

Louisiana Clean Energy Complex



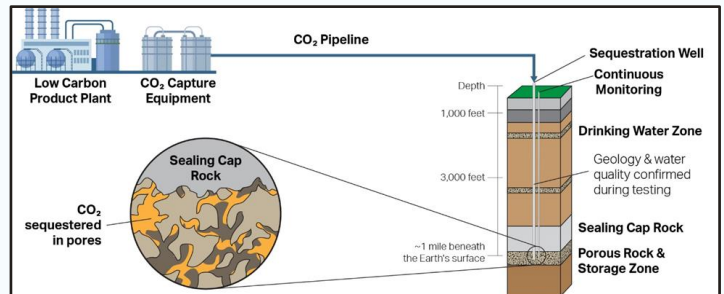
Understanding Permanent Carbon Storage

Air Products' Louisiana Clean Energy Complex will strengthen America's diverse energy production, make significant contributions to Louisiana's economy, and position the state as a critical player and global leader in next-generation energy production.

What is Carbon Capture and Sequestration?

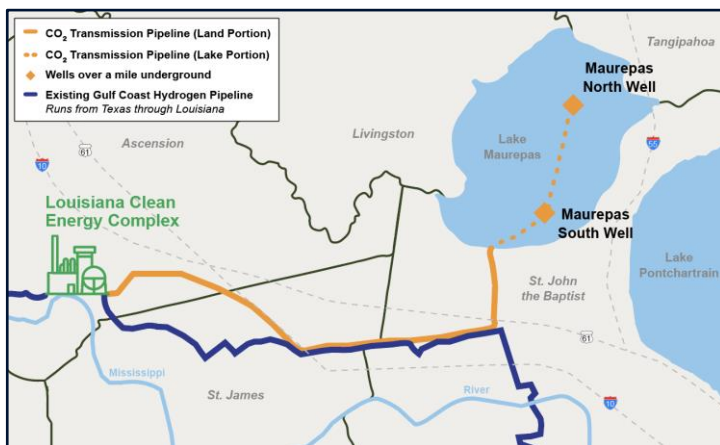
Carbon capture and sequestration (CCS) is a safe and proven technology to permanently store carbon dioxide (CO₂) and keep it from entering the atmosphere.

- Air Products will use CCS to produce clean hydrogen, capturing CO₂ at the production site, transporting it via pipeline, and permanently storing it more than a mile underneath Lake Maurepas.
- Carbon sequestration occurs deep underground in a natural pore space that is sealed on the top and bottom with caprock.
- CCS reduces greenhouse gas emissions, and the Louisiana Clean Energy Complex project will capture more than 95% of carbon emissions from production.



The Ideal Geology for CCS

- CCS requires a very specific type of geology that consists of a layer of porous rock between two layers of caprock. This is called a pore space. It must also be far from fault lines and cannot be an open space or cavern.
- The porous rock absorbs the CO₂, and the caprock acts as a seal to ensure the CO₂ cannot escape, and importantly, is not released to the atmosphere.



Carbon Capture and Sequestration - More Than a Mile Underneath Lake Maurepas

- Air Products will build sequestration wells, drilled about 6,000 to 9,000 feet deep under Lake Maurepas.
- Louisiana's geology is among the best in the world for permanent CO₂ sequestration. Specifically, the geologic pore space located a mile under Lake Maurepas is the ideal kind of rock to safely store CO₂.
- Testing is underway to confirm the pore space underneath Lake Maurepas meets the characteristics required for CCS before any CO₂ is permanently stored underground.

Economic Highlights

170

permanent jobs at clean energy complex

\$93,000

average salary of permanent jobs created

2,000

construction jobs, as well as 400 indirect jobs, over the next three years

Louisiana Clean Energy Complex

Understanding Carbon Capture and Sequestration

The Louisiana Clean Energy Complex will create 170 permanent jobs, with an average salary of \$93,000. It will also create over 400 indirect jobs and 2,000 construction jobs over the next three years.



State and Parish Economic Benefits

The project will both contribute to the future of clean energy and to the economic development of the surrounding areas.

- The state and the local parishes can expect tax revenue from the project, as the complex and any pipelines and wells will be subject to property taxes, as well as sales and use tax.
- The expectation is the state will receive tens of millions annually in direct payments once the project is at full production, a portion of which will go to local parishes associated with the carbon sequestration portion of the project.

Commitment to Safety

Air Products has operated safely in Louisiana for 55+ years and currently operates the world's largest privately-owned hydrogen pipeline network. We operate with safety at the forefront and will continue to do so as we construct the facility, wells, and pipelines for the Louisiana Clean Energy Complex.

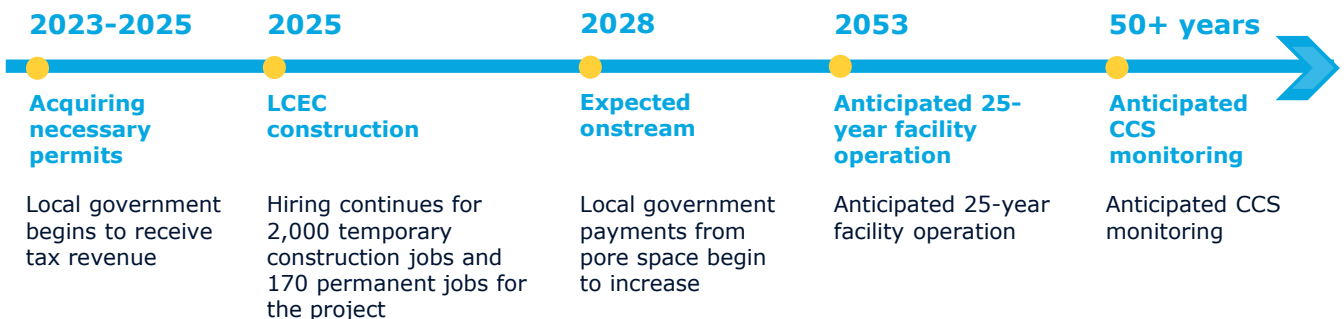
- Air Products has an unsurpassed safety record in the production, storage, handling, and distribution of hydrogen and other gases.
- Air Products' carbon capture and sequestration project will operate in accordance with the U.S. Environmental Protection Agency's extensive monitoring process, which addresses all aspects of well integrity, permanent carbon storage, and ground water quality during the lifetime of the project and 50 years after the project concludes to ensure its safety.
- Air Products' project requires extensive permitting by state and federal agencies across a spectrum of regulatory interests.



US Army Corps of Engineers



Anticipated Project Timeline



Air Products' Long History in Louisiana

55+

Years in operation

18

Operating facilities

330

Louisianans employed

For more information, please visit CleanEnergyLouisiana.com.