

# Linde to Invest Over \$400 Million in New Air Separation Unit at RiverPlex MegaPark



Linde, a global leader in industrial gases and engineering, today announced a more than \$400 million investment to construct the largest air separation unit (ASU) along the Mississippi River corridor. Located on the West Bank of Ascension Parish at the RiverPlex MegaPark, the facility will provide critical oxygen and nitrogen to support low-carbon ammonia production at Blue Point Number One—a joint venture between CF Industries, JERA, and Mitsui & Co.

The project will create 15 new direct jobs at the site, with average annual salaries exceeding 45% above the parish average wage, and will retain over 100 current positions across Louisiana. According to Louisiana Economic Development (LED), the project is expected to generate an additional 50 indirect jobs, bringing the total potential new employment impact in the Capital Region to 65.

“This announcement is yet another win for the West Bank as we build out the industrial base and bring high-wage job opportunities to the area,” said LED Secretary Susan B. Bourgeois. “For more than 50 years, Linde has played a key role in establishing Louisiana as a global energy leader. This latest investment demonstrates our shared commitment to growing legacy industries while fostering innovation and global competitiveness.”

The new ASU will supply oxygen and nitrogen to the \$4 billion Blue Point Number One facility, which is currently under development and is poised to become the world’s largest low-carbon ammonia plant once operational.

Linde has a long-standing presence in Louisiana, with facilities in Geismar, St. Charles Parish, Vidalia, Lake Charles, and Sulphur, as well as an extensive industrial pipeline network throughout the region. The Donaldsonville project builds on Linde's 2020 launch of a state-of-the-art syngas processing plant in Geismar, further solidifying the company's role in supporting major energy infrastructure in the state.

"This project is another example of Linde deploying its world-scale air separation technology to advance a low-carbon energy future," said Sean Durbin, Linde Executive Vice President, North America. "We're honored to support Blue Point's mission and are grateful for the partnership with Louisiana Economic Development as we continue to expand our U.S. industrial gas infrastructure."

The investment is a significant milestone for the RiverPlex MegaPark, a 17,000-acre site positioned to attract next-generation energy and manufacturing development. Alongside Blue Point Number One and Hyundai's recently announced \$6 billion steel mill, Linde's new facility adds to the momentum transforming the region.

"This latest investment affirms the RiverPlex MegaPark's growing role as an engine for industrial growth," said Ascension Parish President Clint Cointment. "With three major announcements in just four months, we're seeing long-overdue revitalization for this rural area. The West Bank is rising—and this is just the beginning."

Construction of the new facility is expected to begin in 2026, with operations commencing in 2029.

"Industrial growth like this doesn't happen by accident—it takes vision, planning, and collaboration," said Kate MacArthur, President and CEO of Ascension Economic Development Corporation. "We're excited to welcome Linde to west Ascension and deeply value their continued investment in our parish."

Register [with LED FastStart](#) to be notified about job opportunities, hiring events and news updates.