



TRI-STATE CCS HUB

BUCKEYE • REDBUD • OAK GROVE

Carbon Capture and Storage Development in the Tri-State

Tenaska is developing a carbon capture and storage (CCS) project, called Tri-State CCS Hub, that will serve emissions customers in Ohio, Pennsylvania and West Virginia. Our team is talking with local landowners about opportunities to participate in the project and receiving positive feedback.

As envisioned, the Tri-State CCS Hub would help manufacturers, industrial producers and power-generating facilities meet environmental requirements and climate goals in a cost-effective, responsible manner. This allows these businesses to remain stable employers and taxpayers in the region. At the same time, CCS projects like this bring economic benefits to the community during construction and operation.



Up to 120,000 acres of underground pore space



26-34 above-ground injection wells

Our approach is relationship-driven. 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: tristateccs.com

Local Project Offices

OHIO

108 S. Main Street
Cadiz, OH 43907

OFFICE HOURS:
2PM - 5PM
Thursdays

PENNSYLVANIA

1100 Steubenville Pike
Lower Level, Suite 1
Burgettstown, PA 15021

OFFICE HOURS:
10AM - 1PM
Wednesdays

WEST VIRGINIA

210 Three Springs Dr.
Suite #2
Weirton, WV 26062

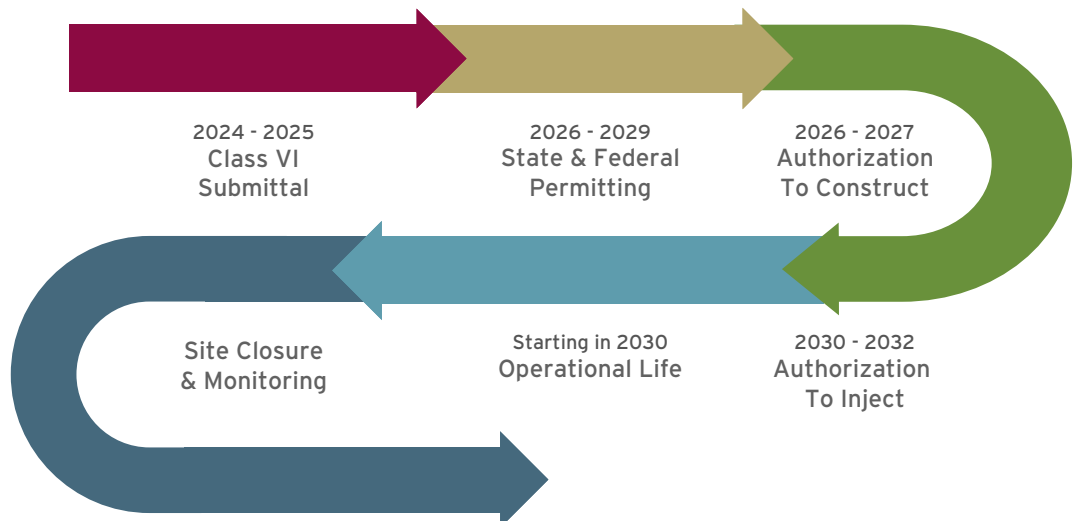
OFFICE HOURS:
10AM - 1PM
Thursdays

Local Representative

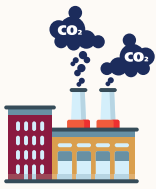
Ben Keeler
community@tristateccs.com
330-934-4155

Project Timeline

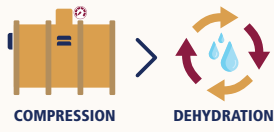
Timeline reflects earliest possible dates. Project will be constructed and brought online in phases.



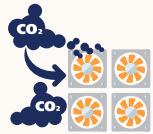
CARBON CAPTURE AND STORAGE PROCESS



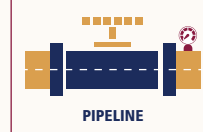
1 CAPTURE



CO₂ is captured at the point of emission, such as ethanol plants, agribusiness, natural gas processing plants, steel processing and other facilities, or through direct air capture, rather than being released into the atmosphere. The CO₂ is then processed and compressed into a liquid.

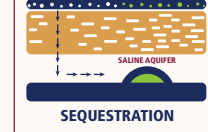


2 TRANSPORT



A high-strength carbon steel pipeline system safely delivers the liquified CO₂ to a storage site.

3 STORAGE



The liquified CO₂ is injected deep underground, where it is stored in porous rock and sealed beneath a thick layer of impermeable cap rock. The CO₂ then naturally mineralizes and dissolves over time.

Landowner Benefits

We know your land is your livelihood, whether you use it for farming, ranching, recreation, leasing or other purposes. The Tri-State CCS Hub aims to be a good steward of this land, to support its long-term preservation, and to provide an added source of income for your family over the next 30+ years.



Create another income stream. A carbon capture and storage (CCS) project allows landowners to create value from an unused

part of the land's geology deep beneath the surface. Your family can receive payments from the pore space rights for decades.



Continue utilizing the majority of your land. Other than a few carefully sited wells above ground, the storage area is safely located

deep underground. You can continue using the land's surface for other purposes.



Rest assured that this is a profit-positive opportunity. Costs associated with the development, construction

and operation of the storage field are paid for by the company.

DOE AWARD

The Tri-State CCS Hub is pleased to announce its participation in a CarbonSAFE Phase III project awarded by the U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM). Coordination with DOE is now underway, and this funding of up to \$69 million (\$55.2 million in funding and \$13.8 million in cost share) over three years will support the characterization and permitting efforts to develop a carbon capture and storage (CCS) hub in the tri-state region.

This award brings together a diverse project team that includes Tenaska and Southern States Energy Board, along with grant participants Projeo, Ohio State University, West Virginia Geological and Economic Survey and West Virginia University. ERM and Sargent & Lundy will participate as vendors.

ABOUT TENASKA

The Tri-State CCS Hub is being developed by Tenaska, one of the largest private, independent energy companies in the United States. Tenaska's expertise spans natural gas and electric power marketing, energy management, development and acquisition of energy assets, and operation of generating facilities. Over the last 35 years, the company has earned a reputation for developing responsible energy solutions and adapting our proven skill sets to meet new market demands.

Learn more at [Tenaska.com](https://www.tenaska.com).