

Louisiana Clean Energy Complex

Securing Louisiana's Energy Future

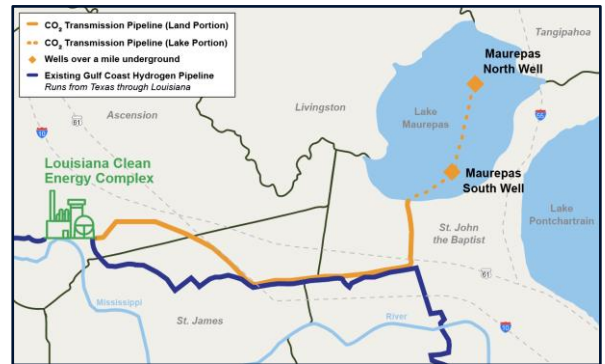


Air Products' Louisiana Clean Energy Complex will strengthen America's diverse energy production, make significant contributions to Louisiana's economy, and position the state as a critical player and global leader in next-generation energy production.

Project Overview

The Louisiana Clean Energy Complex will be the largest clean hydrogen facility of its kind when it is operational and will position Louisiana as a critical player and global leader in next-generation energy production.

- The complex will have the capacity to produce 750 million standard cubic feet of clean hydrogen per day, helping to reduce emissions in key industries by using carbon capture and sequestration. This technology has been used safely around the world for more than 50 years.
- The complex will consist of three main components: a hydrogen production facility in Ascension Parish, a pipeline network, and permanent carbon storage pore space.
- The facility will be built south of Gonzales along the Mississippi River. It will capture carbon dioxide (CO₂) generated in the manufacturing process to safely and permanently store it more than a mile underneath the bottom of Lake Maurepas in an area of porous rock between layers of caprock that act as a seal.



Pipelines

Three new pipelines will be built to support the Louisiana Clean Energy Complex, including:

- A CO₂ transmission pipeline to transport CO₂ from the main facility to the wells and permanent storage space.
- A hydrogen pipeline that will connect to Air Products' existing Gulf Coast pipeline network, the largest hydrogen network in the world.
- A natural gas pipeline to fuel the two primary sequestration well control platforms.

Air Products pledges to restore any temporary disturbances to the local environment as a result of pipeline construction.

Economic Highlights

170

permanent jobs at
clean energy complex

\$93,000

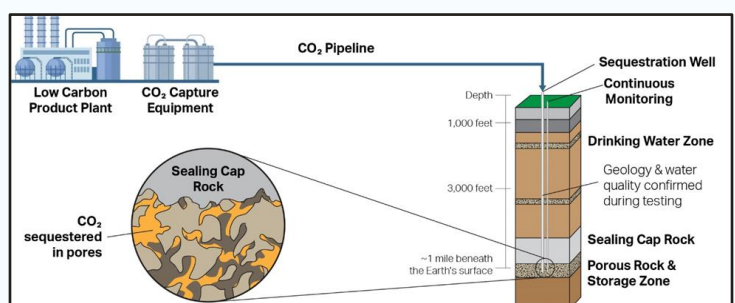
average salary of
permanent jobs created

2,000

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

Carbon Capture More Than a Mile Underneath Lake Maurepas

- Air Products will build permanent sequestration wells at Lake Maurepas, drilled about 6,000 to 9,000 feet deep.
- Monitoring wells would be used for monitoring the sequestered carbon dioxide.
- No monitoring wells will be used for injection purposes.



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Environmental Benefits of the Project



Net-Zero Ambition

The project will bolster goals to be net-zero by 2050 by meeting new emissions-reduction milestones and protecting and growing local jobs.



Wildlife Habitat

The rock formations below the well platforms will become popular for fishing and provide habitats for fish, giving them a place to hide, shelter, and hunt for food.



Environmental Commitments

We pledge to go beyond what is required by state laws and regulations to limit environmental impacts from construction or operations. This includes donating land to Louisiana for preservation and utilizing existing pipeline corridors to minimize construction.

Anticipated Project Timeline



Safety Record

- Air Products has operated safely in Louisiana for 55+ years and currently operates the world's largest hydrogen pipeline network. We operate with safety at the forefront and will continue doing so as we construct the Louisiana Clean Energy Complex.
- Unsurpassed safety record in the production, storage, handling, and distribution of hydrogen and other gases.
- Earned more safety-related awards than any other industrial gas company.
- Taken a leadership role in supporting the hydrogen fuel community in the safe use of hydrogen.

Independent Monitoring

- Southeastern Louisiana University is conducting independent monitoring of the project to ensure all activities are protective of the lake's environment.
- This is not a regulatory requirement, and we believe it is important to have independent third-party monitoring to ensure our project does not have a negative effect on the lake.

Air Products' Long History in Louisiana

55+

years in operation

18

operating facilities

330

Louisianans currently employed

For more information, please visit CleanEnergyLouisiana.com