



Carbon Capture and Storage Development in Southeast Texas

Tenaska is developing a carbon capture and storage project named Pineywoods CCS Hub in the vicinity of Houston, Beaumont and Port Arthur. Our team is talking with local landowners about potential leasing opportunities and with regional businesses about their carbon reduction challenges.

CCS helps manufacturers and industrial producers meet emissions requirements in a cost-effective and responsible manner by capturing carbon dioxide (CO₂), transporting it, and storing it deep underground. This allows businesses to remain stable employers and taxpayers.

We know your land is your livelihood, and Tenaska wants to work with landowners to develop a safe and environmentally responsible project that benefits you and your community.

Learn more at PineywoodsCSS.com.

Questions?

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Pineywoods CCS Hub Office
1919 Trinity Street, Suite B, Liberty, TX 77575

Office Hours: Tuesdays, 1–3 pm
Thursdays, 10 am–noon or by appointment



100,000 acres of pore space needed



12 to 16 above-ground injection wells



35 years of Tenaska energy development experience

Phases of a CCS Project

Development 2–3 years

Tenaska is currently acquiring land for injection well sites and performing preliminary land studies. Additionally, we are performing engineering and environmental studies, obtaining necessary permits, and securing emissions customers.

Construction 1 year

Hire contractors, drill injection wells, connect pipeline from storage area to emissions customer

Operation 30+ years

Monitor storage site 24/7

Long-Term Storage

Plug and monitor injection wells for a period of time specified by the EPA

About Tenaska

Tenaska is a leading energy company with Nebraska roots. Over the past 35 years, Tenaska has earned a reputation for developing responsible energy projects and being a good business neighbor. We have developed, managed and/or operated approximately 22,000 megawatts of natural gas-fueled and renewable energy generating facilities.

From a five-person operation in 1987 to more than 700 employees today, Tenaska is proud to serve our nation's energy needs.




Learn more about our commitment to hard work and honest dealing at Tenaska.com

Economic Impact of Pineywoods CCS Hub


The Pineywoods CCS Hub will provide significant economic benefits for the region and the state during both the construction and operation phases. The overall project will ultimately connect to customers in Houston and Beaumont/Port Arthur.

Construction


 **\$983.9** million increase in gross product

 **9,330** job-years of employment


 **\$14.4** million in taxes and related payments to the state and **\$12.4** million to local government entities for the storage field


 **\$37.7** million in taxes and related payments to the state and **\$32.9** million to local government entities for the pipeline

Operation

 **\$5.1** million increase in annual gross product

 **41** jobs

 **\$197,700** in taxes and related payments to the state and **\$3.7** million to local government entities for the storage field

 **\$61,700** in taxes and related payments to the state and **\$8.2** million to local government entities for the pipeline

Total Impact

| The Potential Economic Benefits of Construction and First 30 Years of Operations of the Pineywoods CCS Hub | | | | |
|--|--------------------|-----------------|-----------------|------------------------|
| | Total Expenditures | Gross Product | Personal Income | Employment (Job-Years) |
| Total Construction and First 30 Years of Operations | | | | |
| Liberty County | \$683,478,000 | \$323,678,000 | \$223,900,000 | 3,126 |
| Chambers County | \$192,213,000 | \$85,692,000 | \$60,654,000 | 844 |
| Harris County | \$437,692,000 | \$205,314,000 | \$142,554,000 | 1,936 |
| Hardin County | \$279,373,000 | \$127,628,000 | \$85,497,000 | 1,184 |
| Jefferson County | \$357,655,000 | \$171,309,000 | \$121,342,000 | 1,713 |
| Texas | \$2,474,209,000 | \$1,137,986,000 | \$767,173,00 | 10,553 |

Source: US Multi-Regional Impact Assessment System, The Perryman Group

In addition, the Pineywoods CCS Hub is designed to provide a viable CO₂ emissions solution for regional industry, enabling them to remain stable employers and taxpayers in the region.

Source
The Potential Economic and Fiscal Impact of the Pineywoods Carbon Capture and Sequestration Facility in Southeast Texas (May 2023).
The Perryman Group.

Notes
• Jobs numbers include both direct impacts and multiplier effects.
• Fiscal benefits (taxes and related payments) include indirect and induced impacts.
• Operations numbers are based on a 30-year operational life.