthia and George Mitchell Foundation, a forthcoming study will inform TxGEA's mission. 'Future of Geothermal in Texas,' a robust, cross-state, multi-institution initiative, will provide a roadmap for future progress for geothermal in the Lone Star State. The study will publish in spring 2022.

Upon launch, TxGEA will interface with the public at [www.txgea.org](http://www.txgea.org). In addition, the organization will roll out and manage a robust social media outreach campaign to educate the public education and increase awareness of the benefits of geothermal energy in Texas.

The following companies and organizations support the increased development of geothermal power in Texas with the goal of the Texas Geothermal Energy Alliance acting as the voice for the industry:

(Partial listing as of January 13, 2022)

- Baker Hughes
- Blade Energy Partners
- Causeway GT



- CenterPoint Energy
- Chevron
- Eavor Technologies
- Eervo Energy
- GeothermEx (a Schlumberger company)
- GreenFire Energy
- GRID Opportunity Solutions
- Halliburton
- Hypersciences
- Lower Colorado River Authority (LCRA)
- Labors
- NOV Wellbore Technologies
- Petrolern
- Quaise Energy
- Quandary Geoscience
- Repsol
- Sage Geosystems
- Turboden

Matt Welch

Texas Geothermal Energy Alliance (TxGEA)

+1 512-417-8084

matt@txgea.org

Visit us on social media:

[Facebook](#)

[Twitter](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/560172511>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 IPD Group, Inc. All Right Reserved.