

## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

### JOIN

Long known as the energy capital of the world, Houston is proving its merit as the industry embraces an all-inclusive approach to energy sources. Beyond the wealth of oil and gas capital, Houston has become a landing spot for numerous solar, wind and battery storage investments. Companies like Fluence Energy, Renewable Parts and Solar Plus have chosen Houston for its manufacturing of innovative energy products.

### Geothermal Energy: An Untapped Resource

Geothermal energy, often unsung in the new energy landscape, can be found beneath our feet, harnessing the power of heat lying underground. In conventional geothermal power plants, wells are drilled into geothermal reservoirs to access hot



## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

### JOIN

#### Sage Geosystems: Leading Geothermal Innovation

Houston is seeing its chance to make a mark with geothermal thanks to companies like Sage Geosystems, founded in 2020 with its headquarters near Bush Intercontinental Airport. Sage works to build the technology that makes this renewable energy a greater force in the worldwide energy transition, engaged in contracts and partnerships with local energy providers, major government agencies like the U.S. Department of Defense (DOD) and hyper-scalers like Meta Platforms.

On the public utility side, the company recently partnered with the San Miguel Electric Cooperative to build the first geopressured geothermal system. The technology used can be paired with solar and/

Discover what makes Houston attractive to companies from a wide range of sectors.

[Learn More](#)

#### LIVING IN HOUSTON

There is no limit to what Houston offers residents. Find out what Houston life is all about.

[Learn More](#)

#### HOUSTON DATA

Get up-to-date research and analysis on the Houston economy.

[Learn More](#)



## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

### JOIN

million in Tactical Funding Increase (TACFI) funding to perform a geothermal demonstration with electricity generation, which will take place in Sage's test well in Starr County, Texas with a targeted completion date of Q3/Q4 2025. The Defense Innovation Unit (DIU) has funded two geothermal feasibility studies for the U.S. Army installation of Fort Bliss in El Paso and the Naval Air Station CC in Corpus Christi. Sage is performing these feasibility studies with the University of Texas Bureau of Economic Geology. The intent of these studies is to evaluate the technical and economic feasibility of geothermal system installations using Sage's Geopressured Geothermal System (GGS) technology at these two DOD installations.

### Collaboration Powers Innovation in Houston



## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

### JOIN

and Geology.

This sense of collaboration is one of the many reasons Sage Geosystems has thrived in Houston, along with the infrastructure, talent and innovative spirit that propels local companies to success.

### The Houston Advantage for Energy Startups

"While Texas is the top energy state in the U.S., Houston is the heart. Houston provides not only access to the O&G industry, but also many utilities and others interested and/or working in energy...The Houston energy ecosystem and the benefits described above will continue to be critical in this scale-up plan." - *Sage Geosystems CEO Cindy Taff*

## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

### JOIN

Geosystems' innovative approach to harnessing geothermal resources exemplifies the spirit of collaboration, innovation, and commitment to sustainability that defines our region's energy leadership." - *Partnership Senior Vice President of Economic Development Craig Rhodes*

For any new energy startups looking to establish themselves, Taff recommends leveraging Houston's many assets for future success.

"Tap into existing knowledge that can be transferred to clean tech and partner with companies that know where to find the skills needed to give your startup a leg up," Taff said. "Join local incubators like Rice Alliance for Technology and the Houston Technology Center and others, leverage Greater



ECONOMIC DEVELOPMENT

GET INVOLVED

RESOURCES & DATA

NEWS

ABOUT US

JOIN

...  
within *Houston's energy industry* and its *all-inclusive energy ecosystem*.

---

Share this Blog Post



## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

JOIN



### ECONOMIC DEVELOPMENT

Houston Day: Bridging Houston  
and Texas Lawmakers

12/20/24

What does it take to showcase Houston's  
extraordinary contributions to Texas? Fo...



### ECONOMIC DEVELOPMENT

San Jacinto College and  
CellReady Launch Program to  
Accelerate Cell Therapy...

12/17/24

PASADENA, Texas – The San Jacinto  
College Center for Biotechnology has...

All News →

## Related Events

## ECONOMIC DEVELOPMENT

## GET INVOLVED

## RESOURCES & DATA

## NEWS

## ABOUT US

### JOIN

strategic plan, Houston Next: Advancing  
Opportunity, at Partnership Week's  
Partnership Priorities in Action event.  
Hear from...

**All Events** →

---

### Executive Partners



ECONOMIC DEVELOPMENT

GET INVOLVED

RESOURCES & DATA

NEWS

ABOUT US

JOIN



EXXONMOBIL

CHASE & CO.

LEVEL 101  
RESOURCES



reliant<sup>®</sup>  
an NRG company



TC Energy

ECONOMIC DEVELOPMENT

GET INVOLVED

RESOURCES & DATA

NEWS

ABOUT US

JOIN

TAXES & INCENTIVES

© 2024 Greater Houston Partnership

[Privacy Policy](#)

[Disclaimer](#)